

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE



April 17, 2020

Advice Letter 5781-E

Erik Jacobson
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

**SUBJECT: Implementing the 2020 Energy Resource Recovery Account (ERRA)
Forecast Revenue Requirement in Compliance with Decision 20-02-047**

Dear Mr. Jacobson:

Advice Letter 5781-E is effective as of April 13, 2020.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Deputy Executive Director for Energy and Climate Policy/
Director, Energy Division

March 13, 2020

Advice 5781-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Implementing the 2020 Energy Resource Recovery Account (ERRA) Forecast Revenue Requirement in Compliance with Decision 20-02-047

Purpose

Pacific Gas and Electric Company (PG&E) hereby submits its compliance advice letter pursuant to Ordering Paragraph (OP) 2 of Decision (D.) 20-02-047 (the "2020 ERRA Forecast Decision"). PG&E requests approval to implement the 2020 ERRA Forecast revenue requirement, including an update to balancing accounts based on recorded end-of-year balances, an approved 2020 sales forecast to calculate rates, and a true-up of the 2019 Power Charge Indifference Amount (PCIA) revenue requirements based on revised Market Price Benchmarks for brown power, Renewables Portfolio Standard (RPS), and Resource Adequacy (RA) compared to actual recorded costs and revenues for each component.

PG&E respectfully requests a disposition letter with an effective date by no later than April 13, 2020 in order to timely implement these changes, along with other potential PG&E rate changes, on May 1, 2020.

Background

On February 27, 2020, the California Public Utilities Commission (Commission or CPUC) issued D.20-02-047 approving PG&E's 2020 ERRA Forecast Application (A.19-06-001), with modifications. In Ordering Paragraph (OP) 1 of the 2020 ERRA Forecast Decision, the Commission: (1) adopted a 2020 electric procurement revenue requirement for rate setting of \$5,274 million, comprising of \$1,798 million for ERRA, \$112 million for the Ongoing CTC, \$3,056 million for the PCIA, and \$205 million for the Cost Allocation Mechanism (CAM); and (2) approved PG&E's 2020 electric sales and peak load forecasts.

The 2020 ERRA Forecast Decision also addresses the following items: (1) PG&E's request to amortize the December 2019 balancing account balances in rates; (2) the

CAM rate adjustment for the misallocation; and (3) requires PG&E to make modifications to its accounting for retained and unsold RPS, as described in below.

D.20-02-047 Authorization and Modifications to PG&E's Revenue Requirements and Rate Proposals

The revenue requirements and illustrative total rates included herein incorporate the following modifications addressed in the 2020 ERRA Forecast Decision:

1. 2019 Year-End Balancing Account Balances

- The Commission found that the use of recorded data through December 2019 is appropriate and sufficient for PG&E's forecast. (Finding of Fact (FOF) 10.)
- Amortization of the 2019 year-end balancing account balances also includes the ERRA overcollection that was the subject of PG&E's 2019 ERRA Trigger Application, A.19-11-017. On March 2, 2020, the Commission issued a proposed decision resolving the open compliance issues in PG&E's 2019 ERRA Trigger application filed on November 18, 2019 noting that it is reasonable to address PG&E's 2019 ERRA overcollection in the A.19-06-001 proceeding.

2. Renewable Portfolio Standard

- The Commission found that D.19-10-001 requires PG&E to value all renewable energy credits used to meet its 2019 RPS compliance obligation at the RPS Adder. D.11-12-020 establishes an RPS compliance target for PG&E in 2019 equal to 31 percent of PG&E's retail sales. (Conclusion of Law (COL) 4).
- The Commission found that 20 percent of the starting bank Renewable Energy Credits (RECs) included in PG&E Advice Letter 5554-E should not be counted as unsold RPS. Therefore, the Commission concluded that \$92.9 million should be deducted from the PABA balance according to proper sub-account allocation and added to the ERRA balance. (D.20-02-047, p. 16).

3. Adjustment for Misallocated CAM

- The Commission found that PG&E's proposal of "class specific PCIA rates for CAM Adjustment" is reasonable and authorizes PG&E to transfer the misallocated CAM credit amounts from the ERRA to the PABA. (FOF 6.) PG&E will make a credit entry to PABA in the amount of \$141 million to correct for misallocated amounts recorded to ERRA.

Implementation of these modifications is described below. An update to the revenue requirement summary table shown on page 3 of the 2020 ERRA Forecast Decision is also presented below in Table 2.

Balancing Account Updates

Table 1 below shows PG&E's recorded 2019 year-end¹ ERRA, PABA, Modified Transition Cost Balancing Account (MTCBA), New System Generation Balancing Account (NSGBA), and the Tree Mortality Non-Bypassable Charge (TMNBC) balances included in the rate calculations of this advice letter, as well as the variances from the forecast balances² presented in D.20-02-047. As authorized, the PABA balance includes the \$92.9 million reduction of the RPS value with an associated offsetting entry to ERRA (see Column B). Column C reflects the transfer of the 2018 prior period adjustment from ERRA to PABA as authorized by D.20-02-047, FOF 6.³ The resulting impact of these adjustments to the recorded balances are reflected in Column F.

TABLE 1
BALANCING ACCOUNT UPDATES
(thousands of dollars)

Line No.		Recorded Balance	RPS Value adjustment per D.20-02-047	Transfer 2018 Prior Period Adjustment from ERRA to PABA per D.20-02-047	Adjusted Recorded Balance	RF&U @ 0.011349	Adjusted Recorded Balance with RF&U	D.20-02-047	Variance
		(A)	(B)	(C)	(D) = Σ (A..C)	(E)	(F) = (D) + (E)	(G)	(H) = (F) - (G)
1	ERRA	(\$616,011)	\$92,900	\$141,267	(\$381,844)	(\$4,334)	(\$386,177)	(\$607,760)	\$221,583
2	Ongoing CTC (i.e. MTCBA)	(6,589)			(6,589)	(75)	(6,664)	32,188	(\$38,852)
3	CAM Charge (i.e. NSGBA)	186,519			186,519	2,117	188,636	43,784	\$144,852
4	PABA	713,711	(92,900)	Note 1	620,811	7,046	627,857	496,622	\$131,235
5	TMNBC	62,642			62,642	711	63,353	66,217	(\$2,864)
6	Total	\$340,272	\$0	\$141,267	\$481,539	\$5,465	\$487,004	\$31,050	\$455,954

Note 1:

D.20-02-047, FOF 6 authorizes PG&E to add the "Class Specific Rates for CAM Adjustment" (see Table F of PG&E's November Update (Exh. PG&E-6R) Proposed Rate Design) directly to the PCIA rates. Therefore, the corresponding credit of \$141 million is not reflected in the PABA balance for the calculation of the PCIA rates

¹ PG&E's recorded 2019 year-end balances reflect twelve months of recorded transactions for the period from January through December 2019. In D.20-02-047, Findings of Fact 10, the Commission stated that "*We find PG&E's use of recorded data through December 2019, is appropriate and sufficient for its forecast.*"

² The forecast balances presented in D.20-02-047 include nine months of recorded transactions from January through September 2019, plus three months of forecast from October through December 2019.

³ The 2018 prior period adjustment is the same as the "\$141 million of misallocated CAM and Ongoing CTC adjustments" in Findings of Fact 6, D.20-02-047.

Column H shows the difference between the balances included in the rate calculations and the forecast amounts presented in D.20-02-047. Primary drivers of the differences between recorded and forecast in PG&E's November Update (Exh. PG&E-6R) are as follows:

1. PABA

The following sections provide additional details regarding the PCIA variance drivers and comprise \$130 million, or 99 percent, of the \$131 million variance.⁴

A. **PCIA Billed Revenue**

- Lower Retail Sales: PCIA billed revenues were approximately \$41 million less than the forecast, driven primarily by lower retail sales of approximately 900 gigawatt-hours (GWh).

B. **Energy Value**

- Actual Generation Volume: CAISO energy revenues for PCIA-eligible resources were approximately \$89 million less than forecast, driven primarily by lower generation from PCIA-eligible resources of approximately 2,300 GWh.

2. ERRA

The following sections provide additional details regarding the ERRA variance drivers and comprise \$203 million, or 91 percent, of the \$222 million variance.

A. **ERRA Billed Revenue**

- Lower Retail Sales: ERRA billed revenues were approximately \$111 million less than forecast driven primarily by lower retail sales of approximately 900 GWh.
- Utility Generation Balancing Account (UGBA) Reclassification: ERRA billed revenues were \$92 million lower due to revenues being transferred from ERRA to UGBA to offset the 2018 UGBA undercollection included in 2019 bundled customer generation rates.

3. Ongoing CTC (i.e. MTCBA) and CAM Charge (i.e. NSGBA)

- The 2018 prior period adjustment to the MTCBA and NSGBA presented in A.19-06-001 is removed because PG&E is authorized, in both D.20-02-006

⁴ Appendix A of this advice letter presents additional drivers of the PABA variance. This table was first introduced as Table 14-3 in the November Update of the 2020 ERRA Forecast Application (A.19-06-001) (Exh. PG&E-6R). It is updated to reflect the variance between the twelve months of adjusted recorded PABA (Table 1, line 4) and the forecast presented in D.20-02-047.

and D.20-02-047, to include these amounts in the Ongoing CTC and CAM rates of this advice letter.

Updated Revenue Requirements Used for Rate Setting

The revenue requirements used in the rate calculation of this advice letter is consolidated in line 6 of Table 2 below.

TABLE 2
REVENUE REQUIREMENT UPDATES
(thousands of dollars)

Line No.		2020 Cost With Revenue Fees and Uncollectibles ^(a)	Updated based on recorded + adj. ordered in D.20-02-047	Total 2020 Revenue Requirement (C) = (A) + (B)
			Year End Balance ^(c)	
		(A)	(B)	
1	ERRA	2,405,933	(386,177)	2,019,756
2	Ongoing CTC/MTCBA	79,915	(6,664)	73,252
3	CAMNSGC	161,578	188,636	\$350,213
4	PCIA/PABA	2,559,623	627,857	3,187,480
5	TMNBC	36,163	63,353	99,516
6	Revenue Requirement for Rate	\$5,243,212	\$487,004	\$5,730,216
7	Less: UOG-Related Costs ^(b)	(2,260,117)		(2,260,117)
8	2020 ERRA Application Revenue Requirement Request	\$2,983,095	\$487,004	\$3,470,099

Notes:

(a) Amounts as presented in D.20-02-047

(b) UOG-Related Costs in the revenue requirement components is solely for rate-setting purposes, and PG&E does not request approval of these costs in this Application.

(c) The year-end balancing account balances recovered in rates through the AET, and or subsequent rate change advice letter.

Totals may not add due to rounding.

Column A reflects the 2020 Cost with Revenue Fees and Uncollectibles (RF&U) as authorized in D.20-02-047 and Column B shows the adjusted recorded balances described in Table 1 above. The total 2020 revenue requirement for rate setting of \$5,730 million is summed in Column C, line 6.

Rate Implementation

1. Overview

The rate implementation remains unchanged from the rate design described in PG&E's November Update. First, PG&E calculates capped PCIA rates for non-exempt departing load as required in D.18-10-019, set at 0.5 cent per kWh higher than currently authorized 2019 PCIA rates.⁵ D.18-10-019 also established thresholds for a trigger mechanism associated with the PCIA cap, which PG&E includes as a separate calculation and these thresholds are based on a percentage of the authorized PCIA revenues for non-exempt departing load. Capping the PCIA rate for non-exempt departing load customers will also impact the bundled generation rate, as discussed below.

Second, PG&E calculates its uncapped PCIA rates using the Revenue Requirement as authorized in D.20-02-047 described above.

Third, revenue originally collected through the generation rate will be returned to customers through a series of prior period accounting adjustments in the ERRa, MTCBA, and New System Generation Charge (NSGC). The methodology for implementing these adjustments was described in Supplemental Testimony (Exhibit PG&E-2). Implementing these prior period adjustments, or "CAM Adjustment," will impact the uncapped PCIA, the Ongoing CTC, and the NSGC.⁶

The implementation steps to derive these final PCIA rates were described in Section 6.b.1 of PG&E's November Update Testimony (Exh. PG&E-6R).

2. Results

The PCIA revenue requirement results in capped PCIA rates for departing load for all vintages and all classes. The capped PCIA rates that will be implemented along with PG&E's 2020 AET are shown in Table 3 below. The calculation of the capped PCIA rates, uncapped PCIA rates, and uncapped PCIA rates with the CAM Adjustment are included in Appendix B. In addition, the average generation rates for bundled customers, ongoing CTC rates, NSGC rates, and TMNBC rates are shown in Appendix C.

⁵ D.18-10-019 was issued in the PCIA Rulemaking (R.) 17-06-026.

⁶ The vintage class specific rates for the CAM Adjustment were presented in PG&E's November Update, Section 6.b.5 (Exh. PG&E-6R).

TABLE 3
PROPOSED 2020 PCIA RATES BY VINTAGE – CAPPED VINTAGES 2009-2019 AND UNCAPPED VINTAGE 2020 (WITH DWR FRANCHISE FEE)

Line No.	Customer Class	2009 Vintage	2010 Vintage	2011 Vintage	2012 Vintage	2013 Vintage	2014 Vintage	2015 Vintage	2016 Vintage	2017 Vintage	2018 Vintage	2019 Vintage	2020 Vintage
1	Residential	\$0.02561	\$0.02877	\$0.03122	\$0.03109	\$0.03325	\$0.03372	\$0.03354	\$0.03340	\$0.03334	\$0.03336	\$0.03555	\$0.04243
2	Small Commercial	\$0.02453	\$0.02756	\$0.02990	\$0.02979	\$0.03186	\$0.03230	\$0.03213	\$0.03199	\$0.03194	\$0.03196	\$0.03406	\$0.04065
3	Medium Commercial	\$0.02643	\$0.02969	\$0.03222	\$0.03209	\$0.03432	\$0.03480	\$0.03461	\$0.03447	\$0.03441	\$0.03443	\$0.03669	\$0.04379
4	Large Commercial	\$0.02422	\$0.02721	\$0.02952	\$0.02941	\$0.03145	\$0.03189	\$0.03172	\$0.03158	\$0.03153	\$0.03155	\$0.03362	\$0.04013
5	Streetlights	\$0.02042	\$0.02293	\$0.02488	\$0.02479	\$0.02651	\$0.02688	\$0.02673	\$0.02662	\$0.02658	\$0.02660	\$0.02834	\$0.03383
6	Standby	\$0.01850	\$0.02079	\$0.02256	\$0.02247	\$0.02403	\$0.02437	\$0.02423	\$0.02413	\$0.02409	\$0.02411	\$0.02569	\$0.03067
7	Agriculture	\$0.02289	\$0.02571	\$0.02790	\$0.02779	\$0.02972	\$0.03014	\$0.02998	\$0.02985	\$0.02980	\$0.02982	\$0.03178	\$0.03793
8	E-20 T	\$0.02079	\$0.02335	\$0.02534	\$0.02524	\$0.02699	\$0.02737	\$0.02722	\$0.02711	\$0.02706	\$0.02708	\$0.02886	\$0.03445
9	E-20 P	\$0.02240	\$0.02516	\$0.02730	\$0.02720	\$0.02908	\$0.02949	\$0.02933	\$0.02921	\$0.02916	\$0.02918	\$0.03109	\$0.03711
10	E-20 S	\$0.02330	\$0.02617	\$0.02840	\$0.02829	\$0.03026	\$0.03068	\$0.03051	\$0.03039	\$0.03033	\$0.03036	\$0.03235	\$0.03861

3. PCIA Under-collection Balancing Account (PUBA) Trigger and Trigger Threshold

The revenue shortfall that is expected to accrue on an annual basis is the difference in revenue that would be received between uncapped and capped PCIA rates. Those results are presented in Table 4 below.

TABLE 4
REVENUE DEFERAL
PROPOSED UNCAPPED 2020 PCIA RATES INCLUDING CAM ADJUSTMENT
LESS CAPPED 2020 PCIA RATES (WITHOUT DWR FRANCHISE FEES)

	(A) Expected PCIA Revenues from Capped Rates	(B) Expected PCIA Revenues from Un-Capped Rates	(C) CAM Adjustment	(D) Expected PCIA Revenues from Un-Capped, CAM Adjusted Rates (B) - (C)	(E) Under-recovery from Capping Rates (D) - (A)
Bundled Customers	\$1,534,779,779	\$1,534,779,779	\$88,767,670	\$1,446,012,109	n/a
DA / CCA Customers	\$1,197,239,261	\$1,652,576,167	\$45,960,405	\$1,606,615,762	\$409,376,501
Total Revenues	\$2,732,019,039	\$3,187,355,946	\$134,728,075	\$3,052,627,871	

The PUBA framework for the trigger mechanism sets the trigger threshold at 10 percent of the forecast PCIA revenues. If the under-collection reaches 7 percent and PG&E forecasts that the balance will reach 10 percent, then it shall file an expedited application to change the PCIA rates to bring the balance back down below 7 percent.

Departing load customers share of PCIA revenues is \$1,606.6 million. The 7 percent filing level is \$112.5 million, and the 10 percent Trigger Threshold is \$160.7 million.

Pro Forma Tariff Sheets of Total Illustrative Rates

In compliance with OP 2 of the 2020 ERRA Forecast Decision, PG&E has attached as Appendix E certain pro forma tariffs⁷ showing illustrative total rates consistent with the ERRA revenue requirements approved in the decision.

To present total rates based on the best available information, PG&E has also incorporated the revenue requirements it *expects* to implement in its upcoming 2020 Annual Electric True-up (AET) anticipated to be effective May 1, 2020,⁸ so that the illustrative rates herein will better reflect the projected rates when PG&E ultimately implements the ERRA decision in total rates. That said, PG&E is still finalizing its AET submittal and these illustrative total rates may still change. (The CTC, vintaged PCIA, CAM/NSGC, TMNBC within PPP and California Climate Credit rates, however, are final and will not change upon implementation.)

PG&E will submit a complete set of rate tariffs to consolidate all electric rate changes when it implements ERRA in its 2020 AET submittal following final disposition of this Tier 2 advice letter. At that time, PG&E will revise each rate schedule to show the consolidated rates.

Exhibits Accompanying this Advice Letter

In support of this advice letter, PG&E provides the following additional information:

Appendix A: Adjusted recorded PABA year-end balance by vintage, including comparison with the forecast amounts presented in D.20-02-047.

Appendix B: Calculation of the final 2020 PCIA rates (uncapped, proposed capped; and CAM adjustment for uncapped) as described above.

Appendix C: Comparison of the proposed 2020 average generation rates for bundled customers, ongoing CTC rates, PCIA rates, NSGC, and TMNBC rates with current 2019 rates.

Appendix D: Revenue and average rate summary.

Appendix E: Pro Forma Rate Schedule Tariff Sheets of Illustrative Total Rates.

⁷ PG&E has included in this submittal illustrative tariffs for key rate schedules in each customer class.

⁸ In accordance with OP 3 of the 2020 ERRA Forecast Decision, PG&E will implement its updated 2020 electric sales forecast and rate proposals in its upcoming AET.

Protests

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than April 2, 2020, which is 20 days after the date of this submittal. Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
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, telephone number, postal address, and (where appropriate) 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).

Effective Date

Due to the delay of the 2020 ERRA Forecast Decision, PG&E's current rates do not include the revenue requirements and sales forecast adopted in the decision.

PG&E respectfully requests a disposition letter for this Tier 2 advice letter be effective by no later April 13, 2020 in order to timely implement these changes, along with other PG&E rate changes, on May 1, 2020.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for A.19-06-001. Address changes to the General Order 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/

Erik Jacobson
Director, Regulatory Relations

Attachments

cc: Service List A.19-06-001



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) #: 5781-E

Tier Designation: 1

Subject of AL: Implementing the 2020 Energy Resource Recovery Account (ERRA) Forecast Revenue Requirement in Compliance with Decision 20-02-047

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.20-02-047

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

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

Confidential treatment requested? ☐ Yes ☒ No

If yes, specification of confidential information:

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:

Resolution required? ☐ Yes ☒ No

Requested effective date: 4/13/20

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 proposed¹: N/A

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

¹Discuss in AL if more space is needed.

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

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name: Erik Jacobson, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Clear Form

Appendix A

**Adjusted recorded PABA year-end balance by vintage,
including comparison with the forecast amounts
presented in D.20-02-047**

Appendix A
Pacific Gas and Electric Company
(THOUSANDS OF DOLLARS)

[illegible]

Appendix B

Calculation of the final 2020 PCIA rates

Indifference Rate Calculation																
2020 ERRRA Forecast - November Update - PCIA Rate Design - D.20-02-047																
CALCULATIONS		CTC RRQ														
RRQ Sales and Rate Components		Incremental Indifference Amount and System Average Rate of Responsible Vintaged Sales for PCIA Rate Design														
Indifference Tb 9-3, In 35		All	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Year-end PABA balance Tb 14-3, In 29		\$ 79,915,483	\$ 748,714,600	\$ 1,318,014,715	\$ 306,176,687	\$ 91,143,997	\$ 65,701,400	\$ 21,601,547	\$ 636,160	\$ 4,124,615	\$ 7,840,296	\$ (14,478,012)	\$ 8,014,105	\$ 2,008,863	\$ 124,106	
Incremental Total RRQ by Portfolio Year		\$ (6,663,674)	\$ (108,651,279)	\$ 447,362,752	\$ 190,838,872	\$ 50,122,726	\$ 48,857,780	\$ 22,459,702	\$ 6,712,082	\$ 13,204,294	\$ (6,065,356)	\$ 2,245,741	\$ 291,339	\$ (39,521,681)	\$ -	
		\$ 73,251,809	\$ 640,063,321	\$ 1,765,377,467	\$ 497,015,559	\$ 141,266,722	\$ 114,559,180	\$ 44,061,249	\$ 7,348,243	\$ 17,328,909	\$ 1,774,940	\$ (12,232,271)	\$ 8,305,444	\$ (37,512,818)	\$ 124,106	
Forecast System Sales - Same for each Portfolio Year (kWh)		80,667,220,296	73,790,980,095	73,790,980,095	72,721,448,067	70,512,867,345	69,400,714,419	69,239,193,985	68,194,952,709	66,385,854,498	66,089,419,854	59,018,229,752	46,755,444,429	36,380,908,859	35,944,701,438	
Uncapped Average Incremental Rate		\$ 0.00091	\$ 0.00867	\$ 0.02392	\$ 0.00683	\$ 0.00200	\$ 0.00165	\$ 0.00064	\$ 0.00011	\$ 0.00026	\$ 0.00003	\$ (0.00021)	\$ 0.00018	\$ (0.00103)	\$ 0.00000	
Uncapped Average Cumulative Rate		\$ 0.00091	\$ 0.00867	\$ 0.03260	\$ 0.03943	\$ 0.04144	\$ 0.04309	\$ 0.04372	\$ 0.04383	\$ 0.04409	\$ 0.04412	\$ 0.04391	\$ 0.04409	\$ 0.04306	\$ 0.04306	
		CTC Rate														
		Uncapped Allocated Incremental Rate for Each Portfolio of Resources (\$/kWh)														
Rate Group	Generation Rate Ratio (GRC)	System	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Residential	105.2%	\$ 0.00096	\$ 0.00912	\$ 0.02516	\$ 0.00719	\$ 0.00211	\$ 0.00174	\$ 0.00067	\$ 0.00011	\$ 0.00027	\$ 0.00003	\$ (0.00022)	\$ 0.00019	\$ (0.00108)	\$ 0.00000	
Small L&P	100.8%	\$ 0.00091	\$ 0.00874	\$ 0.02411	\$ 0.00689	\$ 0.00202	\$ 0.00166	\$ 0.00064	\$ 0.00011	\$ 0.00026	\$ 0.00003	\$ (0.00021)	\$ 0.00018	\$ (0.00104)	\$ 0.00000	
Medium L&P	108.6%	\$ 0.00099	\$ 0.00942	\$ 0.02597	\$ 0.00742	\$ 0.00217	\$ 0.00179	\$ 0.00069	\$ 0.00012	\$ 0.00028	\$ 0.00003	\$ (0.00022)	\$ 0.00019	\$ (0.00112)	\$ 0.00000	
E19	99.5%	\$ 0.00090	\$ 0.00863	\$ 0.02380	\$ 0.00680	\$ 0.00199	\$ 0.00164	\$ 0.00063	\$ 0.00011	\$ 0.00026	\$ 0.00003	\$ (0.00021)	\$ 0.00018	\$ (0.00103)	\$ 0.00000	
Streetlights	83.8%	\$ 0.00076	\$ 0.00727	\$ 0.02006	\$ 0.00573	\$ 0.00168	\$ 0.00138	\$ 0.00053	\$ 0.00009	\$ 0.00022	\$ 0.00002	\$ (0.00017)	\$ 0.00015	\$ (0.00086)	\$ 0.00000	
Standby	76.0%	\$ 0.00069	\$ 0.00659	\$ 0.01818	\$ 0.00519	\$ 0.00152	\$ 0.00125	\$ 0.00048	\$ 0.00008	\$ 0.00020	\$ 0.00002	\$ (0.00016)	\$ 0.00014	\$ (0.00078)	\$ 0.00000	
Agriculture	94.0%	\$ 0.00085	\$ 0.00815	\$ 0.02249	\$ 0.00643	\$ 0.00188	\$ 0.00155	\$ 0.00060	\$ 0.00010	\$ 0.00025	\$ 0.00003	\$ (0.00019)	\$ 0.00017	\$ (0.00097)	\$ 0.00000	
E20 T (Excluding FPP)	85.4%	\$ 0.00078	\$ 0.00741	\$ 0.02042	\$ 0.00583	\$ 0.00171	\$ 0.00141	\$ 0.00054	\$ 0.00009	\$ 0.00022	\$ 0.00002	\$ (0.00018)	\$ 0.00015	\$ (0.00088)	\$ 0.00000	
E20 P (Excluding FPP)	92.0%	\$ 0.00084	\$ 0.00798	\$ 0.02201	\$ 0.00629	\$ 0.00184	\$ 0.00152	\$ 0.00059	\$ 0.00010	\$ 0.00024	\$ 0.00002	\$ (0.00019)	\$ 0.00016	\$ (0.00095)	\$ 0.00000	
E20 S (Excluding FPP)	95.7%	\$ 0.00087	\$ 0.00830	\$ 0.02290	\$ 0.00654	\$ 0.00192	\$ 0.00158	\$ 0.00061	\$ 0.00010	\$ 0.00025	\$ 0.00003	\$ (0.00020)	\$ 0.00017	\$ (0.00099)	\$ 0.00000	
Average	100.0%	\$ 0.00091	\$ 0.00873	\$ 0.02407	\$ 0.00688	\$ 0.00202	\$ 0.00167	\$ 0.00064	\$ 0.00011	\$ 0.00026	\$ 0.00003	\$ (0.00021)	\$ 0.00018	\$ (0.00103)	\$ 0.00000	
		CTC Rate														
		Uncapped Allocated Cumulative Rate for Each Portfolio of Resources (\$/kWh)														
Rate Group	Generation Rate Ratio (GRC)	System	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Residential	105.2%	\$ 0.00096	\$ 0.00912	\$ 0.03429	\$ 0.04148	\$ 0.04358	\$ 0.04532	\$ 0.04599	\$ 0.04610	\$ 0.04638	\$ 0.04640	\$ 0.04619	\$ 0.04637	\$ 0.04529	\$ 0.04529	
Small L&P	100.8%	\$ 0.00091	\$ 0.00874	\$ 0.03285	\$ 0.03973	\$ 0.04175	\$ 0.04341	\$ 0.04406	\$ 0.04416	\$ 0.04443	\$ 0.04445	\$ 0.04425	\$ 0.04442	\$ 0.04339	\$ 0.04339	
Medium L&P	108.6%	\$ 0.00099	\$ 0.00942	\$ 0.03539	\$ 0.04281	\$ 0.04498	\$ 0.04677	\$ 0.04746	\$ 0.04758	\$ 0.04786	\$ 0.04789	\$ 0.04767	\$ 0.04786	\$ 0.04674	\$ 0.04674	
E19	99.5%	\$ 0.00090	\$ 0.00863	\$ 0.03243	\$ 0.03922	\$ 0.04122	\$ 0.04286	\$ 0.04349	\$ 0.04360	\$ 0.04386	\$ 0.04389	\$ 0.04366	\$ 0.04386	\$ 0.04283	\$ 0.04283	
Streetlights	83.8%	\$ 0.00076	\$ 0.00727	\$ 0.02733	\$ 0.03306	\$ 0.03474	\$ 0.03613	\$ 0.03666	\$ 0.03675	\$ 0.03697	\$ 0.03699	\$ 0.03682	\$ 0.03697	\$ 0.03610	\$ 0.03611	
Standby	76.0%	\$ 0.00069	\$ 0.00659	\$ 0.02477	\$ 0.03149	\$ 0.03275	\$ 0.03323	\$ 0.03351	\$ 0.03353	\$ 0.03351	\$ 0.03353	\$ 0.03351	\$ 0.03372	\$ 0.03272	\$ 0.03273	
Agriculture	94.0%	\$ 0.00085	\$ 0.00815	\$ 0.03065	\$ 0.03707	\$ 0.03896	\$ 0.04051	\$ 0.04111	\$ 0.04121	\$ 0.04145	\$ 0.04148	\$ 0.04128	\$ 0.04145	\$ 0.04048	\$ 0.04048	
E20 T (Excluding FPP)	85.4%	\$ 0.00078	\$ 0.00741	\$ 0.02783	\$ 0.03366	\$ 0.03537	\$ 0.03678	\$ 0.03733	\$ 0.03742	\$ 0.03766	\$ 0.03764	\$ 0.03749	\$ 0.03764	\$ 0.03676	\$ 0.03676	
E20 P (Excluding FPP)	92.0%	\$ 0.00084	\$ 0.00798	\$ 0.02999	\$ 0.03628	\$ 0.03812	\$ 0.03964	\$ 0.04022	\$ 0.04032	\$ 0.04056	\$ 0.04059	\$ 0.04040	\$ 0.04056	\$ 0.03961	\$ 0.03961	
E20 S (Excluding FPP)	95.7%	\$ 0.00087	\$ 0.00830	\$ 0.03120	\$ 0.03774	\$ 0.03965	\$ 0.04123	\$ 0.04184	\$ 0.04195	\$ 0.04220	\$ 0.04222	\$ 0.04202	\$ 0.04219	\$ 0.04121	\$ 0.04121	
System Average	100.0%	\$ 0.00091	\$ 0.00873	\$ 0.03279	\$ 0.03970	\$ 0.04181	\$ 0.04348	\$ 0.04413	\$ 0.04423	\$ 0.04447	\$ 0.04449	\$ 0.04420	\$ 0.04437	\$ 0.04298	\$ 0.04298	
RATIO TEST:		Generation Rate Ratio - CHECK Same Class Ratios for all vintages														
Rate Group	Generation Rate Ratio (GRC)	System	System	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Residential	105.2%	n/a	n/a	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	
Small L&P	100.8%	n/a	n/a	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	
Medium L&P	108.6%	n/a	n/a	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	
E19	99.5%	n/a	n/a	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	
Streetlights	83.8%	n/a	n/a	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	
Standby	76.0%	n/a	n/a	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	
Agriculture	94.0%	n/a	n/a	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	
E20 T	85.4%	n/a	n/a	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	
E20 P	92.0%	n/a	n/a	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	
E20 S	95.7%	n/a	n/a	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	
System Average	100.0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
		Forecast Vintaged Sales (kWh) Responsible for Vintaged Portfolio Indifference Amount														
Rate Group	System Sales (Excl. FPP)	System	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Residential	27,796,093,172	27,747,758,888	27,747,758,888	27,690,538,712	27,674,454,372	27,318,904,324	27,312,000,560	27,165,304,080	26,072,311,815	26,067,289,442	23,306,055,460	20,131,744,077	14,120,949,641	13,888,130,144	13,888,130,144	
Small L&P	7,955,929,824	7,916,581,048	7,916,581,048	7,900,695,898	7,878,339,016	7,739,634,020	7,735,539,098	7,456,998,071	7,265,637,237	7,157,742,330	6,063,487,375	4,201,568,196	3,189,988,112	3,141,528,117	3,141,528,117	
Medium L&P	8,438,182,366	8,134,511,843	8,134,511,843	8,088,780,279	7,910,843,999	7,782,778,180	7,757,957,067	7,514,495,363	7,350,981,002	7,267,135,916	6,043,546,318	4,203,282,229	3,107,955,792	3,096,947,126	3,096,947,126	
E19	13,615,269,999	11,661,011,595	11,661,011,595	11,342,377,676	10,555,406,936	10,388,703,787	10,341,903,992	10,098,862,167	9,831,978,511	9,918,515,296	9,831,978,511	8,721,005,989	5,969,461,428	4,254,855,612	4,233,550,576	
Streetlights	358,582,679	228,693,213	228,693,213	226,706,973	226,484,283	224,057,508	224,057,251	216,706,192	209,851,541	208,752,829	185,901,356	167,919,356	87,191,398	86,876,530	86,876,530	
Standby	507,232,749	493,400,221	493,400,221	493,382,768	493,095,922	493,095,922	493,095,922	492,996,812	492,996,812	492,996,812	487,770,628	461,174,430	461,174,430	458,131,249	458,131,249	
Agriculture	5,668,747,441	5,618,979,561	5,618,979,561	5,618,929,794	5,617,247,743	5,610,478,996	5,610,015,169	5,608,730,037	5,543,017,586	5,540,202,687	5,480,615,695	4,695,336,965	4,645,446,442	4,640,167,057	4,640,167,057	
E20 T	6,675,522,071	4,727,738,330	4,727,738,330	4,441,990,882	3,718,603,329	3,564,923,902	3,564,923,902	3,543,060,734	3,543,060,734	3,543,060,734	3,280,335,545	2,762,991,160	2,731,694,771	2,617,715,830	2,617,715,830	
E20 P	7,187,362,020	5,318,549,848	5,318,549,848	5,056,661,261	4,707,310,067	4,530,242,887	4,504,440,209	4,401,141,238	4,337,249,507	4,327,178,681	4,029,439,021	3,069,729,601	2,709,060,042	2,709,060,042	2,709,060,042	
E20 S	2,463,297,976	1,943,755,548	1,943,755,548	1,861,366,372	1,730,777,379	1,703,445,525	1,694,973,968	1,674,695,747	1,653,081,913	1,492,072,365	1,157,536,409	1,072,594,767	1,072,594,767	1,072,594,767	1,072,594,767	
Total	80,667,220,296	73,790,980,095	73,790,980,095	72,721,448,067	70,512,867,345	69,400,714,419	69,239,193,985	68,194,952,709	66,385,854,498	66,089,419,854	59,018,229,752	46,755,444,429	36,380,908,859	35,944,701,438	35,944,701,438	
		Allocated Incremental RRQ Responsibility for Each Portfolio of Resources (\$)														
Rate Group	Generation Rate Ratio (GRC)	System	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Residential	105.2%	\$ 26,548,574	\$ 253,153,397	\$ 698,229,829	\$ 199,055,901	\$ 58,315,868	\$ 47,431,343	\$ 18,280,771	\$ 3,078,804							

Rate Group	CTC Rate		Uncapped Incremental Rate scaled to RRQ for Each Portfolio of Resources (\$/kWh)															
	System	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020				
Residential	\$ 0.00096	\$ 0.00907	\$ 0.02501	\$ 0.00714	\$ 0.00209	\$ 0.00172	\$ 0.00066	\$ 0.00011	\$ 0.00027	\$ 0.00003	\$ (0.00022)	\$ 0.00019	\$ (0.00109)	\$ 0.00000				
Small L&P	\$ 0.00092	\$ 0.00889	\$ 0.02396	\$ 0.00684	\$ 0.00200	\$ 0.00165	\$ 0.00064	\$ 0.00011	\$ 0.00026	\$ 0.00003	\$ (0.00021)	\$ 0.00018	\$ (0.00104)	\$ 0.00000				
Medium L&P	\$ 0.00099	\$ 0.00936	\$ 0.02582	\$ 0.00737	\$ 0.00216	\$ 0.00178	\$ 0.00068	\$ 0.00012	\$ 0.00028	\$ 0.00003	\$ (0.00022)	\$ 0.00019	\$ (0.00112)	\$ 0.00000				
E19	\$ 0.00090	\$ 0.00898	\$ 0.02366	\$ 0.00675	\$ 0.00196	\$ 0.00163	\$ 0.00063	\$ 0.00011	\$ 0.00026	\$ 0.00003	\$ (0.00020)	\$ 0.00018	\$ (0.00103)	\$ 0.00000				
Streetlights	\$ 0.00076	\$ 0.00723	\$ 0.01994	\$ 0.00569	\$ 0.00166	\$ 0.00137	\$ 0.00053	\$ 0.00009	\$ 0.00022	\$ 0.00002	\$ (0.00017)	\$ 0.00015	\$ (0.00087)	\$ 0.00000				
Standby	\$ 0.00069	\$ 0.00655	\$ 0.01807	\$ 0.00516	\$ 0.00151	\$ 0.00124	\$ 0.00048	\$ 0.00008	\$ 0.00020	\$ 0.00002	\$ (0.00016)	\$ 0.00013	\$ (0.00079)	\$ 0.00000				
Agriculture	\$ 0.00085	\$ 0.00811	\$ 0.02236	\$ 0.00638	\$ 0.00187	\$ 0.00154	\$ 0.00059	\$ 0.00010	\$ 0.00024	\$ 0.00003	\$ (0.00019)	\$ 0.00017	\$ (0.00097)	\$ 0.00000				
E20 T	\$ 0.00078	\$ 0.00736	\$ 0.02030	\$ 0.00579	\$ 0.00170	\$ 0.00140	\$ 0.00054	\$ 0.00009	\$ 0.00022	\$ 0.00002	\$ (0.00018)	\$ 0.00015	\$ (0.00088)	\$ 0.00000				
E20 P	\$ 0.00084	\$ 0.00793	\$ 0.02188	\$ 0.00624	\$ 0.00183	\$ 0.00150	\$ 0.00058	\$ 0.00010	\$ 0.00024	\$ 0.00002	\$ (0.00019)	\$ 0.00016	\$ (0.00095)	\$ 0.00000				
E20 S	\$ 0.00087	\$ 0.00825	\$ 0.02276	\$ 0.00650	\$ 0.00190	\$ 0.00157	\$ 0.00060	\$ 0.00010	\$ 0.00025	\$ 0.00003	\$ (0.00020)	\$ 0.00017	\$ (0.00099)	\$ 0.00000				
Average	\$ 0.00091	\$ 0.00867	\$ 0.02392	\$ 0.00683	\$ 0.00200	\$ 0.00165	\$ 0.00064	\$ 0.00011	\$ 0.00026	\$ 0.00003	\$ (0.00021)	\$ 0.00018	\$ (0.00103)	\$ 0.00000				

Rate Group	CTC Rate		Uncapped Cumulative PCIA Rates by Vintage Year (\$/kWh) w/o DWR FF															
	System	Pre-2009	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020				
Residential	\$ 0.00096	\$ -	\$ 0.03408	\$ 0.04122	\$ 0.04331	\$ 0.04503	\$ 0.04570	\$ 0.04581	\$ 0.04608	\$ 0.04611	\$ 0.04589	\$ 0.04608	\$ 0.04499	\$ 0.04499				
Small L&P	\$ 0.00092	\$ -	\$ 0.03265	\$ 0.03949	\$ 0.04149	\$ 0.04314	\$ 0.04378	\$ 0.04388	\$ 0.04414	\$ 0.04417	\$ 0.04396	\$ 0.04414	\$ 0.04310	\$ 0.04310				
Medium L&P	\$ 0.00099	\$ -	\$ 0.03518	\$ 0.04255	\$ 0.04470	\$ 0.04648	\$ 0.04716	\$ 0.04728	\$ 0.04756	\$ 0.04759	\$ 0.04736	\$ 0.04755	\$ 0.04643	\$ 0.04643				
E19	\$ 0.00090	\$ -	\$ 0.03223	\$ 0.03899	\$ 0.04096	\$ 0.04259	\$ 0.04322	\$ 0.04358	\$ 0.04361	\$ 0.04340	\$ 0.04358	\$ 0.04358	\$ 0.04255	\$ 0.04255				
Streetlights	\$ 0.00076	\$ -	\$ 0.02717	\$ 0.03286	\$ 0.03453	\$ 0.03590	\$ 0.03643	\$ 0.03652	\$ 0.03673	\$ 0.03676	\$ 0.03658	\$ 0.03673	\$ 0.03586	\$ 0.03586				
Standby	\$ 0.00069	\$ -	\$ 0.02463	\$ 0.02979	\$ 0.03130	\$ 0.03254	\$ 0.03302	\$ 0.03330	\$ 0.03336	\$ 0.03316	\$ 0.03329	\$ 0.03329	\$ 0.03251	\$ 0.03251				
Agriculture	\$ 0.00085	\$ -	\$ 0.03047	\$ 0.03685	\$ 0.03871	\$ 0.04025	\$ 0.04084	\$ 0.04094	\$ 0.04119	\$ 0.04121	\$ 0.04102	\$ 0.04119	\$ 0.04021	\$ 0.04021				
E20 T	\$ 0.00078	\$ -	\$ 0.02766	\$ 0.03346	\$ 0.03515	\$ 0.03655	\$ 0.03709	\$ 0.03718	\$ 0.03740	\$ 0.03742	\$ 0.03725	\$ 0.03740	\$ 0.03652	\$ 0.03652				
E20 P	\$ 0.00084	\$ -	\$ 0.02981	\$ 0.03606	\$ 0.03788	\$ 0.03939	\$ 0.03997	\$ 0.04007	\$ 0.04030	\$ 0.04033	\$ 0.04014	\$ 0.04030	\$ 0.03935	\$ 0.03935				
E20 S	\$ 0.00087	\$ -	\$ 0.03101	\$ 0.03751	\$ 0.03941	\$ 0.04097	\$ 0.04158	\$ 0.04168	\$ 0.04193	\$ 0.04195	\$ 0.04175	\$ 0.04192	\$ 0.04094	\$ 0.04094				
Average	\$ 0.00091	\$ -	\$ 0.03260	\$ 0.03943	\$ 0.04144	\$ 0.04309	\$ 0.04372	\$ 0.04383	\$ 0.04409	\$ 0.04412	\$ 0.04391	\$ 0.04409	\$ 0.04306	\$ 0.04306				

						DWR Franchise Fee (All PCIA Vintages) = \$ 0.00004 Rounded											
	CTC Allocation	CTC Revenue	CTC Rate	Proposed PCIA Rates w/DWR FF													
Rate Group				Pre-2009	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Residential	36.25%	\$ 26,557,177	\$ 0.00096	\$ -	\$ 0.03412	\$ 0.04126	\$ 0.04335	\$ 0.04507	\$ 0.04574	\$ 0.04585	\$ 0.04612	\$ 0.04615	\$ 0.04593	\$ 0.04612	\$ 0.04503	\$ 0.04503	
Small L&P	9.94%	\$ 7,281,906	\$ 0.00092	\$ -	\$ 0.03269	\$ 0.03953	\$ 0.04153	\$ 0.04318	\$ 0.04382	\$ 0.04392	\$ 0.04418	\$ 0.04421	\$ 0.04400	\$ 0.04418	\$ 0.04314	\$ 0.04314	
Medium L&P	11.36%	\$ 8,321,559	\$ 0.00099	\$ -	\$ 0.03522	\$ 0.04259	\$ 0.04474	\$ 0.04652	\$ 0.04720	\$ 0.04732	\$ 0.04760	\$ 0.04763	\$ 0.04740	\$ 0.04759	\$ 0.04647	\$ 0.04647	
E19	16.79%	\$ 12,302,516	\$ 0.00090	\$ -	\$ 0.03227	\$ 0.03903	\$ 0.04100	\$ 0.04263	\$ 0.04326	\$ 0.04336	\$ 0.04362	\$ 0.04365	\$ 0.04344	\$ 0.04362	\$ 0.04259	\$ 0.04259	
Streetlights	0.37%	\$ 273,107	\$ 0.00076	\$ -	\$ 0.02721	\$ 0.03290	\$ 0.03457	\$ 0.03594	\$ 0.03647	\$ 0.03656	\$ 0.03677	\$ 0.03680	\$ 0.03662	\$ 0.03677	\$ 0.03590	\$ 0.03590	
Standby	0.48%	\$ 350,171	\$ 0.00069	\$ -	\$ 0.02467	\$ 0.02983	\$ 0.03134	\$ 0.03258	\$ 0.03306	\$ 0.03314	\$ 0.03334	\$ 0.03336	\$ 0.03320	\$ 0.03333	\$ 0.03255	\$ 0.03255	
Agriculture	6.61%	\$ 4,841,093	\$ 0.00085	\$ -	\$ 0.03051	\$ 0.03689	\$ 0.03875	\$ 0.04029	\$ 0.04098	\$ 0.04123	\$ 0.04106	\$ 0.04123	\$ 0.04025	\$ 0.04123	\$ 0.04025	\$ 0.04025	
E20 T	7.07%	\$ 5,176,914	\$ 0.00078	\$ -	\$ 0.02770	\$ 0.03350	\$ 0.03519	\$ 0.03659	\$ 0.03713	\$ 0.03722	\$ 0.03744	\$ 0.03746	\$ 0.03729	\$ 0.03744	\$ 0.03656	\$ 0.03656	
E20 P	8.20%	\$ 6,006,112	\$ 0.00084	\$ -	\$ 0.02985	\$ 0.03610	\$ 0.03792	\$ 0.03943	\$ 0.04001	\$ 0.04034	\$ 0.04037	\$ 0.04018	\$ 0.04034	\$ 0.04034	\$ 0.03939	\$ 0.03939	
E20 S	2.92%	\$ 2,141,366	\$ 0.00087	\$ -	\$ 0.03105	\$ 0.03755	\$ 0.03945	\$ 0.04101	\$ 0.04162	\$ 0.04172	\$ 0.04197	\$ 0.04199	\$ 0.04179	\$ 0.04196	\$ 0.04098	\$ 0.04098	
Average	100.0%	\$ 73,251,809	\$ 0.00091	\$ -	\$ 0.03264	\$ 0.03947	\$ 0.04148	\$ 0.04313	\$ 0.04376	\$ 0.04387	\$ 0.04413	\$ 0.04416	\$ 0.04395	\$ 0.04413	\$ 0.04310	\$ 0.04310	

		Forecast of Vintage Sales - November Update												DA/CCA w/PCIA											
Rate Group		Vin 09	Vin 10	Vin 11	Vin 12	Vin 13	Vin 14	Vin 15	Vin 16	Vin 17	Vin 18	Vin 19	Vin 20			Pre-2009	FPP	Total DA/CCA	Bundled	Subtotal	DL	Total	Total System (excl. FPP)		
Residential		57,220,176	16,084,340	355,550,048	6,903,764	146,696,480	1,092,992,265	5,022,373	2,761,233,982	3,174,311,382	6,010,794,436	232,819,498	-	13,859,628,745	46,546,966	-	-	13,906,175,710	13,888,130,144	27,794,305,854	1,787,318	27,796,093,172	27,796,093,172		
Small L&P		15,885,151	22,356,881	138,704,997	4,094,922	278,541,027	191,360,834	107,894,907	1,094,254,954	1,861,919,179	1,011,580,085	48,459,994	-	4,799,052,931	23,952,119	-	-	4,799,005,051	7,940,533,168	15,396,656	7,955,929,824	7,955,929,824	7,955,929,824		
Medium L&P		45,731,565	177,936,280	128,065,819	24,821,113	243,461,714	163,514,151	83,845,287	1,223,589,598	1,840,264,088	1,095,326,437	11,006,696	-	5,037,564,717	258,642,510	-	-	5,296,207,227	3,096,947,126	46,028,013	8,439,182,366	8,439,182,366	8,439,182,366		
E19		318,633,919	786,970,740	166,703,150	46,799,794	243,041,825	180,346,871	86,536,785	1,110,972,521	2,751,544,561	1,714,605,817	21,305,036	-	7,427,461,019	1,840,959,777	-	-	9,268,420,796	4,233,560,576	13,501,971,372	113,298,626	13,615,269,999	13,615,269,999		
Streetlights		1,986,240	222,689	2,426,775	257	7,351,059	7,754,651	198,712	22,851,473	83,281,424	15,428,533	314,868	-	141,816,682	16,216,361	-	-	158,033,043	86,876,530	244,909,574	113,673,105	358,582,679	358,582,679		
Standby		-	-	17,452	-	286,847	50,456	5,226,184	26,596,198	26,596,198	2,148	3,041,033	-	35,268,972	13,822,640	-	-	49,091,612	458,131,249	507,222,861	9,888	5,077,232,749	5,077,232,749		
Agriculture		49,767	1,682,051	6,768,746	463,827	1,285,133	65,712,051	2,815,299	59,586,982	785,278,730	49,890,523	35,279,365	-	1,008,812,504	25,773,217	-	-	1,034,585,721	4,610,167,057	5,644,752,778	23,994,663	5,668,747,441	5,668,747,441		
E20 T		285,747,448	723,387,554	109,516,905	44,162,522	-	21,863,168	-	334,725,189	445,344,384	31,296,389	83,978,941	-	2,080,022,500	1,326,081,778	294,654,265	-	3,700,758,544	2,647,715,830	6,348,474,374	621,701,963	6,970,176,336	6,970,176,336		
E20 P		261,888,587	349,351,194	177,067,180	25,802,678	103,298,972	83,891,731	10,070,825	297,739,660	959,709,420	1,637,570,893	360,669,905	-	2,609,489,806	9,705,410,020	-	-	6,975,401,020	2,709,060,042	9,706,712,300	7,187,362,020	7,187,362,020	7,187,362,020		
E20 S		82,389,176	130,588,932	27,331,854	8,471,557	20,278,120	21,613,835	-	161,009,547	334,535,957	84,541,642	-	-	871,160,757	459,301,126	105,995,455	-	1,436,457,357	1,072,594,762	60,241,306	2,569,292,326	2,463,297,976	2,463,297,976		
Total		1,069,532,028	2,208,580,722	11,112,592,824	161,520,434	1,044,241,276	1,809,098,210	296,434,644	7,071,190,102	17,846,278,651	10,734,535,559	436,207,422	-	37,846,267,857	5,648,867,383	420,000,000	-	43,915,146,040	35,944,701,438	79,859,847,478	1,227,372,818	81,087,220,296	80,867,220,296		

		Forecast PCIA Revenue (\$) by Vintage by Rate Class																			
Rate Group		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	DA/CCA w/PCIA		Pre-2009	FPP	Total DA/CCA	Bundled	Total PCIA Revenue	
Residential		\$ 1,952,574	\$ 663,693	\$ 15,413,767	\$ 311,170	\$ 6,709,264	\$ 50,111,511	\$ 231,633	\$ 127,426,161	\$ 145,801,547	\$ 277,202,069	\$ 10,484,064	\$ -	\$ 636,307,452	\$ -	\$ -	\$ -	\$ 636,307,452	\$ 625,394,559	\$ 1,261,702,011	
Small L&P		\$ 519,311	\$ 883,791	\$ 5,760,679	\$ 176,819	\$ 12,204,416	\$ 8,405,162	\$ 4,767,219	\$ 48,377,832	\$ 81,930,575	\$ 44,692,780	\$ 2,090,579	\$ -	\$ 209,809,165	\$ -	\$ -	\$ -	\$ 209,809,165	\$ 135,526,486	\$ 345,335,651	
Medium L&P		\$ 1,610,514	\$ 7,577,421	\$ 5,729,741	\$ 1,154,587	\$ 11,491,593	\$ 7,736,956	\$ 3,990,844	\$ 58,275,450	\$ 87,234,278	\$ 52,131,788	\$ 511,610	\$ -	\$ 237,444,785	\$ -	\$ -	\$ -	\$ 237,444,785	\$ 143,925,681	\$ 381,370,465	
E19		\$ 10,283,690	\$ 30,712,569	\$ 6,835,093	\$ 1,995,018	\$ 10,513,022	\$ 7,820,244	\$ 3,774,710	\$ 48,489,740	\$ 119,530,961	\$ 74,785,956	\$ 907,370	\$ -	\$ 315,648,373	\$ -	\$ -	\$ -	\$ 315,648,373	\$ 180,304,582	\$ 495,952,955	
Streetlights		\$ 54,046	\$ 7,327	\$ 83,885	\$ 9	\$ 268,069	\$ 283,481	\$ 7,307	\$ 840,634	\$ 3,050,013	\$ 567,322	\$ 11,305	\$ -	\$ 5,173,598	\$ -	\$ -	\$ -	\$ 5,173,598	\$ 3,119,289	\$ 8,292,886	
Standby		\$ -	\$ -	\$ 547	\$ -	\$ 9,483	\$ 1,612	\$ 1,882	\$ 174,325	\$ 882,982	\$ 72	\$ 98,981	\$ -	\$ 1,169,683	\$ -	\$ -	\$ -	\$ 1,169,683	\$ 14,911,544	\$ 16,081,227	
Agriculture		\$ 1,518	\$ 62,046	\$ 262,314	\$ 18,688	\$ 52,542	\$ 2,693,200	\$ 116,070	\$ 2,458,157	\$ 32,243,301	\$ 2,056,769	\$ 1,420,153	\$ -	\$ 41,384,759	\$ -	\$ -	\$ -	\$ 41,384,759	\$ 185,579,900	\$ 226,964,659	
E20 T		\$ 7,916,584	\$ 24,233,252	\$ 3,854,440	\$ 1,615,972	\$ -	\$ 813,768	\$ -	\$ 12,540,368	\$ 16,606,399	\$ 1,171,724	\$ 3,070,078	\$ -	\$ 71,822,584	\$ -	\$ -	\$ -	\$ 71,822,584	\$ 96,794,424	\$ 168,617,009	
E20 P		\$ 7,817,601	\$ 12,609,915	\$ 6,714,741	\$ 1,017,319	\$ 4,132,676	\$ 2,962,389	\$ 406,290	\$ 12,019,095	\$ 38,559,581	\$ 14,549,692	\$ -	\$ -	\$ 100,389,300	\$ -	\$ -	\$ -	\$ 100,389,300	\$ 106,711,194	\$ 207,100,494	
E20 S		\$ 2,558,306	\$ 4,903,271	\$ 1,078,178	\$ 347,445	\$ 843,911	\$ 901,703	\$ -	\$ 6,761,111	\$ 13,981,914	\$ 3,564,481	\$ -	\$ -	\$ 34,940,320	\$ -	\$ -	\$ -	\$ 34,940,320	\$ 43,949,907	\$ 78,890,228	
Total		\$ 32,714,144	\$ 81,653,285	\$ 45,733,386	\$ 6,637,027	\$ 46,224,974	\$ 81,330,027	\$ 13,295,756	\$ 317,363,072	\$ 539,821,550	\$ 470,722,654	\$ 18,594,141	\$ -	\$ 1,654,090,018	\$ -	\$ -	\$ -	\$ 1,654,090,018	\$ 1,536,217,567	\$ 3,190,307,585	
																n/a	n/a		Applied 2020 Vintage	#REF!	
Less: DWR FF															\$ 1,513,851			\$ 1,513,851	\$ 1,437,788	\$ 2,951,639	
PCIA Less DWR FF															\$ 1,652,576,167			\$ 1,652,576,167	\$ 1,534,779,779	\$ 3,187,355,946	\$ 3,187,480,051

2019 ERRR Forecast PCIA Rates (with DWR Franchise Fee) - Advice 5527-E-B

Rate Group	Currently Effective PCIA Rates by Vintage										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Residential	0.02105	0.02450	0.02553	0.02674	0.02695	0.02698	0.02706	0.02695	0.02701	0.02709	0.02979
Small L&P	0.02131	0.02465	0.02564	0.02677	0.02696	0.02699	0.02705	0.02693	0.02699	0.02706	0.02905
Medium L&P	0.02221	0.02567	0.02671	0.02788	0.02808	0.02810	0.02816	0.02804	0.02810	0.02818	0.03019
E19	0.02105	0.02429	0.02525	0.02633	0.02652	0.02654	0.02659	0.02647	0.02653	0.02660	0.02830
Streetlights	0.01882	0.02150	0.02230	0.02312	0.02326	0.02327	0.02329	0.02318	0.02322	0.02328	0.02375
Standby	0.01647	0.01893	0.01966	0.02046	0.02059	0.02061	0.02064	0.02054	0.02058	0.02064	0.02160
Agriculture	0.01886	0.02186	0.02275	0.02378	0.02396	0.02398	0.02404	0.02394	0.02399	0.02406	0.02605
E20 T (Excluding FPP)	0.01795	0.02070	0.02152	0.02243	0.02259	0.02260	0.02265	0.02255	0.02259	0.02266	0.02405
E20 P (Excluding FPP)	0.01907	0.02200	0.02287	0.02385	0.02401	0.02403	0.02408	0.02397	0.02402	0.02409	0.02561
E20 S (Excluding FPP)	0.02032	0.02345	0.02438	0.02542	0.02560	0.02562	0.02567	0.02556	0.02561	0.02568	0.02731
System Average PCIA Rate by Vintage	0.01935	0.02235	0.02468	0.02456	0.02662	0.02706	0.02689	0.02675	0.02670	0.02672	0.02880

Capped System Average 2019 PCIA Rates with DWR FF allocated using 2020 GRRs

Rate Group	Proposed PCIA Rates by Vintage										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Residential	0.02561	0.02877	0.03122	0.03109	0.03325	0.03372	0.03354	0.03340	0.03334	0.03336	0.03555
Small L&P	0.02453	0.02756	0.02990	0.02979	0.03186	0.03230	0.03213	0.03199	0.03194	0.03196	0.03406
Medium L&P	0.02643	0.02969	0.03222	0.03209	0.03432	0.03480	0.03461	0.03447	0.03441	0.03443	0.03669
E19	0.02422	0.02721	0.02952	0.02941	0.03145	0.03189	0.03172	0.03158	0.03153	0.03155	0.03362
Streetlights	0.02042	0.02293	0.02488	0.02479	0.02651	0.02688	0.02673	0.02662	0.02658	0.02660	0.02834
Standby	0.01850	0.02079	0.02256	0.02247	0.02403	0.02437	0.02423	0.02413	0.02409	0.02411	0.02569
Agriculture	0.02289	0.02571	0.02790	0.02779	0.02972	0.03014	0.02998	0.02985	0.02980	0.02982	0.03178
E20 T (Excluding FPP)	0.02079	0.02335	0.02534	0.02524	0.02699	0.02737	0.02722	0.02711	0.02706	0.02708	0.02886
E20 P (Excluding FPP)	0.02240	0.02516	0.02730	0.02720	0.02908	0.02949	0.02933	0.02921	0.02916	0.02918	0.03109
E20 S (Excluding FPP)	0.02330	0.02617	0.02840	0.02829	0.03026	0.03068	0.03051	0.03039	0.03033	0.03036	0.03235
System Average PCIA Rate by Vintage	0.02435	0.02735	0.02968	0.02956	0.03162	0.03206	0.03189	0.03175	0.03170	0.03172	0.03380
	CAPPED	CAPPED	CAPPED	CAPPED	CAPPED	CAPPED	CAPPED	CAPPED	CAPPED	CAPPED	CAPPED

Rate Group	Generation Rate Ratio - CHECK Same Class Ratios for all vintages										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Residential	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%	105.2%
Small L&P	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%	100.8%
Medium L&P	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%	108.6%
E19	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%
Streetlights	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%	83.8%
Standby	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%	76.0%
Agriculture	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
E20 T (Excluding FPP)	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%	85.4%
E20 P (Excluding FPP)	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%
E20 S (Excluding FPP)	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%	95.7%
System Average PCIA Rate by Vintage	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Proposed 2020 ERRA Forecast PCIA Rates (without DWR Franchise Fee) - November Update

2020 Gen Rate Ratio Adjusted for GRC Ph II
105.2%
100.8%
108.6%
99.5%
83.8%
76.0%
94.0%
85.4%
92.0%
95.7%

CAM Allocation Adjustment Rates by Vintage by Class

		Proposed CAM Adjustment by Vintage											
Rate Group		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Residential		(0.00004)	(0.00004)	(0.00004)	(0.00005)	(0.00005)	(0.00011)	(0.00029)	(0.00082)	(0.00131)	(0.00229)	(0.00260)	(0.00260)
Small L&P		(0.00004)	(0.00004)	(0.00003)	(0.00004)	(0.00005)	(0.00011)	(0.00027)	(0.00079)	(0.00126)	(0.00219)	(0.00249)	(0.00249)
Medium L&P		(0.00005)	(0.00004)	(0.00004)	(0.00005)	(0.00006)	(0.00011)	(0.00030)	(0.00085)	(0.00135)	(0.00236)	(0.00269)	(0.00269)
E19		(0.00004)	(0.00004)	(0.00003)	(0.00004)	(0.00005)	(0.00010)	(0.00027)	(0.00078)	(0.00124)	(0.00216)	(0.00246)	(0.00246)
Streetlights		(0.00003)	(0.00003)	(0.00003)	(0.00004)	(0.00004)	(0.00009)	(0.00023)	(0.00065)	(0.00105)	(0.00182)	(0.00207)	(0.00207)
Standby		(0.00003)	(0.00003)	(0.00003)	(0.00003)	(0.00004)	(0.00008)	(0.00021)	(0.00059)	(0.00095)	(0.00165)	(0.00188)	(0.00188)
Agriculture		(0.00004)	(0.00003)	(0.00003)	(0.00004)	(0.00005)	(0.00010)	(0.00026)	(0.00073)	(0.00117)	(0.00204)	(0.00233)	(0.00233)
E20 T (Excluding FPP)		(0.00004)	(0.00003)	(0.00003)	(0.00004)	(0.00004)	(0.00009)	(0.00023)	(0.00067)	(0.00106)	(0.00186)	(0.00211)	(0.00211)
E20 P (Excluding FPP)		(0.00004)	(0.00003)	(0.00003)	(0.00004)	(0.00005)	(0.00010)	(0.00025)	(0.00072)	(0.00115)	(0.00200)	(0.00228)	(0.00228)
E20 S (Excluding FPP)		(0.00004)	(0.00003)	(0.00003)	(0.00004)	(0.00005)	(0.00010)	(0.00026)	(0.00075)	(0.00119)	(0.00208)	(0.00237)	(0.00237)
Table B, July Supplement, Rate Proposal Adjustment		(0.00004)	(0.00004)	(0.00003)	(0.00004)	(0.00005)	(0.00011)	(0.00027)	(0.00078)	(0.00125)	(0.00217)	(0.00247)	(0.00247)

INCREMENTAL 2020 Erra Forecast UNCAPPED PCIA Rates including CAM Rate Adjustment w/o DWR FF

Rate Group	UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Residential	0.00912	0.02492	0.00715	0.00209	0.00171	0.00065	0.00006	0.00010	(0.00051)	(0.00071)	(0.00079)	(0.00140)	-
Small L&P	0.00874	0.02387	0.00685	0.00200	0.00164	0.00063	0.00005	0.00009	(0.00049)	(0.00068)	(0.00076)	(0.00134)	-
Medium L&P	0.00942	0.02572	0.00737	0.00216	0.00177	0.00068	0.00006	0.00010	(0.00052)	(0.00073)	(0.00081)	(0.00145)	-
E19	0.00863	0.02356	0.00676	0.00198	0.00162	0.00062	0.00005	0.00009	(0.00048)	(0.00067)	(0.00075)	(0.00133)	-
Streetlights	0.00727	0.01986	0.00570	0.00167	0.00136	0.00052	0.00004	0.00008	(0.00040)	(0.00056)	(0.00063)	(0.00112)	-
Standby	0.00659	0.01800	0.00516	0.00151	0.00124	0.00047	0.00004	0.00007	(0.00037)	(0.00051)	(0.00057)	(0.00101)	-
Agriculture	0.00815	0.02227	0.00639	0.00187	0.00153	0.00058	0.00005	0.00009	(0.00045)	(0.00063)	(0.00071)	(0.00125)	-
E20 T (Excluding FPP)	0.00741	0.02022	0.00580	0.00170	0.00139	0.00053	0.00005	0.00008	(0.00041)	(0.00057)	(0.00064)	(0.00114)	-
E20 P (Excluding FPP)	0.00798	0.02179	0.00625	0.00183	0.00150	0.00057	0.00005	0.00008	(0.00044)	(0.00062)	(0.00069)	(0.00123)	-
E20 S (Excluding FPP)	0.00830	0.02267	0.00650	0.00190	0.00156	0.00060	0.00005	0.00009	(0.00046)	(0.00064)	(0.00072)	(0.00128)	-
System Average PCIA Rate by Vintage	0.00873	0.02383	0.00684	0.00201	0.00164	0.00063	0.00005	0.00009	(0.00048)	(0.00067)	(0.00075)	(0.00133)	-

CUMULATIVE 2020 Erra Forecast UNCAPPED PCIA Rates including CAM Rate Adjustment w/o DWR FF

		PCIA Rates by Vintage											
Rate Group		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Residential		0.03404	0.04119	0.04328	0.04499	0.04564	0.04570	0.04579	0.04529	0.04458	0.04379	0.04239	0.04239
Small L&P		0.03261	0.03945	0.04146	0.04310	0.04372	0.04378	0.04387	0.04338	0.04271	0.04195	0.04061	0.04061
Medium L&P		0.03513	0.04251	0.04466	0.04643	0.04710	0.04716	0.04726	0.04674	0.04601	0.04520	0.04375	0.04375
E19		0.03219	0.03895	0.04093	0.04255	0.04316	0.04322	0.04331	0.04283	0.04216	0.04141	0.04009	0.04009
Streetlights		0.02714	0.03283	0.03450	0.03586	0.03638	0.03643	0.03650	0.03610	0.03554	0.03491	0.03379	0.03379
Standby		0.02460	0.02976	0.03127	0.03251	0.03298	0.03302	0.03309	0.03272	0.03221	0.03164	0.03063	0.03063
Agriculture		0.03043	0.03681	0.03868	0.04021	0.04080	0.04085	0.04093	0.04048	0.03985	0.03914	0.03789	0.03789
E20 T (Excluding FPP)		0.02763	0.03343	0.03513	0.03651	0.03705	0.03709	0.03717	0.03676	0.03618	0.03554	0.03441	0.03441
E20 P (Excluding FPP)		0.02977	0.03602	0.03785	0.03935	0.03992	0.03997	0.04005	0.03961	0.03899	0.03830	0.03707	0.03707
E20 S (Excluding FPP)		0.03097	0.03747	0.03938	0.04093	0.04153	0.04158	0.04167	0.04120	0.04056	0.03984	0.03857	0.03857
System Average PCIA Rate by Vintage		0.03256	0.03940	0.04140	0.04304	0.04367	0.04373	0.04382	0.04334	0.04266	0.04192	0.04058	0.04058

	Forecast 2020 CAM Adjustment Revenue (\$) by Vintage by Rate Class															
Rate Group		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	DA/CCA CAM Adjust Rate Revenue	Bundled CAM Adjust Rate Revenue	Total CAM Adjust Revenue
Residential		\$ (2,504)	\$ (606)	\$ (12,557)	\$ (315)	\$ (8,004)	\$ (121,101)	\$ (1,439)	\$ (2,267,261)	\$ (4,161,951)	\$ (13,742,379)	\$ (605,832)	-	\$ (20,923,948)	\$ (36,139,064)	\$ (57,063,012)
Small L&P		\$ (666)	\$ (806)	\$ (4,693)	\$ (179)	\$ (14,560)	\$ (20,311)	\$ (29,611)	\$ (860,742)	\$ (2,338,644)	\$ (2,215,574)	\$ (120,802)	-	\$ (5,606,588)	\$ (7,831,231)	\$ (13,437,819)
Medium L&P		\$ (2,065)	\$ (6,913)	\$ (4,668)	\$ (1,168)	\$ (13,710)	\$ (18,698)	\$ (24,790)	\$ (1,036,908)	\$ (2,490,197)	\$ (2,584,519)	\$ (29,565)	-	\$ (6,213,202)	\$ (8,317,122)	\$ (14,530,324)
E19		\$ (13,186)	\$ (28,019)	\$ (5,568)	\$ (2,018)	\$ (12,542)	\$ (18,898)	\$ (23,446)	\$ (862,723)	\$ (3,411,878)	\$ (3,707,353)	\$ (52,431)	-	\$ (8,138,060)	\$ (10,418,554)	\$ (18,556,614)
Streetlights		\$ (69)	\$ (7)	\$ (68)	\$ (0)	\$ (320)	\$ (685)	\$ (45)	\$ (14,957)	\$ (87,044)	\$ (28,119)	\$ (653)	-	\$ (131,968)	\$ (180,211)	\$ (312,179)
Standby		\$ -	\$ -	\$ (0)	\$ -	\$ (11)	\$ (4)	\$ (10)	\$ (3,101)	\$ (25,197)	\$ (4)	\$ (5,718)	-	\$ (34,045)	\$ (861,385)	\$ (895,430)
Agriculture		\$ (2)	\$ (57)	\$ (214)	\$ (19)	\$ (63)	\$ (6,508)	\$ (721)	\$ (43,733)	\$ (920,300)	\$ (101,954)	\$ (82,056)	-	\$ (1,155,626)	\$ (10,722,793)	\$ (11,878,419)
E20 T		\$ (10,149)	\$ (22,104)	\$ (3,139)	\$ (1,635)	\$ -	\$ (1,966)	\$ -	\$ (223,083)	\$ (473,939)	\$ (58,077)	\$ (177,371)	-	\$ (971,463)	\$ (5,592,212)	\$ (6,563,675)
E20 P		\$ (10,023)	\$ (11,503)	\$ (5,470)	\$ (1,029)	\$ (4,930)	\$ (6,192)	\$ (2,523)	\$ (213,826)	\$ (1,100,558)	\$ (721,216)	\$ -	-	\$ (2,077,269)	\$ (6,165,630)	\$ (8,242,900)
E20 S		\$ (3,280)	\$ (4,473)	\$ (878)	\$ (351)	\$ (1,007)	\$ (2,179)	\$ -	\$ (120,288)	\$ (399,084)	\$ (176,695)	\$ -	-	\$ (708,236)	\$ (2,539,467)	\$ (3,247,703)
Total		\$ (41,945)	\$ (74,487)	\$ (37,256)	\$ (6,714)	\$ (55,146)	\$ (196,541)	\$ (82,586)	\$ (5,646,621)	\$ (15,408,792)	\$ (23,335,890)	\$ (1,074,428)	-	\$ (45,960,405)	\$ (88,767,670)	\$ (134,728,075)

	(A) Expected PCIA Revenues from Capped Rates	(B) Expected PCIA Revenues from Un-Capped Rates	(C) Expected Return from CAM Adjustment	(D) Expected PCIA Revenues from Un-Capped, CAM Adjusted Rates (B) - (C)	(E) Under-recovery from Capping Rates (D) - (A)
Bundled Customers	\$1,534,779,779	\$1,534,779,779	\$88,767,670	\$1,446,012,109	n/a
DA / CCA Customers	\$1,197,239,261	\$1,652,576,167	\$45,960,405	\$1,606,615,762	\$409,376,501
Total Revenues	\$2,732,019,039	\$3,187,355,946	\$134,728,075	\$3,052,627,871	

Generation Rate Ratios

(A)		(B)	(B - A)
<u>2019 Gen Rate Ratio</u>		<u>2020 Gen Rate Ratio Adjusted for GRC Ph II</u>	<u>Delta</u>
105.4%		105.2%	-0.18%
102.8%		100.8%	-1.99%
106.8%		108.6%	1.76%
100.1%		99.5%	-0.61%
84.0%		83.8%	-0.14%
76.4%		76.0%	-0.36%
92.1%		94.0%	1.91%
85.1%		85.4%	0.32%
90.6%		92.0%	1.43%
<u>96.6%</u>		<u>95.7%</u>	<u>-0.89%</u>
100.0%		100.0%	0.00%
Approved 2019 Sales		Forecast 2020 Sales	
Proposed Rates		Proposed Rates	
2017 GRC		2017 GRC	

Appendix C

Comparison of the proposed 2020 average generation rates

APPENDIX C - TABLE 19-1

PACIFIC GAS AND ELECTRIC COMPANY

2020 ERRATA D.20-02-047 - AVERAGE GENERATION RATES FOR BUNDLED CUSTOMERS

Reflecting Revenues Produced from Capped PCIA Rates (Table 19-3)

Line No.	Customer Class	Proposed Rate (\$/kWh)
1	Residential	\$0.11752
2	Small Commercial	\$0.11507
3	Medium Commercial	\$0.12116
4	Large Commercial	\$0.11158
5	Streetlights	\$0.09364
6	Standby	\$0.08613
7	Agriculture	\$0.10856
8	E-20 T	\$0.09576
9	E-20 P	\$0.10210
10	E-20 S	\$0.10721

		Present Rate (\$/kWh)
11	Residential	\$0.11777
12	Small Commercial	\$0.11486
13	Medium Commercial	\$0.11939
14	Large Commercial	\$0.11186
15	Streetlights	\$0.09389
16	Standby	\$0.08536
17	Agriculture	\$0.10295
18	E-20 T	\$0.09528
19	E-20 P	\$0.10128
20	E-20 S	\$0.10796

		Change
21	Residential	-0.2%
22	Small Commercial	0.2%
23	Medium Commercial	1.5%
24	Large Commercial	-0.3%
25	Streetlights	-0.3%
26	Standby	0.9%
27	Agriculture	5.5%
28	E-20 T	0.5%
29	E-20 P	0.8%
30	E-20 S	-0.7%

APPENDIX C - TABLE 19-2

PACIFIC GAS AND ELECTRIC COMPANY

2020 ERRA D.20-02-047 - COMPETITIVE TRANSITION CHARGE (CTC) RATES

Line No.	Customer Class	Proposed Rate (\$/kWh)
1	Residential	\$0.00096
2	Small Commercial	\$0.00092
3	Medium Commercial	\$0.00099
4	Large Commercial	\$0.00090
5	Streetlights	\$0.00076
6	Standby	\$0.00069
7	Agriculture	\$0.00085
8	E-20 T	\$0.00078
9	E-20 P	\$0.00084
10	E-20 S	\$0.00087
		Present Rate (\$/kWh)
11	Residential	\$0.00110
12	Small Commercial	\$0.00107
13	Medium Commercial	\$0.00111
14	Large Commercial	\$0.00104
15	Streetlights	\$0.00087
16	Standby	\$0.00079
17	Agriculture	\$0.00096
18	E-20 T	\$0.00088
19	E-20 P	\$0.00094
20	E-20 S	\$0.00100
		Change
21	Residential	-13.1%
22	Small Commercial	-14.5%
23	Medium Commercial	-11.2%
24	Large Commercial	-13.1%
25	Streetlights	-12.5%
26	Standby	-12.6%
27	Agriculture	-11.0%
28	E-20 T	-11.9%
29	E-20 P	-11.1%
30	E-20 S	-13.1%

APPENDIX C - TABLE 19-3.2

PACIFIC GAS AND ELECTRIC COMPANY

2020 ERR A D.20-02-047 - CAPPED PCIA RATES (\$/KWH)

Proposed PCIA Rates including DWR FF

Line No.	Customer Class	2009 Vintage	2010 Vintage	2011 Vintage	2012 Vintage	2013 Vintage	2014 Vintage	2015 Vintage	2016 Vintage	2017 Vintage	2018 Vintage	2019 Vintage	2020 Vintage
1	Residential	\$0.02561	\$0.02877	\$0.03122	\$0.03109	\$0.03325	\$0.03372	\$0.03354	\$0.03340	\$0.03334	\$0.03336	\$0.03555	\$0.04243
2	Small Commercial	\$0.02453	\$0.02756	\$0.02990	\$0.02979	\$0.03186	\$0.03230	\$0.03213	\$0.03199	\$0.03194	\$0.03196	\$0.03406	\$0.04065
3	Medium Commercial	\$0.02643	\$0.02969	\$0.03222	\$0.03209	\$0.03432	\$0.03480	\$0.03461	\$0.03447	\$0.03441	\$0.03443	\$0.03669	\$0.04379
4	Large Commercial	\$0.02422	\$0.02721	\$0.02952	\$0.02941	\$0.03145	\$0.03189	\$0.03172	\$0.03158	\$0.03153	\$0.03155	\$0.03362	\$0.04013
5	Streetlights	\$0.02042	\$0.02293	\$0.02488	\$0.02479	\$0.02651	\$0.02688	\$0.02673	\$0.02662	\$0.02658	\$0.02660	\$0.02834	\$0.03384
6	Standby	\$0.01850	\$0.02079	\$0.02256	\$0.02247	\$0.02403	\$0.02437	\$0.02423	\$0.02413	\$0.02409	\$0.02411	\$0.02569	\$0.03067
7	Agriculture	\$0.02289	\$0.02571	\$0.02790	\$0.02779	\$0.02972	\$0.03014	\$0.02998	\$0.02985	\$0.02980	\$0.02982	\$0.03178	\$0.03793
8	E-20 T	\$0.02079	\$0.02335	\$0.02534	\$0.02524	\$0.02699	\$0.02737	\$0.02722	\$0.02711	\$0.02706	\$0.02708	\$0.02886	\$0.03445
9	E-20 P	\$0.02240	\$0.02516	\$0.02730	\$0.02720	\$0.02908	\$0.02949	\$0.02933	\$0.02921	\$0.02916	\$0.02918	\$0.03109	\$0.03711
10	E-20 S	\$0.02330	\$0.02617	\$0.02840	\$0.02829	\$0.03026	\$0.03068	\$0.03051	\$0.03039	\$0.03033	\$0.03036	\$0.03235	\$0.03861

Present 2019 PCIA Rates

	Customer Class	Vin 2009	Vin 2010	Vin 2011	Vin 2012	Vin 2013	Vin 2014	Vin 2015	Vin 2016	Vin 2017	Vin 2018	Vin 2019
11	Residential	0.02105	0.02450	0.02553	0.02674	0.02695	0.02698	0.02706	0.02695	0.02701	0.02709	0.02979
12	Small Commercial	0.02131	0.02465	0.02564	0.02677	0.02696	0.02699	0.02705	0.02693	0.02699	0.02706	0.02905
13	Medium Commercial	0.02221	0.02567	0.02671	0.02788	0.02808	0.02810	0.02816	0.02804	0.02810	0.02818	0.03019
14	Large Commercial	0.02105	0.02429	0.02525	0.02633	0.02652	0.02654	0.02659	0.02647	0.02653	0.02660	0.02830
15	Streetlights	0.01882	0.02150	0.02230	0.02312	0.02326	0.02327	0.02329	0.02318	0.02322	0.02328	0.02375
16	Standby	0.01647	0.01893	0.01966	0.02046	0.02059	0.02061	0.02064	0.02054	0.02058	0.02064	0.02160
17	Agriculture	0.01886	0.02186	0.02275	0.02378	0.02396	0.02398	0.02404	0.02394	0.02399	0.02406	0.02605
18	E-20 T	0.01795	0.02070	0.02152	0.02243	0.02259	0.02260	0.02265	0.02255	0.02259	0.02266	0.02405
19	E-20 P	0.01907	0.02200	0.02287	0.02385	0.02401	0.02403	0.02408	0.02397	0.02402	0.02409	0.02561
20	E-20 S	0.02032	0.02345	0.02438	0.02542	0.02560	0.02562	0.02567	0.02556	0.02561	0.02568	0.02731

% Change

	Customer Class	Vin 2009	Vin 2010	Vin 2011	Vin 2012	Vin 2013	Vin 2014	Vin 2015	Vin 2016	Vin 2017	Vin 2018	Vin 2019
21	Residential	21.7%	17.4%	22.3%	16.3%	23.4%	25.0%	23.9%	23.9%	23.4%	23.2%	19.3%
22	Small Commercial	15.1%	11.8%	16.6%	11.3%	18.2%	19.7%	18.8%	18.8%	18.3%	18.1%	17.2%
23	Medium Commercial	19.0%	15.7%	20.6%	15.1%	22.2%	23.8%	22.9%	22.9%	22.4%	22.2%	21.5%
24	Large Commercial	15.1%	12.0%	16.9%	11.7%	18.6%	20.2%	19.3%	19.3%	18.8%	18.6%	18.8%
25	Streetlights	8.5%	6.7%	11.6%	7.2%	14.0%	15.5%	14.8%	14.8%	14.5%	14.2%	19.3%
26	Standby	12.4%	9.8%	14.7%	9.8%	16.7%	18.2%	17.4%	17.5%	17.1%	16.8%	18.9%
27	Agriculture	21.4%	17.6%	22.6%	16.9%	24.1%	25.7%	24.7%	24.7%	24.2%	24.0%	22.0%
28	E-20 T	15.8%	12.8%	17.7%	12.5%	19.5%	21.1%	20.2%	20.2%	19.8%	19.5%	20.0%
29	E-20 P	17.5%	14.4%	19.4%	14.0%	21.1%	22.7%	21.8%	21.9%	21.4%	21.1%	21.4%
30	E-20 S	14.7%	11.6%	16.5%	11.3%	18.2%	19.8%	18.9%	18.9%	18.4%	18.2%	18.4%

APPENDIX C - TABLE 19-4

PACIFIC GAS AND ELECTRIC COMPANY

2020 ERR D.20-02-047 - NEW SYSTEM GENERATION CHARGE (NSGC / CAM) RATES

<u>Line No.</u>	<u>Customer Class</u>	<u>Proposed Rate (\$/kWh)</u>
1	Residential	\$0.00571
2	Small Commercial	\$0.00411
3	Medium Commercial	\$0.00375
4	Large Commercial	\$0.00375
5	Streetlights	\$0.00384
6	Standby	\$0.00825
7	Agriculture	\$0.00378
8	E-20 T	\$0.00326
9	E-20 P	\$0.00326
10	E-20 S	\$0.00326

		<u>Present 5/1/19 Rate (\$/kWh)</u>
11	Residential	\$0.00217
12	Small Commercial	\$0.00161
13	Medium Commercial	\$0.00147
14	Large Commercial	\$0.00147
15	Streetlights	\$0.00144
16	Standby	\$0.00306
17	Agriculture	\$0.00132
18	E-20 T	\$0.00122
19	E-20 P	\$0.00122
20	E-20 S	\$0.00122

		<u>Change</u>
21	Residential	163.2%
22	Small Commercial	154.8%
23	Medium Commercial	155.1%
24	Large Commercial	155.1%
25	Streetlights	166.2%
26	Standby	170.2%
27	Agriculture	185.7%
28	E-20 T	167.2%
29	E-20 P	167.2%
30	E-20 S	167.2%

APPENDIX C - TABLE 19-5**PACIFIC GAS AND ELECTRIC COMPANY****2020 ERR D.20-02-047 - TREE MORTALITY NON-BYPASSABLE CHARGE (TMNBC)**
IDENTIFIED IN PRELIMINARY STATEMENT I - BUNDLED IN PUBLIC PURPOSE PROGRAM (PPP) RATE

Line No.	Customer Class	Proposed Rate (\$/kWh)
1	Residential	\$0.00162
2	Small Commercial	\$0.00117
3	Medium Commercial	\$0.00103
4	Large Commercial	\$0.00103
5	Streetlights	\$0.00109
6	Standby	\$0.00158
7	Agriculture	\$0.00107
8	E-20 T	\$0.00080
9	E-20 P	\$0.00080
10	E-20 S	\$0.00080

Note: Present TMNBC Rates do not exist; new rate component.

Appendix D

Revenue and average rate summary

Friday, May 1, 2020

D D RESULTS															Residential & Small Business				Total
Class/Schedule	Total Revenue At Present	Generation Revenue	TO Revenue	TAC Revenue	TRBA Revenue	T-ECRA Revenue	RS Revenue	Dist Revenue	PPP Revenue	ND Revenue	DWR Bond Revenue	CTC Revenue	ECRA Revenue	NSGC Revenue	AB32 Credit Revenue	Climate Credit & EITE Revenue	CIA Revenue	PCIA Revenue	Proposed Revenue
RESIDENTIAL																			
E-1	\$2,416,220,968	\$1,106,217,658	\$338,410,787	\$58,172,465	-\$28,659,594	\$0	-\$6,209,658	\$907,797,877	\$122,126,273	\$9,552,788	\$51,727,390	\$8,994,467	\$428,974	\$53,728,837	\$0	-\$142,756,940	(\$3,462,830)		\$2,476,068,494
E1-1	\$701,226,957	\$525,907,082	\$160,884,050	\$27,655,802	-\$13,625,073	\$0	-\$2,952,005	\$74,513,316	\$21,118,838	\$4,541,716	\$0	\$4,276,114	\$203,941	\$25,543,553	\$0	-\$61,499,929	(\$54,248,134)		\$712,319,272
TOTAL RES	\$3,117,447,925	\$1,632,124,740	\$499,294,837	\$85,828,267	-\$42,284,667	\$0	-\$9,161,662	\$982,311,193	\$143,245,111	\$14,094,504	\$51,727,390	\$13,270,581	\$632,915	\$78,272,390	\$0	-\$204,256,869	(\$57,710,964)		\$3,188,387,766
SMALL L&P																			
A-1	\$664,199,790	\$291,658,179	\$69,839,316	\$15,604,577	-\$7,687,844	\$0	-\$1,281,521	\$249,409,478	\$32,755,995	\$2,562,490	\$14,610,441	\$2,311,350	\$115,071	\$10,381,932	\$0	-\$2,086,147			\$678,193,315
A-6	\$147,761,823	\$68,189,857	\$16,627,406	\$3,712,869	-\$1,829,204	\$0	-\$305,106	\$52,613,618	\$7,162,779	\$609,705	\$3,475,389	\$549,950	\$27,379	\$2,470,221	\$0	-\$107,520			\$153,197,343
A-15	\$10,362	\$1,546	\$380	\$85	-\$42	\$0	-\$7	\$8,132	\$14	\$14	\$80	\$13	\$1	\$56	\$0	\$0			\$10,436
TC-1	\$3,937,065	\$1,641,798	\$434,611	\$97,113	-\$47,844	\$0	-\$7,975	\$1,631,874	\$70,673	\$15,947	\$91,184	\$14,384	\$716	\$64,610	\$0	\$0			\$4,007,092
TOTAL SMALL	\$815,929,400	\$361,491,380	\$86,901,712	\$19,414,644	-\$9,564,934	\$0	-\$1,594,609	\$303,663,101	\$39,989,625	\$3,188,156	\$18,177,094	\$2,875,697	\$143,167	\$12,916,820	\$0	-\$2,193,667			\$835,408,186
MEDIUM L&P																			
A10-T	\$411,452	\$235,192	\$79,478	\$14,236	-\$7,013	\$0	-\$1,458	\$45,623	\$27,131	\$2,338	\$13,366	\$2,272	\$105	\$8,646	\$0	\$0			\$419,915
A10-P	\$6,255,524	\$3,115,113	\$1,022,530	\$172,475	-\$84,973	\$0	-\$18,763	\$1,542,226	\$331,375	\$28,323	\$160,731	\$27,523	\$1,272	\$104,753	\$0	\$0			\$6,402,585
A10-S	\$709,202,166	\$371,872,276	\$99,330,027	\$18,952,423	-\$9,337,214	\$0	-\$1,822,663	\$176,145,916	\$36,844,814	\$3,112,253	\$17,697,459	\$3,024,326	\$139,758	\$11,510,841	\$0	-\$107,255			\$727,362,960
TOTAL MEDIUM	\$715,869,143	\$375,222,580	\$100,432,035	\$19,139,133	-\$9,429,200	\$0	-\$1,842,885	\$177,733,765	\$73,203,321	\$3,142,913	\$17,871,556	\$3,054,120	\$141,135	\$11,624,421	\$0	-\$107,255			\$734,185,460
E-19 CLASS																			
E-19 FIRM T	\$967,211	\$731,141	\$221,355	\$45,431	-\$22,382	\$0	-\$2,341	\$148,876	\$83,825	\$7,460	\$42,658	\$6,643	\$335	\$27,593	\$0	\$0			\$1,290,594
E-19 V T	\$1,222,956	\$766,227	\$192,804	\$50,255	-\$24,759	\$0	-\$2,083	\$87,886	\$92,728	\$8,253	\$47,187	\$7,349	\$371	\$30,523	\$0	\$0			\$1,256,737
Total E-19 T	\$2,190,167	\$1,497,367	\$414,159	\$95,686	-\$47,141	\$0	-\$4,424	\$236,762	\$176,551	\$15,713	\$89,845	\$13,992	\$706	\$56,116	\$0	\$0			\$2,547,331
E-19 FIRM P	\$64,919,356	\$33,392,880	\$8,772,662	\$2,147,444	-\$1,057,972	\$0	-\$93,268	\$13,822,939	\$3,961,958	\$352,640	\$2,016,346	\$314,014	\$15,836	\$1,304,260	\$0	-\$253,481			\$66,496,256
E-19 V P	\$24,525,056	\$13,904,491	\$3,737,563	\$870,744	-\$428,986	\$0	-\$33,218	\$4,551,208	\$1,601,674	\$142,988	\$814,200	\$127,326	\$6,421	\$25,223,262	\$0	\$0			\$25,223,262
Total E-19 P	\$89,444,413	\$49,297,371	\$11,910,225	\$3,018,188	-\$1,486,958	\$0	-\$126,487	\$18,174,146	\$5,563,632	\$495,629	\$2,830,546	\$451,340	\$22,257	\$1,833,110	\$0	-\$253,481			\$91,719,518
E-19 FIRM S	\$244,776,350	\$134,169,358	\$28,950,328	\$7,192,912	-\$3,543,703	\$0	-\$36,631	\$57,715,118	\$13,679,654	\$1,181,177	\$6,734,014	\$1,051,797	\$53,042	\$4,368,648	\$0	-\$390,215			\$250,855,498
E-19 V S	\$516,743,828	\$287,424,955	\$56,706,204	\$15,856,556	-\$7,811,986	\$0	-\$599,823	\$119,357,894	\$30,999,728	\$2,603,868	\$14,895,106	\$2,318,655	\$116,929	\$9,630,553	\$0	\$0			\$530,508,639
Total E-19 S	\$761,522,178	\$421,594,313	\$85,656,531	\$23,049,468	-\$11,355,689	\$0	-\$906,453	\$177,073,012	\$44,779,382	\$3,785,045	\$21,539,120	\$3,370,452	\$169,971	\$13,999,201	\$0	-\$390,215			\$781,364,137
E-19 T	\$2,190,167	\$1,497,367	\$414,159	\$95,686	-\$47,141	\$0	-\$4,424	\$236,762	\$176,551	\$15,713	\$89,845	\$13,992	\$706	\$56,116	\$0	\$0			\$2,547,331
E-19 P	\$89,444,413	\$49,297,371	\$11,910,225	\$3,018,188	-\$1,486,958	\$0	-\$126,487	\$18,174,146	\$5,563,632	\$495,629	\$2,830,546	\$441,340	\$22,257	\$1,833,110	\$0	-\$253,481			\$91,719,518
E-19 S	\$761,522,178	\$421,594,313	\$85,656,531	\$23,049,468	-\$11,355,689	\$0	-\$906,453	\$177,073,012	\$44,779,382	\$3,785,045	\$21,539,120	\$3,370,452	\$169,971	\$13,999,201	\$0	-\$390,215			\$781,364,137
TOTAL E-19	\$853,156,758	\$472,389,051	\$97,980,916	\$26,163,343	-\$12,889,789	\$0	-\$1,037,365	\$195,483,920	\$49,519,565	\$4,296,386	\$24,459,511	\$3,825,784	\$192,933	\$15,890,427	\$0	-\$643,696			\$875,630,986
STREETLIGHTS	\$26,118,913	\$8,134,924	\$1,952,050	\$536,897	-\$264,511	\$0	-\$35,819	\$14,689,718	\$438,701	\$88,166	\$504,120	\$66,175	\$3,959	\$333,879	\$0	\$0			\$26,448,259
STANDBY																			
STANDBY T	\$70,443,929	\$37,630,393	\$23,392,810	\$2,719,292	-\$1,339,702	\$0	-\$429,248	\$8,464,957	\$5,283,435	\$446,546	\$2,553,284	\$303,800	\$20,053	\$3,632,286	\$0	-\$4,384,106			\$78,293,799
STANDBY P	\$4,800,398	\$1,199,779	\$634,938	\$70,494	-\$34,730	\$0	-\$11,651	\$2,838,492	\$1,060,151	\$11,576	\$66,190	\$7,876	\$520	\$94,162	\$0	-\$327,541			\$4,710,255
STANDBY S	\$1,564,953	\$627,157	\$213,137	\$41,466	-\$20,496	\$0	-\$3,922	\$587,590	\$191,292	\$6,809	\$38,934	\$4,633	\$308	\$55,386	\$0	\$0			\$1,642,961
TOTAL STANDBY	\$76,809,280	\$39,457,328	\$24,241,486	\$2,831,251	-\$1,394,861	\$0	-\$444,821	\$11,891,039	\$6,534,878	\$464,931	\$2,658,408	\$316,308	\$20,878	\$3,781,836	\$0	-\$4,711,647			\$84,647,015
AGRICULTURE																			
AG-1A	\$3,773,270	\$1,102,214	\$206,134	\$57,847	-\$28,499	\$0	-\$3,821	\$2,342,049	\$124,282	\$9,499	\$54,315	\$7,995	\$427	\$35,407	\$0	-\$1,490			\$3,906,359
AG-RA	\$4,200,089	\$1,365,227	\$311,538	\$87,426	-\$43,072	\$0	-\$5,775	\$2,283,003	\$187,832	\$14,357	\$82,089	\$12,082	\$645	\$53,512	\$0	\$0			\$4,348,863
AG-VA	\$2,849,683	\$919,071	\$212,670	\$59,681	-\$29,403	\$0	-\$3,942	\$1,553,849	\$128,223	\$9,800	\$56,038	\$8,248	\$440	\$36,530	\$0	\$0			\$2,951,206
AG-AA	\$81,891,755	\$23,892,991	\$5,314,490	\$1,491,388	-\$734,756	\$0	-\$98,514	\$40,036,797	\$3,204,208	\$244,907	\$1,400,341	\$206,193	\$10,998	\$912,857	\$0	-\$2,924			\$84,878,897
AG-SA	\$25,381,618	\$10,024,080	\$603,370	\$162,012	-\$69,260	\$0	-\$39,855	\$10,727,010	\$1,282,925	\$89,085	\$43,016	\$6,440	\$369,114	\$20,414	\$0	-\$1,618			\$26,185,840
AG-1B	\$9,685,645	\$3,558,621	\$647,018	\$181,571	-\$89,454	\$0	-\$11,994	\$5,016,715	\$375,447	\$29,816	\$170,486	\$25,093	\$1,339	\$111,137	\$0	-\$1,895			\$10,013,901
AG-RB	\$5,396,815	\$1,763,498	\$387,315	\$108,691	-\$53,548	\$0	-\$7,180	\$2,968,910	\$224,748	\$17,849	\$102,056	\$15,021	\$802	\$66,528	\$0	\$0			\$5,594,890
AG-VB	\$6,664,097	\$2,464,184	\$583,555	\$163,761	-\$80,680	\$0	-\$10,817	\$3,142,187	\$26,892	\$153,764	\$22,632	\$1,208	\$100,236	\$0	\$0				\$6,905,544
AG-4B	\$204,078,768	\$77,448,098	\$14,034,511	\$3,937,318	-\$1,939,783	\$0	-\$260,080	\$102,430,512	\$8,141,480	\$646,563	\$3,696,952	\$544,147	\$29,034	\$2,408,977	\$0	-\$39,182			\$221,075,487
AG-4C	\$24,346,912	\$9,236,469	\$1,975,398	\$554,349	-\$273,109	\$0	-\$36,618	\$11,580,635	\$1,146,268	\$91,032	\$520,507	\$76,112	\$4,088	\$339,166	\$0	-\$12,724			\$25,202,217
AG-5B	\$456,378,704	\$213,220,683	\$42,851,005	\$12,025,134	-\$5,924,374	\$0	-\$794,322	\$168,016,930	\$22,094,174	\$1,974,695	\$11,291,021	\$1,681,903	\$98,675	\$7,360,414	\$0	-\$57,963			\$473,807,796
AG-5C	\$289,376,306	\$154,886,800	\$34,856,101	\$9,220,297	-\$4,542,527	\$0	-\$609,048	\$75,049,637	\$16,640,756	\$1,514,102	\$6,657,415	\$1,274,268	\$67,992	\$5,643,613	\$0	-\$349,231			\$300,610,175
TOTAL AG A	\$118,096,415	\$37,903,515	\$8,194,913	\$2,299,711	-\$1,132,989	\$0	-\$151,908	\$65,942,708	\$4,940,870	\$377,645	\$2,159,318	\$317,826	\$16,958	\$1,407,621	\$0	-\$4,582			\$122,271,605
Total AG B	\$995,927,246	\$462,578,353	\$93,330,844	\$26,191,121	-\$12,903,474	\$0	-\$1,730,059	\$688,205,527	\$44,261,493	\$4,300,948	\$24,592,200	\$3,197,678	\$193,138	\$16,031,215	\$0	-\$460,995			\$1,033,209,989
TOTAL AG	\$1,114,023,661	\$500,481,868	\$101,525,757	\$28,490,832	-\$14,036,464	\$0	-\$1,881,967	\$434,148,234	\$54,202,364	\$4,678,593	\$26,751,518	\$3,937,504	\$210,096	\$17,438,835	\$0	-\$465,577			\$1,155,481,593
E-20 CLASS																			
E-20 FIRM T	\$360,210,353	\$253,537,936	\$61,692,005	\$16,362,884	-\$8,061,436	\$0	-\$655,638	\$4,637,837	\$27,534,303	\$2,687,014	\$15,363,959	\$2,053,509	\$120,663	\$8,632,814	\$0	-\$6,903,378			\$377,002,473
FPP T	\$360,210,353	\$253,537,936	\$61,692,005	\$16,362,884	-\$8,061,436	\$0	-\$655,638	\$4,637,837	\$27,534,303	\$2,687,014	\$15,363,959	\$2,053,509	\$120,663	\$8,632,814	\$0	-\$6,903,378			\$377,002,473
TOTAL	\$360,210,353	\$253,537,936	\$61,692,005	\$16,362,884	-\$8,061,436	\$0	-\$655,638	\$4,637,837	\$27,534,303	\$2,687,014	\$15,363,959	\$2,053,509	\$120,663	\$8,632,814	\$0	-\$6,903,378			\$377,002,473
E-20 FIRM P	\$471,910,569	\$276,599,015	\$59,031,337	\$16,741,991	-\$8,248,209	\$0	-\$613,952	\$82,012,560	\$29,926,570	\$2,749,269	\$15,719,922	\$2,264,074	\$123,458	\$8,832,826	\$0	-\$3,869,339			\$481,269,521
FPP P	\$471,910,569	\$276,599,015	\$59,031,337	\$16,741,991	-\$8,248,209	\$0	-\$613,952	\$82,012,560	\$29,926,570	\$2,749,269	\$15,719,922	\$2,264,074	\$123,45						

Pacific Gas & Electric Company
Rate Change - Illustrative 2020 AET with 2020 ERRR D.20-02-047
Friday, May 1, 2020

BOLD RESULTS

DLD RESULTS																					
	Total Sales (kWh)	Revenue At Present Rates	Generation Rates	TO Rates	TAC Rates	TRBA Rates	T-ECRA Rates	RS Rates	Dist Rates	PPP Rates	ND Rates	DWR Bond Rates	CTC Rates	ECRA Rates	NSGC Rates	Residential & Small Business AB32 Credit Rates	Climate Credit & EITE Rates	CIA Rates	PCIA Rates	Total Proposed Rates	Percent Change
RESIDENTIAL																					
E-1	9,413,026,194	\$0.25669	\$0.11752	\$0.03595	\$0.00618	-\$0.00304	\$0.00000	-\$0.00066	\$0.09644	\$0.01297	\$0.00101	\$0.00550	\$0.00096	\$0.00005	\$0.00571	\$0.00000	-\$0.01517	-\$0.00037		\$0.26305	2.48%
EL-1	4,475,103,949	\$0.15670	\$0.11752	\$0.03595	\$0.00618	-\$0.00304	\$0.00000	-\$0.00066	\$0.01665	\$0.00472	\$0.00101	\$0.00000	\$0.00096	\$0.00005	\$0.00571	\$0.00000	-\$0.01374	-\$0.01212		\$0.15917	1.58%
TOTAL RES	13,888,130,144	\$0.22447	\$0.11752	\$0.03595	\$0.00618	-\$0.00304	\$0.00000	-\$0.00066	\$0.07073	\$0.01031	\$0.00101	\$0.00372	\$0.00096	\$0.00005	\$0.00571	\$0.00000	-\$0.01471	-\$0.00416		\$0.22958	2.28%
SMALL L&P																					
A-1	2,525,012,479	\$0.26305	\$0.11551	\$0.02766	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.09878	\$0.01297	\$0.00101	\$0.00579	\$0.00092	\$0.00005	\$0.00411	\$0.00000	-\$0.00083			\$0.26859	2.11%
A-6	600,787,847	\$0.24598	\$0.11350	\$0.02768	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.08757	\$0.01192	\$0.00101	\$0.00578	\$0.00092	\$0.00005	\$0.00411	\$0.00000	-\$0.00018			\$0.25499	3.66%
A-15	13,735	\$0.75444	\$0.11259	\$0.02766	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.59207	\$0.01300	\$0.00101	\$0.00580	\$0.00092	\$0.00005	\$0.00411	\$0.00000	\$0.00000			\$0.75983	0.72%
TC-1	15,714,057	\$0.25054	\$0.10448	\$0.02766	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.10385	\$0.00450	\$0.00101	\$0.00580	\$0.00092	\$0.00005	\$0.00411	\$0.00000	\$0.00000			\$0.25500	1.78%
TOTAL SMALL	3,141,528,117	\$0.25972	\$0.11507	\$0.02766	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.09666	\$0.01273	\$0.00101	\$0.00579	\$0.00092	\$0.00005	\$0.00411	\$0.00000	-\$0.00070			\$0.26592	2.39%
MEDIUM L&P																					
A-10 T	2,303,482	\$0.17862	\$0.10210	\$0.03450	\$0.00618	-\$0.00304	\$0.00000	-\$0.00063	\$0.01981	\$0.01178	\$0.00101	\$0.00580	\$0.00099	\$0.00005	\$0.00375	\$0.00000	\$0.00000			\$0.18230	2.06%
A-10 P	27,908,566	\$0.22414	\$0.11162	\$0.03664	\$0.00618	-\$0.00304	\$0.00000	-\$0.00067	\$0.05526	\$0.01187	\$0.00101	\$0.00576	\$0.00099	\$0.00005	\$0.00375	\$0.00000	\$0.00000			\$0.22941	2.35%
A-10 S	3,066,735,078	\$0.23126	\$0.12126	\$0.03239	\$0.00618	-\$0.00304	\$0.00000	-\$0.00059	\$0.05744	\$0.01201	\$0.00101	\$0.00577	\$0.00099	\$0.00005	\$0.00375	\$0.00000	-\$0.00003			\$0.23718	2.56%
TOTAL MEDIUM	3,096,947,126	\$0.23115	\$0.12116	\$0.03243	\$0.00618	-\$0.00304	\$0.00000	-\$0.00060	\$0.05739	\$0.01201	\$0.00101	\$0.00577	\$0.00099	\$0.00005	\$0.00375	\$0.00000	-\$0.00003			\$0.23707	2.56%
E-19 CLASS																					
E-19 FIRM T	7,351,352	\$0.13157	\$0.09946	\$0.03011	\$0.00618	-\$0.00304	\$0.00000	-\$0.00032	\$0.02025	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	\$0.00000			\$0.17556	33.43%
E-19 V T	8,131,882	\$0.15039	\$0.09423	\$0.02371	\$0.00618	-\$0.00304	\$0.00000	-\$0.00026	\$0.01081	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	\$0.00000			\$0.15454	2.76%
Total E-19 T	15,483,234	\$0.14145	\$0.09671	\$0.02675	\$0.00618	-\$0.00304	\$0.00000	-\$0.00029	\$0.01529	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	\$0.00000			\$0.16452	16.31%
E-19 FIRM P	347,482,789	\$0.18683	\$0.10186	\$0.02525	\$0.00618	-\$0.00304	\$0.00000	-\$0.00027	\$0.03920	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00073			\$0.19137	2.43%
E-19 V P	140,897,133	\$0.17406	\$0.09869	\$0.02227	\$0.00618	-\$0.00304	\$0.00000	-\$0.00024	\$0.03230	\$0.01137	\$0.00101	\$0.00578	\$0.00090	\$0.00005	\$0.00375	\$0.00000	\$0.00000			\$0.17902	2.85%
Total E-19 P	488,379,922	\$0.18315	\$0.10094	\$0.02439	\$0.00618	-\$0.00304	\$0.00000	-\$0.00026	\$0.03721	\$0.01139	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00052			\$0.18780	2.94%
E-19 FIRM S	1,163,901,594	\$0.21031	\$0.11528	\$0.02487	\$0.00618	-\$0.00304	\$0.00000	-\$0.00026	\$0.04959	\$0.01175	\$0.00101	\$0.00579	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00034			\$0.21553	2.48%
E-19 V S	2,565,785,825	\$0.20140	\$0.11202	\$0.02210	\$0.00618	-\$0.00304	\$0.00000	-\$0.00023	\$0.04652	\$0.01173	\$0.00101	\$0.00577	\$0.00090	\$0.00005	\$0.00375	\$0.00000	\$0.00000			\$0.20676	2.66%
Total E-19 S	3,729,687,420	\$0.20418	\$0.11304	\$0.02297	\$0.00618	-\$0.00304	\$0.00000	-\$0.00024	\$0.04748	\$0.01174	\$0.00101	\$0.00578	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00010			\$0.20950	2.61%
E-19 T	15,483,234	\$0.14145	\$0.09671	\$0.02675	\$0.00618	-\$0.00304	\$0.00000	-\$0.00029	\$0.01529	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	\$0.00000			\$0.16452	16.31%
E-19 P	488,379,922	\$0.18315	\$0.10094	\$0.02439	\$0.00618	-\$0.00304	\$0.00000	-\$0.00026	\$0.03721	\$0.01139	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00052			\$0.18780	2.94%
E-19 S	3,729,687,420	\$0.20418	\$0.11304	\$0.02297	\$0.00618	-\$0.00304	\$0.00000	-\$0.00024	\$0.04748	\$0.01174	\$0.00101	\$0.00578	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00010			\$0.20950	2.61%
TOTAL E-19	4,233,550,576	\$0.20152	\$0.11158	\$0.02314	\$0.00618	-\$0.00304	\$0.00000	-\$0.00025	\$0.04617	\$0.01170	\$0.00101	\$0.00578	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00015			\$0.20683	2.63%
STREETLIGHTS																					
	86,876,530	\$0.30064	\$0.09364	\$0.02247	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.16909	\$0.00505	\$0.00101	\$0.00580	\$0.00076	\$0.00005	\$0.00384	\$0.00000	\$0.00000			\$0.30444	1.26%
STANDBY																					
STANDBY T	440,014,836	\$0.16009	\$0.08552	\$0.05316	\$0.00618	-\$0.00304	\$0.00000	-\$0.00098	\$0.01924	\$0.01201	\$0.00101	\$0.00580	\$0.00069	\$0.00005	\$0.00825	\$0.00000	-\$0.00996			\$0.17793	11.14%
STANDBY P	11,406,733	\$0.42084	\$0.10518	\$0.05666	\$0.00618	-\$0.00304	\$0.00000	-\$0.00102	\$0.24884	\$0.01404	\$0.00101	\$0.00580	\$0.00069	\$0.00005	\$0.00825	\$0.00000	-\$0.02871			\$0.41294	-1.88%
STANDBY S	6,709,679	\$0.23324	\$0.09347	\$0.03186	\$0.00618	-\$0.00304	\$0.00000	-\$0.00058	\$0.08757	\$0.01361	\$0.00101	\$0.00580	\$0.00069	\$0.00005	\$0.00825	\$0.00000	-\$0.00000			\$0.24486	4.98%
TOTAL STANDBY	458,131,249	\$0.16766	\$0.08613	\$0.05291	\$0.00618	-\$0.00304	\$0.00000	-\$0.00097	\$0.02596	\$0.01208	\$0.00101	\$0.00580	\$0.00069	\$0.00005	\$0.00825	\$0.00000	-\$0.01028			\$0.18477	10.20%
AGRICULTURE																					
AG-1A	9,360,316	\$0.40311	\$0.11775	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.25021	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00016			\$0.41733	3.53%
AG-RA	14,146,580	\$0.29690	\$0.09651	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.16138	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	\$0.00000			\$0.30741	3.54%
AG-VA	9,657,117	\$0.29509	\$0.09517	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.16090	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	\$0.00000			\$0.30560	3.56%
AG-4A	241,324,854	\$0.33934	\$0.09901	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.20320	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00001			\$0.35172	3.65%
AG-5A	97,632,645	\$0.25997	\$0.10882	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.10987	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	\$0.00000			\$0.26821	3.17%
AG-1B	29,380,341	\$0.32966	\$0.12112	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.17075	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00006			\$0.34084	3.39%
AG-RB	17,587,537	\$0.30685	\$0.10027	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.16881	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	\$0.00000			\$0.31811	3.67%
AG-VB	26,498,577	\$0.25149	\$0.09299	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.11858	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	\$0.00000			\$0.26660	3.62%
AG-4B	637,106,514	\$0.32032	\$0.12156	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.16077	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00006			\$0.33130	3.43%
AG-4C	89,700,522	\$0.27142	\$0.10297	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.12910	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00014			\$0.28096	3.51%
AG-5B	1,945,814,540	\$0.23454	\$0.10958	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.08635	\$0.01135	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00003			\$0.24350	3.82%
AG-5C	1,491,957,514	\$0.19396	\$0.10381	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.05030	\$0.01135	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00023			\$0.20149	3.88%
TOTAL AG																					
Total AG A	372,121,512	\$0.31736	\$0.10186	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.17721	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00001			\$0.32858	3.54%
Total AG B	4,238,045,545	\$0.23500	\$0.10915	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.08688	\$0.01162	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00011			\$0.24379	3.74%
TOTAL AG	4,610,167,057	\$0.24164	\$0.10856	\$0.02202	\$0.00618	-\$0.00304	\$0.0000														

Pacific Gas & Electric Company
Rate Change - Illustrative 2020 AET with 2020 ERRR D.20-02-047
Friday, May 1, 2020

DA/CCA RESULTS

Class/Schedule	Total Revenue At Present	TO Revenue	TAC Revenue	TRBAA Revenue	T-ECRA Revenue	RS Revenue	Dist Revenue	PPP Revenue	ND Revenue	DWR Bond Revenue	CTC Revenue	ECRA Revenue	NSGC Revenue	Residential & Small Business AB32 Credit Revenue	Climate Credit & EITE Revenue	CIA Revenue	PCIA Revenue	Total Proposed Revenue
RESIDENTIAL																		
E-1	\$2,078,637,444	\$420,588,369	\$72,298,706	-\$35,619,113	\$0	-\$7,717,651	\$1,137,254,977	\$151,782,661	\$11,872,528	\$65,871,072	\$11,178,741	\$533,149	\$66,776,692	\$0	-\$124,478,282	\$84,497,197	\$388,611,634	\$2,243,450,680
EL-1	\$146,291,381	\$79,339,848	\$13,638,438	-\$6,719,194	\$0	-\$1,456,001	\$35,441,183	\$10,414,739	\$2,239,744	\$0	\$2,109,084	\$100,589	\$12,598,701	\$0	-\$27,816,895	-\$26,786,232	\$73,440,249	\$166,544,253
TOTAL RES	\$2,224,928,826	\$499,928,217	\$85,937,144	-\$42,338,307	\$0	-\$9,173,651	\$1,172,696,160	\$162,197,400	\$14,112,272	\$65,871,072	\$13,287,825	\$633,737	\$79,375,393	\$0	-\$152,295,177	\$57,710,965	\$462,051,884	\$2,409,994,933
SMALL L&P																		
A-1	\$674,182,055	\$109,322,028	\$24,427,567	-\$12,034,631	\$0	-\$2,006,012	\$370,940,198	\$51,323,497	\$4,011,348	\$22,902,047	\$3,618,211	\$180,133	\$16,251,984	\$0	-\$23,252		\$125,479,542	\$714,392,660
A-6	\$130,144,403	\$22,765,001	\$5,083,264	-\$2,504,351	\$0	-\$417,728	\$69,336,366	\$9,798,516	\$834,743	\$4,747,380	\$752,933	\$37,485	\$3,381,963	\$0	-\$578		\$26,011,324	\$139,826,318
A-15	\$236,015	\$11,219	\$2,507	-\$1,235	\$0	-\$206	\$204,820	\$5,272	\$412	\$2,344	\$371	\$18	\$1,668	\$0	\$0		\$12,934	\$240,124
TC-1	\$4,023,568	\$646,744	\$144,514	-\$71,197	\$0	-\$11,867	\$2,398,077	\$105,168	\$23,731	\$135,691	\$21,405	\$1,066	\$96,147	\$0	\$0		\$635,707	\$4,125,186
TOTAL SMALL	\$808,586,041	\$132,744,993	\$29,657,851	-\$14,611,414	\$0	-\$2,435,814	\$442,879,460	\$61,232,454	\$4,870,233	\$27,787,463	\$4,392,921	\$218,702	\$19,731,761	\$0	-\$23,830		\$152,139,507	\$858,584,288
MEDIUM L&P																		
A-10 T	\$163,793	\$45,643	\$9,569	-\$4,714	\$0	-\$838	\$40,830	\$18,237	\$1,571	\$8,985	\$1,527	\$71	\$5,812	\$0	\$0		\$53,335	\$180,026
A-10 P	\$4,880,191	\$1,000,800	\$238,425	-\$17,464	\$0	-\$19,465	\$1,922,103	\$460,875	\$39,153	\$223,870	\$38,047	\$1,758	\$144,809	\$0	\$0		\$1,318,707	\$5,311,218
A-10 S	\$720,617,946	\$156,630,658	\$32,482,567	-\$16,003,055	\$0	-\$2,874,105	\$314,130,740	\$63,248,640	\$5,334,091	\$30,402,185	\$5,183,394	\$239,532	\$19,728,436	\$0	-\$5,536		\$170,617,705	\$770,175,252
TOTAL MEDIUM	\$725,661,930	\$157,737,100	\$32,730,561	-\$16,125,234	\$0	-\$2,894,408	\$316,153,674	\$63,727,352	\$5,374,815	\$30,635,039	\$5,222,967	\$241,361	\$19,879,057	\$0	-\$5,536		\$171,989,747	\$784,666,496
E-19 CLASS																		
E-19 FIRM T	\$721,810	\$227,429	\$46,776	-\$23,045	\$0	-\$2,405	\$187,713	\$86,306	\$7,681	\$43,920	\$6,840	\$345	\$28,409	\$0	\$0		\$234,102	\$844,071
E-19 V T	\$356,697	\$113,919	\$23,579	-\$11,616	\$0	-\$1,205	\$60,281	\$43,505	\$3,872	\$22,139	\$3,448	\$174	\$14,321	\$0	\$0		\$119,831	\$392,247
Total E-19 T	\$1,078,507	\$341,348	\$70,354	-\$34,661	\$0	-\$3,610	\$247,994	\$129,811	\$11,553	\$66,059	\$10,288	\$519	\$42,730	\$0	\$0		\$353,933	\$1,236,318
E-19 FIRM P	\$46,727,513	\$10,521,525	\$2,724,009	-\$1,342,026	\$0	-\$111,335	\$17,323,879	\$5,025,700	\$447,320	\$2,557,713	\$398,323	\$20,087	\$1,654,439	\$0	-\$118,566		\$11,646,026	\$50,747,095
E-19 V P	\$16,635,942	\$4,176,949	\$900,362	-\$443,578	\$0	-\$44,275	\$6,014,612	\$1,661,136	\$147,852	\$845,397	\$131,657	\$6,639	\$546,839	\$0	\$0		\$3,997,520	\$17,941,112
Total E-19 P	\$63,263,455	\$14,698,474	\$3,624,371	-\$1,785,604	\$0	-\$155,610	\$23,338,491	\$6,686,837	\$595,172	\$3,403,109	\$529,980	\$26,727	\$2,201,278	\$0	-\$118,566		\$15,643,547	\$68,688,207
E-19 FIRM S	\$308,945,339	\$62,020,938	\$17,051,883	-\$8,400,883	\$0	-\$656,343	\$130,260,276	\$32,457,574	\$2,800,157	\$15,968,118	\$2,493,444	\$125,743	\$10,356,540	\$0	-\$82,438		\$70,162,775	\$334,557,784
E-19 V S	\$631,362,124	\$120,721,586	\$36,532,232	-\$17,998,188	\$0	-\$1,277,152	\$266,689,202	\$69,469,445	\$5,999,103	\$34,127,907	\$5,341,995	\$269,395	\$22,188,020	\$0	\$0		\$142,088,464	\$884,152,008
Total E-19 S	\$940,307,463	\$182,742,524	\$53,584,116	-\$26,399,071	\$0	-\$1,933,496	\$396,949,477	\$101,927,018	\$8,799,260	\$50,096,025	\$7,835,439	\$395,138	\$32,544,560	\$0	-\$82,438		\$212,251,240	\$1,018,709,792
E-19 T	\$1,078,507	\$341,348	\$70,354	-\$34,661	\$0	-\$3,610	\$247,994	\$129,811	\$11,553	\$66,059	\$10,288	\$519	\$42,730	\$0	\$0		\$353,933	\$1,236,318
E-19 P	\$63,263,455	\$14,698,474	\$3,624,371	-\$1,785,604	\$0	-\$155,610	\$23,338,491	\$6,686,837	\$595,172	\$3,403,109	\$529,980	\$26,727	\$2,201,278	\$0	-\$118,566		\$15,643,547	\$68,688,207
E-19 S	\$940,307,463	\$182,742,524	\$53,584,116	-\$26,399,071	\$0	-\$1,933,496	\$396,949,477	\$101,927,018	\$8,799,260	\$50,096,025	\$7,835,439	\$395,138	\$32,544,560	\$0	-\$82,438		\$212,251,240	\$1,018,709,792
TOTAL E-19	\$1,004,649,424	\$197,782,346	\$57,278,841	-\$28,219,336	\$0	-\$2,092,716	\$420,535,963	\$108,743,665	\$9,405,986	\$53,565,193	\$8,375,707	\$422,384	\$34,788,568	\$0	-\$201,004		\$228,248,719	\$1,088,634,316
STREETLIGHTS	\$26,311,402	\$3,550,882	\$976,644	-\$481,159	\$0	-\$65,157	\$17,148,577	\$712,471	\$160,379	\$917,022	\$120,376	\$7,202	\$607,345	\$0	\$0		\$3,756,016	\$27,410,597
STANDBY																		
STANDBY T	\$3,699,419	\$1,628,692	\$197,322	-\$97,214	\$0	-\$29,886	\$746,753	\$383,386	\$32,403	\$185,276	\$22,045	\$1,455	\$263,573	\$0	\$0		\$773,839	\$4,107,644
STANDBY P	\$3,591,577	\$623,430	\$102,763	-\$50,628	\$0	-\$11,440	\$2,595,642	\$233,462	\$16,875	\$96,489	\$11,481	\$758	\$137,265	\$0	\$0		\$67,960	\$3,824,057
STANDBY S	\$127,613	\$20,608	\$3,301	-\$1,626	\$0	-\$378	\$85,838	\$7,268	\$542	\$3,100	\$369	\$24	\$4,409	\$0	\$0		\$12,958	\$136,413
TOTAL STANDBY	\$7,418,610	\$2,272,729	\$303,386	-\$149,468	\$0	-\$41,704	\$3,428,233	\$624,116	\$49,820	\$284,865	\$33,894	\$2,237	\$405,247	\$0	\$0		\$854,757	\$8,068,114
AGRICULTURE																		
AG-1A	\$3,327,324	\$253,931	\$71,260	-\$35,107	\$0	-\$4,707	\$2,643,743	\$153,100	\$11,702	\$66,876	\$9,848	\$525	\$43,617	\$0	\$0		\$339,779	\$3,554,567
AG-RA	\$39,091	\$3,458	\$971	-\$478	\$0	-\$64	\$29,381	\$2,085	\$159	\$911	\$134	\$7	\$594	\$0	\$0		\$4,692	\$41,851
AG-VA	\$329,961	\$24,444	\$9,105	-\$4,486	\$0	-\$601	\$241,286	\$19,561	\$1,495	\$8,549	\$1,298	\$67	\$5,573	\$0	\$0		\$39,347	\$335,598
AG-4A	\$13,730,417	\$1,177,557	\$330,454	-\$162,803	\$0	-\$21,828	\$10,444,471	\$709,972	\$54,265	\$310,228	\$45,670	\$2,437	\$202,266	\$0	\$0		\$1,686,844	\$14,686,533
AG-5A	\$3,162,584	\$430,208	\$120,728	-\$59,479	\$0	-\$7,975	\$1,883,722	\$259,381	\$19,825	\$113,358	\$16,685	\$890	\$73,896	\$0	\$0		\$578,869	\$3,430,109
AG-1B	\$5,651,273	\$505,070	\$141,736	-\$69,829	\$0	-\$9,362	\$4,259,944	\$293,078	\$23,275	\$133,083	\$19,588	\$1,045	\$86,555	\$0	\$0		\$686,525	\$6,070,909
AG-RB	\$72,700	\$7,633	\$2,142	-\$1,055	\$0	-\$141	\$50,940	\$4,429	\$352	\$2,011	\$296	\$16	\$1,311	\$0	\$0		\$10,332	\$78,265
AG-VB	\$241,736	\$26,019	\$7,302	-\$3,597	\$0	-\$482	\$167,050	\$15,098	\$1,199	\$6,856	\$1,009	\$54	\$4,469	\$0	\$0		\$35,279	\$260,255
AG-4B	\$34,547,518	\$3,448,556	\$967,757	-\$476,781	\$0	-\$63,925	\$24,796,779	\$2,001,101	\$158,919	\$908,677	\$133,746	\$7,136	\$592,350	\$0	\$0		\$4,594,733	\$37,069,049
AG-4C	\$1,972,118	\$173,944	\$48,813	-\$24,049	\$0	-\$3,224	\$1,501,269	\$100,935	\$8,016	\$45,833	\$6,746	\$360	\$29,878	\$0	\$0		\$235,439	\$2,123,960
AG-5B	\$41,859,198	\$6,680,722	\$1,874,789	-\$923,645	\$0	-\$123,839	\$22,708,400	\$3,444,611	\$307,866	\$1,760,336	\$259,100	\$13,825	\$1,147,532	\$0	-\$390		\$9,044,870	\$46,194,718
AG-5C	\$50,737,855	\$10,044,251	\$2,818,684	-\$1,388,670	\$0	-\$186,189	\$22,035,709	\$5,178,862	\$462,867	\$2,646,609	\$389,549	\$20,785	\$1,725,277	\$0	-\$40,883		\$12,973,889	\$56,680,742
Total AG A	\$20,589,377	\$1,897,599	\$532,517	-\$262,353	\$0	-\$35,175	\$15,242,603	\$1,144,099	\$87,447	\$499,922	\$73,595	\$3,927	\$325,946	\$0	\$0		\$2,559,531	\$22,069,657
Total AG B	\$135,082,399	\$20,886,195	\$5,861,223	-\$2,887,625	\$0	-\$387,164	\$75,520,091	\$11,038,114	\$962,495	\$5,503,406	\$810,036	\$43,222	\$3,587,572	\$0	-\$41,273		\$27,581,067	\$148,477,358
TOTAL AG	\$155,671,776	\$22,783,794	\$6,393,740	-\$3,149,978	\$0	-\$422,340	\$90,762,695	\$12,182,213	\$1,049,941	\$6,003,328	\$883,631	\$47,149	\$3,913,518	\$0	-\$41,273		\$30,140,598	\$170,547,015
E-20 CLASS																		
E-20 FIRM T	\$160,952,704	\$62,491,640	\$21,049,724	-\$10,370,483	\$0	-\$647,703	-\$4,989,502	\$35,420,987	\$3,456,659	\$16,775,769	\$2,641,699	\$155,224	\$11,105,522	\$0	-\$3,180,096		\$51,718,856	\$185,628,296
FPP T	\$3,343,709	\$0	\$0	\$0	\$0	\$0	\$461,239	\$2,823,971	\$299,028	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$3,584,237
TOTAL	\$164,296,412	\$62,491,640	\$21,049,724	-\$10,370,483	\$0	-\$647,703	-\$4,528,263	\$38,244,957	\$3,755,686	\$16,775,769	\$2,641,699	\$155,224	\$11,105,522	\$0	-\$3,180,096		\$51,718,856	\$189,212,533
E-20 FIRM P	\$367,065,851	\$90,606,936	\$26,246,835	-\$12,930,923	\$0	-\$941,168	\$131,683,453	\$46,916,627	\$4,310,097	\$24,644,513	\$3,549,444	\$193,549	\$13,847,440	\$0	-\$3,305,131		\$72,589,611	\$397,411,283
FPP P	\$465,275	\$0	\$0	\$0	\$0	\$0	\$262,010	\$197,984	\$19,637	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$479,632
TOTAL	\$367,531,126	\$90,606,936	\$26,246,835	-\$12,930,923	\$0	-\$941,168	\$131,945,463	\$47,114,611	\$4,329,734	\$24,644,513	\$3,549,444	\$193,549	\$13,847,440	\$0	-\$3,305,131		\$72,589,611	\$397,890,914
E-20 FIRM S	\$127,501,125	\$28,358,088	\$8,222,255	-\$4,050,825	\$0	-\$294,130	\$50,461,227	\$15,235,917	\$1,350,209	\$								

Pacific Gas & Electric Company
Rate Change - Illustrative 2020 AET with 2020 ERRR D.20-02-047
Friday, May 1, 2020

DA/CCA RESULTS

A/CCA RESULTS		Total Sales (kWh)	Revenue At Present Rates	TO Rates	TAC Rates	TRBAA Rates	T-ECRA Rates	RS Rates	Dist Rates	PPP Rates	ND Rates	DWR Bond Rates	CTC Rates	ECRA Rates	NSGC Rates	Residential & Small Business AB32 Credit Rates	Climate Credit & EITE Rates	CIA Rates	PCIA Rates	Total Proposed Rates	Percent Change
RESIDENTIAL																					
E-1		11,698,945,634	\$0.17768	\$0.03595	\$0.00618	-\$0.00304	\$0.00000	-\$0.00066	\$0.09721	\$0.01297	\$0.00101	\$0.00563	\$0.00096	\$0.00005	\$0.00571	\$0.00000	-\$0.01064	\$0.00722	\$0.03322	\$0.19177	7.93%
EL-1		2,207,230,076	\$0.06628	\$0.03595	\$0.00618	-\$0.00304	\$0.00000	-\$0.00066	\$0.01606	\$0.00472	\$0.00101	\$0.00000	\$0.00096	\$0.00005	\$0.00571	\$0.00000	-\$0.01260	-\$0.01214	\$0.03327	\$0.07545	13.84%
TOTAL RES		13,906,175,710	\$0.16000	\$0.03595	\$0.00618	-\$0.00304	\$0.00000	-\$0.00066	\$0.08433	\$0.01166	\$0.00101	\$0.00474	\$0.00096	\$0.00005	\$0.00571	\$0.00000	-\$0.01095	\$0.00415	\$0.03323	\$0.17330	8.32%
SMALL L&P																					
A-1		3,952,680,671	\$0.17056	\$0.02766	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.09385	\$0.01298	\$0.00101	\$0.00579	\$0.00092	\$0.00005	\$0.00411	\$0.00000	-\$0.00001		\$0.03175	\$0.18074	5.96%
A-6		822,534,657	\$0.15822	\$0.02768	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.08430	\$0.01191	\$0.00101	\$0.00577	\$0.00092	\$0.00005	\$0.00411	\$0.00000			\$0.03162	\$0.16999	7.44%
A-15		405,656	\$0.58181	\$0.02766	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.50491	\$0.01300	\$0.00101	\$0.00578	\$0.00092	\$0.00005	\$0.00411	\$0.00000			\$0.03188	\$0.59194	1.74%
TC-1		23,384,067	\$0.17206	\$0.02766	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.10255	\$0.00450	\$0.00101	\$0.00580	\$0.00092	\$0.00005	\$0.00411	\$0.00000			\$0.02719	\$0.17641	2.53%
TOTAL SMALL		4,799,005,051	\$0.16849	\$0.02766	\$0.00618	-\$0.00304	\$0.00000	-\$0.00051	\$0.09229	\$0.01276	\$0.00101	\$0.00579	\$0.00092	\$0.00005	\$0.00411	\$0.00000			\$0.03170	\$0.17891	6.18%
MEDIUM L&P																					
A-10 T		1,548,327	\$0.10579	\$0.02948	\$0.00618	-\$0.00304	\$0.00000	-\$0.00054	\$0.02637	\$0.01178	\$0.00101	\$0.00580	\$0.00099	\$0.00005	\$0.00375	\$0.00000			\$0.03445	\$0.11627	9.91%
A-10 P		38,580,171	\$0.12649	\$0.02750	\$0.00618	-\$0.00304	\$0.00000	-\$0.00050	\$0.04982	\$0.01194	\$0.00101	\$0.00580	\$0.00099	\$0.00005	\$0.00375	\$0.00000			\$0.03418	\$0.13767	8.83%
A-10 S		5,256,078,728	\$0.13710	\$0.02980	\$0.00618	-\$0.00304	\$0.00000	-\$0.00055	\$0.05978	\$0.01203	\$0.00101	\$0.00578	\$0.00099	\$0.00005	\$0.00375	\$0.00000			\$0.03246	\$0.14824	8.13%
TOTAL MEDIUM		5,296,207,227	\$0.13702	\$0.02978	\$0.00618	-\$0.00304	\$0.00000	-\$0.00055	\$0.05969	\$0.01203	\$0.00101	\$0.00578	\$0.00099	\$0.00005	\$0.00375	\$0.00000			\$0.03247	\$0.14816	8.13%
E-19 CLASS																					
E-19 FIRM T		7,568,868	\$0.09537	\$0.03005	\$0.00618	-\$0.00304	\$0.00000	-\$0.00032	\$0.02480	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000			\$0.03093	\$0.11152	16.94%
E-19 V T		3,815,312	\$0.09349	\$0.02986	\$0.00618	-\$0.00304	\$0.00000	-\$0.00032	\$0.01580	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000			\$0.03141	\$0.10281	9.97%
Total E-19 T		11,384,180	\$0.09474	\$0.02998	\$0.00618	-\$0.00304	\$0.00000	-\$0.00032	\$0.02178	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000			\$0.03109	\$0.10860	14.63%
E-19 FIRM P		440,778,086	\$0.10601	\$0.02387	\$0.00618	-\$0.00304	\$0.00000	-\$0.00025	\$0.03930	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00027		\$0.02642	\$0.11513	8.60%
E-19 V P		145,689,660	\$0.11350	\$0.02867	\$0.00618	-\$0.00304	\$0.00000	-\$0.00030	\$0.04128	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	\$0.00000		\$0.02744	\$0.12315	8.50%
Total E-19 P		586,467,746	\$0.10787	\$0.02506	\$0.00618	-\$0.00304	\$0.00000	-\$0.00027	\$0.03980	\$0.01140	\$0.00101	\$0.00580	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00020		\$0.02667	\$0.11712	8.57%
E-19 FIRM S		2,759,204,419	\$0.11197	\$0.02248	\$0.00618	-\$0.00304	\$0.00000	-\$0.00024	\$0.04721	\$0.01176	\$0.00101	\$0.00579	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00003		\$0.02543	\$0.12125	8.29%
E-19 V S		5,911,364,451	\$0.10680	\$0.02042	\$0.00618	-\$0.00304	\$0.00000	-\$0.00022	\$0.04511	\$0.01175	\$0.00101	\$0.00577	\$0.00090	\$0.00005	\$0.00375	\$0.00000	\$0.00000		\$0.02404	\$0.11574	8.36%
Total E-19 S		8,670,568,870	\$0.10845	\$0.02108	\$0.00618	-\$0.00304	\$0.00000	-\$0.00022	\$0.04578	\$0.01176	\$0.00101	\$0.00578	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00001		\$0.02448	\$0.11749	8.34%
TOTAL E-19		9,268,420,796	\$0.10839	\$0.02134	\$0.00618	-\$0.00304	\$0.00000	-\$0.00023	\$0.04537	\$0.01173	\$0.00101	\$0.00578	\$0.00090	\$0.00005	\$0.00375	\$0.00000	-\$0.00002		\$0.02463	\$0.11746	8.36%
STREETLIGHTS																					
		158,033,043	\$0.16649	\$0.02247	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.10851	\$0.00451	\$0.00101	\$0.00580	\$0.00076	\$0.00005	\$0.00384	\$0.00000			\$0.02377	\$0.17345	4.18%
STANDBY																					
STANDBY T		31,929,173	\$0.11586	\$0.05101	\$0.00618	-\$0.00304	\$0.00000	-\$0.00094	\$0.02339	\$0.01201	\$0.00101	\$0.00580	\$0.00069	\$0.00005	\$0.00825	\$0.00000			\$0.02424	\$0.12865	11.03%
STANDBY P		16,628,273	\$0.21599	\$0.03749	\$0.00618	-\$0.00304	\$0.00000	-\$0.00069	\$0.15610	\$0.01404	\$0.00101	\$0.00580	\$0.00069	\$0.00005	\$0.00825	\$0.00000			\$0.00409	\$0.22997	6.47%
STANDBY S		534,166	\$0.23890	\$0.03858	\$0.00618	-\$0.00304	\$0.00000	-\$0.00071	\$0.16070	\$0.01361	\$0.00101	\$0.00580	\$0.00069	\$0.00005	\$0.00825	\$0.00000			\$0.02426	\$0.25538	6.90%
TOTAL STANDBY		49,091,612	\$0.15112	\$0.04630	\$0.00618	-\$0.00304	\$0.00000	-\$0.00085	\$0.06983	\$0.01271	\$0.00101	\$0.00580	\$0.00069	\$0.00005	\$0.00825	\$0.00000			\$0.01741	\$0.16435	8.76%
AGRICULTURE																					
AG-1A		11,530,705	\$0.28856	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.22928	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02947	\$0.30827	6.83%
AG-RA		157,044																			
AG-VA		1,473,249	\$0.22397	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.16378	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02671	\$0.24001	7.16%
AG-4A		53,471,508	\$0.25678	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.19533	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02986	\$0.27472	6.99%
AG-5A		19,535,269	\$0.16189	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.09643	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02963	\$0.17559	8.46%
AG-1B		22,934,628	\$0.24641	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.18574	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02993	\$0.26470	7.43%
AG-RB		346,616	\$0.20974	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.14696	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02981	\$0.22580	7.66%
AG-VB		1,181,478	\$0.20461	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.14139	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02986	\$0.22028	7.66%
AG-4B		156,594,946	\$0.22062	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.15835	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02934	\$0.23672	7.30%
AG-4C		7,898,597	\$0.24968	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.19007	\$0.01278	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02981	\$0.26890	7.70%
AG-5B		303,363,870	\$0.13798	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.07486	\$0.01135	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02982	\$0.15227	10.36%
AG-5C		456,097,810	\$0.11124	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.04831	\$0.01135	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00009		\$0.02845	\$0.12427	11.71%
Total AG A		86,167,776	\$0.23895	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.17689	\$0.01328	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000			\$0.02970	\$0.25612	7.19%
Total AG B		948,417,945	\$0.14243	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.07963	\$0.01164	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00004		\$0.02908	\$0.15655	9.92%
TOTAL AG		1,034,585,721	\$0.15047	\$0.02202	\$0.00618	-\$0.00304	\$0.00000	-\$0.00041	\$0.08773	\$0.01177	\$0.00101	\$0.00580	\$0.00085	\$0.00005	\$0.00378	\$0.00000	-\$0.00004		\$0.02913	\$0.16485	9.56%
E-20 CLASS																					
E-20 FIRM T		3,406,104,279	\$0.04725	\$0.01835	\$0.00618	-\$0.00304	\$0.00000	-\$0.00019	-\$0.0146	\$0.01040	\$0.00101	\$0.00493	\$0.00078	\$0.00005	\$0.00326	\$0.00000	-\$0.00093		\$0.01518	\$0.05450	15.33%
FPF T		294,654,265	\$0.01135	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00157	\$0.00958	\$0.00101	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000			\$0.00000	\$0.01216	7.19%
TOTAL		3,700,758,544	\$0.04440	\$0.01689	\$0.00569	-\$0.00280	\$0.00000	-\$0.00018	-\$0.01222	\$0.01033	\$0.00101	\$0.00453	\$0.00071	\$0.00004	\$0.00300	\$0.00000					

Appendix E

**Pro Forma Rate Schedule Tariff Sheets of Illustrative
Total Rates.**



**ELECTRIC PRELIMINARY STATEMENT PART I
RATE SCHEDULE SUMMARY**

Sheet 1

I. Rate Summary

The following rates are used to separate billed revenue for accounting purposes.

Billed Component	Subcomponent	Applicability	Rate (per kWh)	
Distribution	California Public Utilities Commission Fee	All rate schedules, all customers.	\$0.00059	
Distribution	CEE Incentive Rate	All rate schedules, all customers.	\$0.00032	(I)
Transmission	Transmission Access Charge (FERC Jurisdictional)	All rate schedules, all customers.	\$0.00618	
Transmission	End-Use Customer Refund Adjustment (ECRA)	Residential	\$0.00000	
		Small L&P	\$0.00000	
		Medium L&P	\$0.00000	
		E-19/B-19	\$0.00000	
		Streetlights	\$0.00000	
		Standby	\$0.00000	
		Agriculture	\$0.00000	
		E-20/B-20	\$0.00000	
Public Purpose Programs	CARE Surcharge	All rate schedules except CARE schedules, Schedules TC-1, LS-1, LS-2, and LS-3, and qualifying CARE usage under Schedules ESL, ESRL, ETL, and E-CARE all customers.	\$0.00826	(I)

(Continued)



**ELECTRIC PRELIMINARY STATEMENT PART I
RATE SCHEDULE SUMMARY**

Sheet 2

I. Rate Summary (Cont'd.)

The following rates are used to separate billed revenue for accounting purposes. (Cont'd.)

Billed Component	Subcomponent	Applicability	Rate (per kWh)	
Public Purpose Programs	Procurement Energy Efficiency Revenue Adjustment Mechanism	All rate schedules, all customers.	(\$0.00075)	(R)
Public Purpose Programs	Electric Program Investment Charge	All rate schedules, all customers.	\$0.00118	(I)
Public Purpose Programs	Electric Program Investment Charge Revenue Adjustment Mechanism - NSHP	All rate schedules, all customers.	\$0.00000	
Public Purpose Program	Tree Mortality Non- Bypassable Charge	All rate schedules, all customers	\$0.00120	(N)
Generation	Power Charge Collection Balancing Account (PCCBA)	All rate schedules, bundled service, except Schedules E-GT and E-ECR.	(\$0.00003)	(I)
Generation and Power Charge Indifference Adjustment (PCIA)	DWR Franchise Fees	All rate schedules except Schedules E-GT and E-ECR, all bundled service customers, , all community choice aggregation service customers, all non-exempt departing load customers..	\$0.00004	
Power Charge Indifference Adjustment (PCIA) ¹	Portfolio Allocation Balance Account (PABA)	All rate schedules, all community choice aggregation service customers, all non-exempt departing load customers.	See incremental PCIA rates below by rate group, excludes DWR Franchise Fees	

¹ PCIA rates applied to customer's bills are the sum of each incremental PCIA rates below up to the customer's specific vintage year of departure from bundled service.

(D)
(D)

(Continued)



**ELECTRIC PRELIMINARY STATEMENT PART I
RATE SCHEDULE SUMMARY**

Sheet 3

I. Rate Summary (Cont'd.)

The following rates are used to separate billed revenue for accounting purposes. (Cont'd.)

Rate Group	Legacy Utility- Owned Generation (UOG)	2009 Vintage	2010 Vintage	2011 Vintage
Residential	\$0.00912 (I)	\$0.01645 (I)	\$0.00316 (R)	\$0.00245 (I)
Small Commercial	\$0.00874 (I)	\$0.01575 (I)	\$0.00303 (R)	\$0.00234 (I)
Medium Commercial	\$0.00942 (I)	\$0.01697 (I)	\$0.00326 (R)	\$0.00253 (I)
Large Commercial	\$0.00863 (I)	\$0.01555 (I)	\$0.00299 (R)	\$0.00231 (I)
Streetlights	\$0.00727 (I)	\$0.01311 (I)	\$0.00251 (R)	\$0.00195 (I)
Standby	\$0.00659 (I)	\$0.01187 (I)	\$0.00229 (R)	\$0.00177 (I)
Agriculture	\$0.00815 (I)	\$0.01470 (I)	\$0.00282 (R)	\$0.00219 (I)
E-20 T	\$0.00741 (I)	\$0.01334 (I)	\$0.00256 (R)	\$0.00199 (I)
E-20 P	\$0.00798 (I)	\$0.01438 (I)	\$0.00276 (R)	\$0.00214 (I)
E-20 S	\$0.00830 (I)	\$0.01496 (I)	\$0.00287 (R)	\$0.00223 (I)

Rate Group	2012 Vintage	2013 Vintage	2014 Vintage	2015 Vintage
Residential	(\$0.00013) (R)	\$0.00216 (I)	\$0.00047 (I)	(\$0.00018) (R)
Small Commercial	(\$0.00011) (R)	\$0.00207 (I)	\$0.00044 (I)	(\$0.00017) (R)
Medium Commercial	(\$0.00013) (R)	\$0.00223 (I)	\$0.00048 (I)	(\$0.00019) (R)
Large Commercial	(\$0.00011) (R)	\$0.00204 (I)	\$0.00044 (I)	(\$0.00017) (R)
Streetlights	(\$0.00009) (R)	\$0.00172 (I)	\$0.00037 (I)	(\$0.00015) (R)
Standby	(\$0.00009) (R)	\$0.00156 (I)	\$0.00034 (I)	(\$0.00014) (R)
Agriculture	(\$0.00011) (R)	\$0.00193 (I)	\$0.00042 (I)	(\$0.00016) (R)
E-20 T	(\$0.00010) (R)	\$0.00175 (I)	\$0.00038 (I)	(\$0.00015) (R)
E-20 P	(\$0.00010) (R)	\$0.00188 (I)	\$0.00041 (I)	(\$0.00016) (R)
E-20 S	(\$0.00011) (R)	\$0.00197 (I)	\$0.00042 (I)	(\$0.00017) (R)



**ELECTRIC PRELIMINARY STATEMENT PART I
RATE SCHEDULE SUMMARY**

Sheet 4

I. Rate Summary (Cont'd.)

The following rates are used to separate billed revenue for accounting purposes. (Cont'd.)

Rate Group	2016 Vintage		2017 Vintage		2018 Vintage		2019 Vintage	
Residential	(\$0.00014)	(R)	(\$0.00006)	(R)	\$0.00002	(R)	\$0.00219	(R)
Small Commercial	(\$0.00014)	(R)	(\$0.00005)	(R)	\$0.00002	(R)	\$0.00210	(I)
Medium Commercial	(\$0.00014)	(R)	(\$0.00006)	(R)	\$0.00002	(R)	\$0.00226	(I)
Large Commercial	(\$0.00014)	(R)	(\$0.00005)	(R)	\$0.00002	(R)	\$0.00207	(I)
Streetlights	(\$0.00011)	(I)	(\$0.00004)	(R)	\$0.00002	(R)	\$0.00174	(I)
Standby	(\$0.00010)	(R)	(\$0.00004)	(R)	\$0.00002	(R)	\$0.00158	(I)
Agriculture	(\$0.00013)	(R)	(\$0.00005)	(R)	\$0.00002	(R)	\$0.00196	(R)
E-20 T	(\$0.00011)	(R)	(\$0.00005)	(R)	\$0.00002	(R)	\$0.00178	(I)
E-20 P	(\$0.00012)	(R)	(\$0.00005)	(R)	\$0.00002	(R)	\$0.00191	(I)
E-20 S	(\$0.00012)	(R)	(\$0.00006)	(R)	\$0.00003	(R)	\$0.00199	(I)

Rate Group	2020 Vintage	
Residential	\$0.00688	(N)
Small Commercial	\$0.00659	(N)
Medium Commercial	\$0.00710	(N)
Large Commercial	\$0.00651	(N)
Streetlights	\$0.00549	(N)
Standby	\$0.00498	(N)
Agriculture	\$0.00615	(N)
E-20 T	\$0.00559	(N)
E-20 P	\$0.00602	(N)
E-20 S	\$0.00626	(N)



**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 4

RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

A. Non-Time-of-Use Rates

Total Customer Charge Rates

Customer Charge Single-phase (\$ per meter per day)	\$0.32854
Customer Charge Poly-phase (\$ per meter per day)	\$0.82136

Total Energy Rates (\$ per kWh)

Summer	\$0.28065	(I)
Winter	\$0.22012	(I)

B. Time-of-Use Rates

Total Customer Charge Rates

Customer Charge Single-phase (\$ per meter per day)	\$0.32854
Customer Charge Poly-phase (\$ per meter per day)	\$0.82136

Total TOU Energy Rates (\$ per kWh)

Peak Summer	\$0.29566	(I)
Part-Peak Summer	\$0.27201	(I)
Off-Peak Summer	\$0.24466	(I)
Part-Peak Winter	\$0.25142	(I)
Off-Peak Winter	\$0.23050	(I)

**PDP Rates (Consecutive Day and Four-Hour Event
Option) ***

PDP Charges (\$ per kWh)

All Usage During PDP Event	\$0.60
----------------------------	--------

PDP Credits

Energy (\$ per kWh)

Peak Summer	(\$0.00905)	(I)
Part-Peak Summer	(\$0.00905)	(I)
Off-Peak Summer	(\$0.00905)	(I)

* See PDP Detail, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)



**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 5

RATES: Total bundled service charges shown on customers' bills are unbundled according to the
(Cont'd.) component rates shown below. PDP charges and credits are all generation and are not
included below.

UNBUNDLING OF TOTAL RATES

A. Non-Time-of-Use Rates

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Energy Rates by Components (\$ per kWh)

Generation:

Summer	\$0.13350	(I)
Winter	\$0.09337	(I)

Distribution**

Summer	\$0.09197	(I)
Winter	\$0.07157	(I)

Transmission* (all usage)

\$0.02766

Transmission Rate Adjustments* (all usage)

\$0.00314

Reliability Services* (all usage)

(\$0.00051)

Public Purpose Programs (all usage)

\$0.01300 (R)

Nuclear Decommissioning (all usage)

\$0.00101 (I)

Competition Transition Charges (all usage)

\$0.00092 (R)

Energy Cost Recovery Amount (all usage)

\$0.00005 (I)

New System Generation Charge (all usage)**

\$0.00411 (I)

DWR Bond (all usage)

\$0.00580

California Climate Credit (all usage)***

\$0.00000

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)



**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 6

RATES:
(Cont'd.)

UNBUNDLING OF TOTAL RATES

B. Time-of-Use Rates

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Energy Rates by Components (\$ per kWh)

Generation:

Peak Summer	\$0.14851	(I)
Part-Peak Summer	\$0.12486	(I)
Off-Peak Summer	\$0.09751	(I)
Part-Peak Winter	\$0.12467	(I)
Off-Peak Winter	\$0.10375	(I)

Distribution:**

Peak Summer	\$0.09197	(I)
Part-Peak Summer	\$0.09197	(I)
Off-Peak Summer	\$0.09197	(I)
Part-Peak Winter	\$0.07157	(I)
Off-Peak Winter	\$0.07157	(I)

Transmission* (all usage) \$0.02766

Transmission Rate Adjustments* (all usage) \$0.00314

Reliability Services* (all usage) (\$0.00051)

Public Purpose Programs (all usage) \$0.01300 (R)

Nuclear Decommissioning (all usage) \$0.00101 (I)

Competition Transition Charges (all usage) \$0.00092 (R)

Energy Cost Recovery Amount (all usage) \$0.00005 (I)

New System Generation Charge (all usage)** \$0.00411 (I)

DWR Bond (all usage) \$0.00580

California Climate Credit (all usage)*** \$0.00000

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)



**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 9

BILLING:
(Cont'd.)

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	DA /CCA CRS	
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005	(I)
DWR Bond Charge (per kWh)	\$0.00580	
CTC Charge (per kWh)	\$0.00092	(R)
Power Charge Indifference Adjustment (per kWh)		
2009 Vintage	\$0.02453	(I)
2010 Vintage	\$0.02756	(I)
2011 Vintage	\$0.02990	(I)
2012 Vintage	\$0.02979	(I)
2013 Vintage	\$0.03186	(I)
2014 Vintage	\$0.03230	(I)
2015 Vintage	\$0.03213	(I)
2016 Vintage	\$0.03199	(I)
2017 Vintage	\$0.03194	(I)
2018 Vintage	\$0.03196	(I)
2019 Vintage	\$0.03406	(I)
2020 Vintage	\$0.04314	(N)

(N)

CARE
DISCOUNT:

Nonprofit Group-Living Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount pursuant to Schedule E-CARE. CARE customers are exempt from paying the DWR Bond Charge.

STANDBY
APPLICABILITY:

SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges.

(Continued)

Advice 5781-E
Decision

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Robert S. Kenney
Vice President, Regulatory Affairs

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ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 4

APPLICABILITY
(CONT'D):

RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

All customers taking non TOU service under this rate schedule shall be subject to the rates set forth in Table A. All customers taking TOU service under this rate schedule shall be subject to the rates set forth in Table B.

RATES: Standard Non-Time-of-Use Rate

Table A

		TOTAL RATES					
		Secondary Voltage		Primary Voltage		Transmission Voltage	
<u>Total Customer/Meter Charge Rates</u>							
Customer Charge (\$ per meter per day)		\$4.76512	(I)	\$4.76512	(I)	\$4.76512	(I)
<u>Total Demand Rates (\$ per kW)</u>							
Summer		\$21.92	(I)	\$20.66	(I)	\$14.32	(I)
Winter		\$13.26	(I)	\$13.50	(I)	\$10.37	(I)
<u>Total Energy Rates (\$ per kWh)</u>							
Summer		\$0.18600	(I)	\$0.17378	(I)	\$0.13827	(I)
Winter		\$0.14524	(I)	\$0.13998	(I)	\$0.11749	(I)

(Continued)

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ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 5

RATES: Standard Non-Time-of-Use Rates

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

Table A (Cont'd.)

UNBUNDLING OF TOTAL RATES

Customer/Meter Charge Rates: Customer and Meter charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

<u>Demand Rate by Components (\$ per kW)</u>	<u>Secondary Voltage</u>		<u>Primary Voltage</u>		<u>Transmission Voltage</u>	
Generation:						
Summer	\$5.78	(I)	\$5.02	(I)	\$3.95	(R)
Winter	\$0.00		\$0.00		\$0.00	
Distribution**:						
Summer	\$7.30	(I)	\$6.80	(I)	\$1.53	(I)
Winter	\$4.42	(I)	\$4.66	(I)	\$1.53	(I)
Transmission Maximum Demand*	\$9.01		\$9.01		\$9.01	
Reliability Services Maximum Demand*	(\$0.17)		(\$0.17)		(\$0.17)	
<u>Energy Rate by Components (\$ per kWh)</u>						
Generation:						
Summer	\$0.12332	(I)	\$0.11312	(I)	\$0.10332	(R)
Winter	\$0.09601	(I)	\$0.08936	(I)	\$0.08254	(R)
Distribution**:						
Summer	\$0.03588	(I)	\$0.03398	(I)	\$0.00843	(I)
Winter	\$0.02243	(I)	\$0.02394	(I)	\$0.00843	(I)
Transmission Rate Adjustments* (all usage)	\$0.00314		\$0.00314		\$0.00314	
Public Purpose Programs (all usage)	\$0.01206	(I)	\$0.01194	(I)	\$0.01178	(I)
Nuclear Decommissioning (all usage)	\$0.00101	(I)	\$0.00101	(I)	\$0.00101	(I)
Competition Transition Charges (all usage)	\$0.00099	(R)	\$0.00099	(R)	\$0.00099	(R)
Energy Cost Recovery Amount (all usage)	\$0.00005	(I)	\$0.00005	(I)	\$0.00005	(I)
DWR Bond (all usage)	\$0.00580		\$0.00580		\$0.00580	
New System Generation Charge (all usage)**	\$0.00375	(I)	\$0.00375	(I)	\$0.00375	(I)
California Climate Credit (all usage)***	\$0.00000		\$0.00000		\$0.00000	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

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Vice President, Regulatory Affairs

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ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 6

RATES: Time-of-Use Rates for Optional or Real-Time Metering Customers

Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

Table B

Table D

TOTAL RATES						
	Secondary Voltage		Primary Voltage		Transmission Voltage	
<u>Total Customer/Meter Charge Rates</u>						
Customer Charge (\$ per meter per day)	\$4.76512	(I)	\$4.76512	(I)	\$4.76512	(I)
<u>Total Demand Rates (\$ per kW)</u>						
Summer	\$21.92	(I)	\$20.66	(I)	\$14.32	(I)
Winter	\$13.26	(I)	\$13.50	(I)	\$10.37	(I)
<u>Total Energy Rates (\$ per kWh)</u>						
Peak Summer	\$0.23989	(I)	\$0.22597	(I)	\$0.18556	(I)
Part-Peak Summer	\$0.18476	(I)	\$0.17541	(I)	\$0.13869	(I)
Off-Peak Summer	\$0.15669	(I)	\$0.14879	(I)	\$0.11338	(I)
Part-Peak Winter	\$0.15536	(I)	\$0.15168	(I)	\$0.12690	(I)
Off-Peak Winter	\$0.13830	(I)	\$0.13579	(I)	\$0.11232	(I)
<u>PDP Rates (Consecutive Day and Four-Hour Event Option)*</u>						
<u>PDP Charges (\$ per kWh)</u>						
All Usage During PDP Event	\$0.90		\$0.90		\$0.90	
<u>PDP Credits</u>						
<u>Demand (\$ per kW)</u>						
Maximum Summer	(\$3.85)	(R)	(\$3.35)	(R)	(\$2.64)	(R)
<u>Energy (\$ per kWh)</u>						
Peak Summer	(\$0.00073)	(I)	(\$0.00264)	(I)	(\$0.00429)	(R)
Part-Peak Summer	(\$0.00073)	(I)	(\$0.00264)	(I)	(\$0.00429)	(R)
Off-Peak Summer	(\$0.00073)	(I)	(\$0.00264)	(I)	(\$0.00429)	(R)

*See PDP Details, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)



ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 7

RATES: Time-of-Use Rates for Optional or Real-Time Metering Customers

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

Table B (Cont'd.)

UNBUNDLING OF TOTAL RATES

Customer/Meter Charge Rates: Customer and Meter charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

	Secondary Voltage		Primary Voltage		Transmission Voltage	
<u>Demand Rate by Components (\$ per kW)</u>						
Generation:						
Summer	\$5.78	(I)	\$5.02	(I)	\$3.95	(R)
Winter	\$0.00		\$0.00		\$0.00	
Distribution**:						
Summer	\$7.30	(I)	\$6.80	(I)	\$1.53	(I)
Winter	\$4.42	(I)	\$4.66	(I)	\$1.53	(I)
Transmission Maximum Demand*	\$9.01		\$9.01		\$9.01	
Reliability Services Maximum Demand*	(\$0.17)		(\$0.17)		(\$0.17)	
<u>Energy Rate by Components (\$ per kWh)</u>						
Generation:						
Peak Summer	\$0.17721	(I)	\$0.16531	(I)	\$0.15061	(I)
Part-Peak Summer	\$0.12208	(I)	\$0.11475	(I)	\$0.10374	(I)
Off-Peak Summer	\$0.09401	(I)	\$0.08813	(I)	\$0.07843	(I)
Part-Peak Winter	\$0.10613	(I)	\$0.10106	(I)	\$0.09195	(I)
Off-Peak Winter	\$0.08907	(I)	\$0.08517	(I)	\$0.07737	(I)
Distribution**:						
Summer	\$0.03588	(I)	\$0.03398	(I)	\$0.00843	(I)
Winter	\$0.02243	(I)	\$0.02394	(I)	\$0.00843	(I)
Transmission Rate Adjustments* (all usage)	\$0.00314		\$0.00314		\$0.00314	
Public Purpose Programs (all usage)	\$0.01206	(I)	\$0.01194	(I)	\$0.01178	(I)
Competition Transition Charge (all usage)	\$0.00099	(R)	\$0.00099	(R)	\$0.00099	(R)
Energy Cost Recovery Amount (all usage)	\$0.00005	(I)	\$0.00005	(I)	\$0.00005	(I)
Nuclear Decommissioning (all usage)	\$0.00101	(I)	\$0.00101	(I)	\$0.00101	(I)
DWR Bond (all usage)	\$0.00580		\$0.00580		\$0.00580	
New System Generation Charge (all usage)**	\$0.00375	(I)	\$0.00375	(I)	\$0.00375	(I)
California Climate Credit (all usage)***	\$0.00000		\$0.00000		\$0.00000	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

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ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 10

BILLING:
(Cont'd.)

Direct Access (DA) and Community Choice Aggregation (CCA) Customers

purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	<u>DA / CCA CRS</u>	
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005	(I)
DWR Bond Charge (per kWh)	\$0.00580	
CTC Charge (per kWh)	\$0.00099	(R)
Power Charge Indifference Adjustment (per kWh)		
2009 Vintage	\$0.02643	(I)
2010 Vintage	\$0.02969	(I)
2011 Vintage	\$0.03222	(I)
2012 Vintage	\$0.03209	(I)
2013 Vintage	\$0.03432	(I)
2014 Vintage	\$0.03480	(I)
2015 Vintage	\$0.03461	(I)
2016 Vintage	\$0.03447	(I)
2017 Vintage	\$0.03441	(I)
2018 Vintage	\$0.03443	(I)
2019 Vintage	\$0.03669	(I)
2020 Vintage	\$0.04648	(N)

(N)

CARE
DISCOUNT:

Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from paying the DWR Bond Charge

(Continued)



**ELECTRIC SCHEDULE AG-4
TIME-OF-USE AGRICULTURAL POWER**

Sheet 6

2. TERRITORY: Schedule AG-4 applies everywhere PG&E provides electricity service.
3. RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Customer/Meter Charge Rates	Rate A,D	Rate B,E	Rate C,F
Customer Charge (\$ per meter per day)	\$0.57400	\$0.76313	\$2.15003
TOU Meter Charge (\$ per meter per day) (for rate A, B & C)	\$0.22341	\$0.19713	\$0.19713
TOU Meter Charge (\$ per meter per day) (for rate D, E & F)	\$0.06571	\$0.03943	\$0.03943
Total Demand Rates (\$ per kW)			
Connected Load Summer	\$9.69 (I)	—	—
Connected Load Winter	\$1.47 (I)	—	—
Maximum Demand Summer	—	\$11.74 (I)	\$6.15 (I)
Maximum Demand Winter	—	\$2.74 (I)	\$2.97 (I)
Maximum Peak Demand Summer	—	\$6.14 (I)	\$14.60 (I)
Maximum Part-Peak Demand Summer	—	—	\$2.79 (I)
Maximum Part-Peak Demand Winter	—	—	\$0.67 (I)
Primary Voltage Discount Summer (B, E per Maximum Demand; C, F per Maximum Peak Demand)	—	\$1.22 (I)	\$1.59 (I)
Primary Voltage Discount Winter (B, E, C, F per Maximum Demand)	—	\$0.43 (I)	\$0.38 (I)
Transmission Voltage Discount			
Maximum Peak Demand Summer	—	—	\$7.71 (I)
Maximum Part-Peak Demand Summer	—	—	\$1.60 (I)
Maximum Demand Summer	—	—	\$0.29 (I)
Maximum Part-Peak Demand Winter	—	—	\$0.67 (I)
Maximum Demand Winter	—	—	\$2.06 (I)
Total Energy Rates (\$ per kWh)			
Peak Summer	\$0.50179 (I)	\$0.33004 (I)	\$0.30224 (I)
Part-Peak Summer	—	—	\$0.17954 (I)
Off-Peak Summer	\$0.22733 (I)	\$0.18141 (I)	\$0.13666 (I)
Part-Peak Winter	\$0.23481 (I)	\$0.18183 (I)	\$0.15078 (I)
Off-Peak Winter	\$0.19287 (I)	\$0.15436 (I)	\$0.13168 (I)

(Continued)



ELECTRIC SCHEDULE AG-4
TIME-OF-USE AGRICULTURAL POWER

Sheet 7

3. RATES:
(Cont'd.)

TOTAL RATES (Cont'd.)

PDP Rates (Rate A and C Options Only)

	<u>RATE A</u>	<u>RATE C</u>
<u>PDP Charges (\$ per kWh)</u>		
All Usage During PDP Event	\$1.00	\$1.00
<u>PDP Credits</u>		
<u>Demand (\$ per kW)</u>		
Peak Summer	-	(\$1.23) (I)
Part-Peak Summer	-	(\$0.21) (I)
Connected Load	(\$1.05) (R)	-
<u>Energy (\$ per kWh)</u>		
Peak Summer	(\$0.02816) (I)	\$0.00000

(Continued)

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**ELECTRIC SCHEDULE AG-4
TIME-OF-USE AGRICULTURAL POWER**

Sheet 8

3. **RATES:** Total bundled service charges shown on customers' bills are unbundled according to the
(Cont'd.): component rates shown below. PDP charges and credits are all generation and are not
included below

UNBUNDLING OF TOTAL RATES

Customer/Meter Charge Rates: Customer/Meter charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Demand Rates by Component (\$ per kW)	Rate A,D	Rate B,E	Rate C,F
<u>Generation:</u>			
Connected Load Summer	\$1.57 (R)	—	—
Connected Load Winter	\$0.00	—	—
Maximum Demand Summer	—	\$2.77 (R)	\$0.00
Maximum Demand Winter	—	\$0.00	\$0.00
Maximum Peak Demand Summer	—	\$2.95 (R)	\$6.86 (R)
Maximum Part-Peak Demand Summer	—	—	\$1.17
Maximum Part-Peak Demand Winter	—	—	\$0.00
Primary Voltage Discount Summer (B, E per Maximum Demand; C, F per Maximum Peak Demand)	—	\$0.69	\$1.19
Primary Voltage Discount Winter (B, E, C, F per Maximum Demand)	—	\$0.00	\$0.00
Transmission Voltage Discount			
Maximum Peak Demand Summer	—	—	\$2.19
Maximum Part-Peak Demand Summer	—	—	(\$0.02)
Maximum Demand Summer	—	—	\$0.00
Maximum Part-Peak Demand Winter	—	—	\$0.00
Maximum Demand Winter	—	—	\$0.00
<u>Distribution**:</u>			
Connected Load Summer	\$8.12 (I)	—	—
Connected Load Winter	\$1.47 (I)	—	—
Maximum Demand Summer	—	\$8.97 (I)	\$6.15 (I)
Maximum Demand Winter	—	\$2.74 (I)	\$2.97 (I)
Maximum Peak Demand Summer	—	\$3.19 (I)	\$7.74 (I)
Maximum Part-Peak Demand Summer	—	—	\$1.62 (I)
Maximum Part-Peak Demand Winter	—	—	\$0.67 (I)
Primary Voltage Discount Summer (B, E per Maximum Demand; C, F per Maximum Peak Demand)	—	\$0.53 (I)	\$0.40 (I)
Primary Voltage Discount Winter (B, E, C, F per Maximum Demand)	—	\$0.43 (I)	\$0.38 (I)
Transmission Voltage Discount			
Maximum Peak Demand Summer	—	—	\$5.52 (I)
Maximum Part-Peak Demand Summer	—	—	\$1.62 (I)
Maximum Demand Summer	—	—	\$0.29 (I)
Maximum Part-Peak Demand Winter	—	—	\$0.67 (I)
Maximum Demand Winter	—	—	\$2.06 (I)

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)



ELECTRIC SCHEDULE AG-4
TIME-OF-USE AGRICULTURAL POWER

Sheet 9

3. RATES:
(Cont'd.):

UNBUNDLING OF TOTAL RATES (Cont'd.)

Energy Rates by Component (\$ per kWh)	Rate A,D	Rate B,E	Rate C,F
Generation:			
Peak Summer	\$0.18115 (R)	\$0.13862 (R)	\$0.15944 (R)
Part-Peak Summer	—	—	\$0.09179 (R)
Off-Peak Summer	\$0.08070 (R)	\$0.08206 (R)	\$0.06721 (R)
Part-Peak Winter	\$0.08526 (R)	\$0.08011 (R)	\$0.07419 (R)
Off-Peak Winter	\$0.07329 (R)	\$0.06874 (R)	\$0.06363 (R)
Distribution**:			
Peak Summer	\$0.27112 (I)	\$0.14240 (I)	\$0.09378 (I)
Part-Peak Summer	—	—	\$0.03873 (I)
Off-Peak Summer	\$0.09711 (I)	\$0.05033 (I)	\$0.02043 (I)
Part-Peak Winter	\$0.10003 (I)	\$0.05270 (I)	\$0.02757 (I)
Off-Peak Winter	\$0.07006 (I)	\$0.03660 (I)	\$0.01903 (I)

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

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ELECTRIC SCHEDULE AG-4
TIME-OF-USE AGRICULTURAL POWER

Sheet 10

3. RATES:
(Cont'd.)

UNBUNDLING OF TOTAL RATES (Cont'd.)

Energy Rates by Component (\$ per kWh)	Rate A,D	Rate B,E	Rate C,F
Transmission* (all usage)	\$0.02202	\$0.02202	\$0.02202
Transmission Rate Adjustments* (all usage)	\$0.00314	\$0.00314	\$0.00314
Reliability Services* (all usage)	(\$0.00041)	(\$0.00041)	(\$0.00041)
Public Purpose Programs (all usage)	\$0.01328 (R)	\$0.01278 (R)	\$0.01278 (R)
Nuclear Decommissioning (all usage)	\$0.00101 (I)	\$0.00101 (I)	\$0.00101 (I)
Competition Transition Charges (all usage)	\$0.00085 (R)	\$0.00085 (R)	\$0.00085 (R)
Energy Cost Recovery Amount (all usage)	\$0.00005 (I)	\$0.00005 (I)	\$0.00005 (I)
DWR Bond (all usage)	\$0.00580	\$0.00580	\$0.00580
New System Generation Charge (all usage)**	\$0.00378 (I)	\$0.00378 (I)	\$0.00378 (I)
California Climate Credit (all usage)***	\$0.00000	\$0.00000	\$0.00000

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)



ELECTRIC SCHEDULE AG-4
TIME-OF-USE AGRICULTURAL POWER

Sheet 15

12. DEFINITION OF SERVICE VOLTAGE: The following defines the three voltage classes of Schedule AG-4 rates. Standard Service Voltages are listed in Rule 2, Section B.1.
- Secondary: This is the voltage class if the service voltage is less than 2,400 volts or if the definitions of "primary" and "transmission" do not apply to the service.
 - Primary: This is the voltage class if the customer is served from a "single customer substation" or without transformation from PG&E's serving distribution system at one of the standard primary voltages specified in PG&E's Electric Rule 2, Section B.1.

PG&E retains the right to change its line voltage at any time. Customers receiving voltage discounts will get reasonable notice of any impending change. They will then have the option not taking service at the new voltage (and making whatever changes in their system are necessary) or taking service without a voltage discount through transformers supplied by PG&E.

13. BILLING: A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	<u>DA / CCA CRS</u>	
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005	(I)
DWR Bond Charge (per kWh)	\$0.00580	
CTC Charge (per kWh)	\$0.00085	(R)
Power Charge Indifference Adjustment (per kWh)		
2009 Vintage	\$0.02289	(I)
2010 Vintage	\$0.02571	(I)
2011 Vintage	\$0.02790	(I)
2012 Vintage	\$0.02779	(I)
2013 Vintage	\$0.02972	(I)
2014 Vintage	\$0.03014	(I)
2015 Vintage	\$0.02998	(I)
2016 Vintage	\$0.02985	(I)
2017 Vintage	\$0.02980	(I)
2018 Vintage	\$0.02982	(I)
2019 Vintage	\$0.03178	(I)
2020 Vintage	\$0.04026	(N)

(Continued)



ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 6

3. RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Customer/Meter Charge Rates	Rate A,D	Rate B,E	Rate C,F
Customer Charge (\$ per meter per day)	\$0.57400	\$1.19446	\$5.30871
TOU Meter Charge (\$ per meter per day) (for rate A, B & C)	\$0.22341	\$0.19713	\$0.19713
TOU Meter Charge (\$ per meter per day) (for rate D, E & F)	\$0.06571	\$0.03943	\$0.03943
Total Demand Rates (\$ per kW)			
Connected Load Summer	\$14.15 (I)	—	—
Connected Load Winter	\$2.68 (I)	—	—
Maximum Demand Summer	—	\$18.56 (I)	\$7.59 (I)
Maximum Demand Winter	—	\$7.28 (I)	\$4.74 (I)
Maximum Peak Demand Summer	—	\$11.74 (I)	\$20.21 (I)
Maximum Part-Peak Demand Summer	—	—	\$4.21 (I)
Maximum Part-Peak Demand Winter	—	—	\$1.13 (I)
Primary Voltage Discount Summer (B, E per Maximum Demand; C, F per Maximum Peak Demand)	—	\$2.02 (I)	\$2.97 (I)
Primary Voltage Discount Winter (B, E, C, F per Maximum Demand)	—	\$0.22 (I)	\$0.32 (I)
Transmission Voltage Discount	—	—	\$12.76 (I)
Maximum Peak Demand Summer	—	—	\$1.93 (I)
Maximum Part-Peak Demand Summer	—	—	\$4.32 (I)
Maximum Demand Summer	—	\$13.93 (I)	\$1.13 (I)
Maximum Part-Peak Demand Winter	—	—	\$3.10 (I)
Maximum Demand Winter	—	\$6.26 (I)	

(Continued)

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ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 7

3. RATES:
(Cont'd.)

TOTAL RATES (Cont'd.)

Total Energy Rates (\$ per kWh)	Rate A, D		Rate B, E		Rate C, F	
Peak Summer	\$0.34740	(I)	\$0.23912	(I)	\$0.18677	(I)
Part-Peak Summer	—		—		\$0.12997	(I)
Off-Peak Summer	\$0.18146	(I)	\$0.10748	(I)	\$0.10884	(I)
Part-Peak Winter	\$0.19067	(I)	\$0.12992	(I)	\$0.11517	(I)
Off-Peak Winter	\$0.16255	(I)	\$0.09820	(I)	\$0.10556	(I)

PDP Rates (Rate C Option Only)

RATE C

PDP Charges (\$ per kWh)

All Usage During PDP Event

\$1.00

PDP Credits - Demand (\$ per kW)

Peak Summer

(\$2.90) (I)

Part-Peak Summer

(\$0.54) (I)

(Continued)



ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 8

3. **RATES:** Total bundled service charges shown on customers' bills are unbundled according to the
(Cont'd.) component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES

Customer/Meter Charge Rates: Customer/Meter charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Demand Rates by Component (\$ per kW)	Rate A,D	Rate B,E	Rate C,F
Generation:			
Connected Load Summer	\$4.27 (R)	—	—
Connected Load Winter	\$0.00	—	—
Maximum Demand Summer	—	\$5.20 (R)	\$0.00
Maximum Demand Winter	—	\$0.00	\$0.00
Maximum Peak Demand Summer	—	\$6.51 (R)	\$12.12 (I)
Maximum Part-Peak Demand Summer	—	—	\$2.28
Maximum Part-Peak Demand Winter	—	—	\$0.00
Primary Voltage Discount Summer (B, E per Maximum Demand; C, F per Maximum Peak Demand)	—	\$1.63 (R)	\$2.49
Primary Voltage Discount Winter (B, E, C, F per Maximum Demand)	—	\$0.00	\$0.00
Transmission Voltage Discount			
Maximum Peak Demand Summer	—	—	\$4.67 (I)
Maximum Part-Peak Demand Summer	—	—	\$0.00
Maximum Demand Summer	—	\$2.84 (R)	\$0.00
Maximum Part-Peak Demand Winter	—	—	\$0.00
Maximum Demand Winter	—	\$0.00	\$0.00

(Continued)

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ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 9

3.RATES:
(Cont'd.)

UNBUNDLING OF TOTAL RATES (Cont'd.)

Demand Rates by Component (\$ per kW) (Cont'd)	Rate A,D		Rate B,E		Rate C,F	
Distribution**:						
Connected Load Summer	\$9.88	(l)	—		—	
Connected Load Winter	\$2.68	(l)	—		—	
Maximum Demand Summer	—		\$13.36	(l)	\$7.59	(l)
Maximum Demand Winter	—		\$7.28	(l)	\$4.74	(l)
Maximum Peak Demand Summer	—		\$5.23	(l)	\$8.09	(l)
Maximum Part-Peak Demand Summer	—		—		\$1.93	(l)
Maximum Part-Peak Demand Winter	—		—		\$1.13	(l)
Primary Voltage Discount Summer (B, E per Maximum Demand; C, F per Maximum Peak Demand)	—		\$0.39	(l)	\$0.48	(l)
Primary Voltage Discount Winter (B, E, C, F per Maximum Demand)	—		\$0.22	(l)	\$0.32	(l)
Transmission Voltage Discount						
Maximum Peak Demand Summer	—		—		\$8.09	(l)
Maximum Part-Peak Demand Summer	—		—		\$1.93	(l)
Maximum Demand Summer	—		\$11.09	(l)	\$4.32	(l)
Maximum Part-Peak Demand Winter	—		—		\$1.13	(l)
Maximum Demand Winter	—		\$6.26	(l)	\$3.10	(l)

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

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ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 10

3. RATES:
(Cont'd.):

UNBUNDLING OF TOTAL RATES (Cont'd.)

Energy Rates by Component (\$ per kWh)	Rate A,D		Rate B,E		Rate C,F	
Generation:						
Peak Summer	\$0.16828	(R)	\$0.16546	(R)	\$0.13793	(I)
Part-Peak Summer	—		—		\$0.08113	(I)
Off-Peak Summer	\$0.08536	(R)	\$0.05780	(R)	\$0.06000	(I)
Part-Peak Winter	\$0.08920	(R)	\$0.08024	(R)	\$0.06633	(I)
Off-Peak Winter	\$0.07670	(R)	\$0.04852	(R)	\$0.05672	(I)
Distribution**:						
Peak Summer	\$0.12960	(I)	\$0.02607	(I)	\$0.00125	(I)
Part-Peak Summer	—		—		\$0.00125	(I)
Off-Peak Summer	\$0.04658	(I)	\$0.00209	(I)	\$0.00125	(I)
Part-Peak Winter	\$0.05195	(I)	\$0.00209	(I)	\$0.00125	(I)
Off-Peak Winter	\$0.03633	(I)	\$0.00209	(I)	\$0.00125	(I)
Transmission* (all usage)	\$0.02202		\$0.02202		\$0.02202	
Transmission Rate Adjustments* (all usage)	\$0.00314		\$0.00314		\$0.00314	
Reliability Services* (all usage)	(\$0.00041)		(\$0.00041)		(\$0.00041)	
Public Purpose Programs (all usage)	\$0.01328	(R)	\$0.01135	(I)	\$0.01135	(I)
Nuclear Decommissioning (all usage)	\$0.00101	(I)	\$0.00101	(I)	\$0.00101	(I)
Competition Transition Charges (all usage)	\$0.00085	(R)	\$0.00085	(R)	\$0.00085	(R)
Energy Cost Recovery Amount (all usage)	\$0.00005	(I)	\$0.00005	(I)	\$0.00005	(I)
DWR Bond (all usage)	\$0.00580		\$0.00580		\$0.00580	
New System Generation Charge (all usage)**	\$0.00378	(I)	\$0.00378	(I)	\$0.00378	(I)
California Climate Credit (all usage)***	\$0.00000		\$0.00000		\$0.00000	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

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ELECTRIC SCHEDULE AG-5
LARGE TIME-OF-USE AGRICULTURAL POWER

Sheet 16

13. BILLING:
(Cont'd)

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	DA /CCA CRS	
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005	(I)
DWR Bond Charge (per kWh)	\$0.00580	
CTC Charge (per kWh)	\$0.00085	(R)
Power Charge Indifference Adjustment (per kWh)		
2009 Vintage	\$0.02289	(I)
2010 Vintage	\$0.02571	(I)
2011 Vintage	\$0.02790	(I)
2012 Vintage	\$0.02779	(I)
2013 Vintage	\$0.02972	(I)
2014 Vintage	\$0.03014	(I)
2015 Vintage	\$0.02998	(I)
2016 Vintage	\$0.02985	(I)
2017 Vintage	\$0.02980	(I)
2018 Vintage	\$0.02982	(I)
2019 Vintage	\$0.03178	(I)
2020 Vintage	\$0.04026	(N)

(N)

(Continued)



**ELECTRIC SCHEDULE E-1
RESIDENTIAL SERVICES**

Sheet 1

APPLICABILITY: This schedule is applicable to single-phase and polyphase residential service in single-family dwellings and in flats and apartments separately metered by PG&E; to single-phase and polyphase service in common areas in a multifamily complex (see Special Condition 8); and to all single-phase and polyphase farm service on the premises operated by the person whose residence is supplied through the same meter.

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule E-1 charges. See Special Conditions 11 and 12 of this rate schedule for exemptions to standby charges.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

RATES: Total bundled service charges are calculated using the total rates below. Customers on this schedule are subject to the delivery minimum bill amount shown below applied to the delivery portion of the bill (i.e. to all rate components other than the generation rate). In addition, total bundled charges will include applicable generation charges per kWh for all kWh usage.

Customers receiving a medical baseline allowance shall pay for all usage in excess of 200 percent of baseline at a rate \$0.04000 per kWh less than the applicable rate for usage in excess of 200 percent of baseline. No portion of the rates paid by customers that receive a Medical Baseline allowance shall be used to pay the DWR Bond charge. For these customers, the Conservation Incentive Adjustment is calculated residually based on the total rate less the sum of: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Generation, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charges (CTC), New System Generation Charges, and Energy Cost Recovery Amount. Customers receiving a medical baseline allowance shall also receive a 50 percent discount on the delivery minimum bill amount shown below.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Energy Rates (\$ per kWh)	
Baseline Usage	\$0.24348 (I)
101% - 400% of Baseline	\$0.30640 (I)
High Usage Over 400% of Baseline	\$0.53681 (I)
Delivery Minimum Bill Amount (\$ per meter per day)	\$0.32854
California Climate Credit (per household, per semi-annual payment occurring in the April and October bill cycles)	(\$35.73) (R)

(Continued)



**ELECTRIC SCHEDULE E-1
RESIDENTIAL SERVICES**

Sheet 2

RATES:
(Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. Where the delivery minimum bill amount applies, the customer's bill will equal the sum of (1) the delivery minimum bill amount plus (2) for bundled service, the generation rate times the number of kWh used. For revenue accounting purposes, the revenues from the delivery minimum bill amount will be assigned to the Transmission, Transmission Rate Adjustments, Reliability Services, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charges, Energy Cost Recovery Amount, DWR Bond, and New System Generation charges based on kWh usage times the corresponding unbundled rate component per kWh, with any residual revenue assigned to Distribution.***

UNBUNDLING OF TOTAL RATES

Energy Rates by Component (\$ per kWh)

Generation:	\$0.11752	(R)
Distribution**:	\$0.09714	(R)
Conservation Incentive Adjustment:		
Baseline Usage	(\$0.03611)	(I)
101% - 400% of Baseline	\$0.02681	(I)
High Usage Over 400% of Baseline	\$0.25722	(I)
Transmission* (all usage)	\$0.03595	
Transmission Rate Adjustments* (all usage)	\$0.00314	
Reliability Services* (all usage)	(\$0.00066)	
Public Purpose Programs (all usage)	\$0.01297	(I)
Nuclear Decommissioning (all usage)	\$0.00101	(I)
Competition Transition Charges (all usage)	\$0.00096	(R)
Energy Cost Recovery Amount (all usage)	\$0.00005	(I)
DWR Bond (all usage)	\$0.00580	
New System Generation Charge (all usage)**	\$0.00571	(I)

- * Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
 ** Distribution and New System Generation Charges are combined for presentation on customer bills.
 *** This same assignment of revenues applies to direct access and community choice aggregation customers.

(Continued)

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**ELECTRIC SCHEDULE E-1
RESIDENTIAL SERVICES**

Sheet 5

SPECIAL
CONDITIONS:
(Cont'd.)

9. BILLING: A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the total rates and conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, conservation incentive adjustment, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, conservation incentive adjustment, public purpose programs, nuclear decommissioning, the franchise fee surcharge, New System Generation Charges, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS, including exemptions for Medical Baseline and continuous DA service, are set forth in Schedules DA CRS and CCA CRS.

	DA /CCA CRS		
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005	(I)	
DWR Bond Charge (per kWh)	\$0.00580		
CTC Charge (per kWh)	\$0.00096	(R)	
Power Charge Indifference Adjustment (per kWh)			
2009 Vintage	\$0.02561	(I)	
2010 Vintage	\$0.02877	(I)	
2011 Vintage	\$0.03122	(I)	
2012 Vintage	\$0.03109	(I)	
2013 Vintage	\$0.03325	(I)	
2014 Vintage	\$0.03372	(I)	
2015 Vintage	\$0.03354	(I)	
2016 Vintage	\$0.03340	(I)	
2017 Vintage	\$0.03334	(I)	
2018 Vintage	\$0.03336	(I)	
2019 Vintage	\$0.03555	(I)	
2020 Vintage	\$0.04503	(N)	(N)
			(L)
			(L)

(Continued)



**ELECTRIC SCHEDULE E-1
RESIDENTIAL SERVICES**

Sheet 6

SPECIAL
CONDITIONS:
(Cont'd.)

10. SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges
11. DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must transfer to a time-of-use rate, to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to time-of-use (TOU) and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.
12. DWR BOND CHARGE: The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.

(L)
|
|
|
(L)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 5

3. RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-19 (\$ per meter per day)	\$24.71047 (I)	\$37.72102 (I)	\$47.93727 (I)
Customer Charge Voluntary E-19:			
<u>Customer Charge with SmartMeter™</u> (\$ per meter per day)	\$4.76512 (I)	\$4.76512 (I)	\$4.76512 (I)
<u>Customer Charge without SmartMeter™</u>			
Customer Charge Rate V (\$ per meter per day)	\$4.94253 (I)	\$4.94253 (I)	\$4.94253 (I)
Customer Charge Rate W (\$ per meter per day)	\$4.80060 (I)	\$4.80060 (I)	\$4.80060 (I)
Customer Charge Rate X (\$ per meter per day)	\$4.94253 (I)	\$4.94253 (I)	\$4.94253 (I)
<u>Total Demand Rates (\$ per kW)</u>			
Maximum Peak Demand Summer	\$21.92 (I)	\$19.51 (I)	\$14.56
Maximum Part-Peak Demand Summer	\$6.09 (I)	\$5.33 (I)	\$3.65
Maximum Demand Summer	\$21.07 (I)	\$17.44 (I)	\$12.11 (I)
Maximum Part-Peak Demand Winter	\$0.14	\$0.17	\$0.00
Maximum Demand Winter	\$21.07 (I)	\$17.44 (I)	\$12.11 (I)
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.17428 (I)	\$0.16242 (I)	\$0.12022 (I)
Part-Peak Summer	\$0.12657 (I)	\$0.11745 (I)	\$0.10544 (I)
Off-Peak Summer	\$0.09497 (I)	\$0.08854 (I)	\$0.08589 (I)
Part-Peak Winter	\$0.12004 (I)	\$0.11138 (I)	\$0.10777 (I)
Off-Peak Winter	\$0.10282 (I)	\$0.09568 (I)	\$0.09275 (I)
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005
<u>PDP Rates</u>			
<u>PDP Charges (\$ per kWh)</u>			
All Usage During PDP Event	\$1.20	\$1.20	\$1.20
<u>PDP Credits</u>			
<u>Demand (\$ per kW)</u>			
Peak Summer	(\$5.29) (R)	(\$5.18) (R)	(\$5.01) (R)
Part-Peak Summer	(\$1.31) (R)	(\$1.26) (R)	(\$1.25) (R)
<u>Energy (\$ per kWh)</u>			
Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Summer	\$0.00000	\$0.00000	\$0.00000

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 6

3. Rates: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES

Customer/Meter Charge Rates: Customer and meter charge rates provided in the Total Rates section above are assigned entirely to the unbundled distribution component.

<u>Demand Rates by Components (\$ per kW)</u>	<u>Secondary Voltage</u>	<u>Primary Voltage</u>	<u>Transmission Voltage</u>
Generation:			
Maximum Peak Demand Summer	\$14.88	\$13.23 (R)	\$14.56
Maximum Part-Peak Demand Summer	\$3.68	\$3.22	\$3.65
Maximum Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Part-Peak Demand Winter	\$0.00	\$0.00	\$0.00
Maximum Demand Winter	\$0.00	\$0.00	\$0.00
Distribution**:			
Maximum Peak Demand Summer	\$7.04 (I)	\$6.28 (I)	\$0.00
Maximum Part-Peak Demand Summer	\$2.41 (I)	\$2.11 (I)	\$0.00
Maximum Demand Summer	\$12.16 (I)	\$8.53 (I)	\$3.20 (I)
Maximum Part-Peak Demand Winter	\$0.14	\$0.17	\$0.00
Maximum Demand Winter	\$12.16 (I)	\$8.53 (I)	\$3.20 (I)
Transmission Maximum Demand*	\$9.01	\$9.01	\$9.01
Reliability Services Maximum Demand*	(\$0.10)	(\$0.10)	(\$0.10)

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 7

3. Rates: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES (Cont'd.)

<u>Energy Charges by Components (\$ per kWh)</u>	<u>Secondary Voltage</u>		<u>Primary Voltage</u>		<u>Transmission Voltage</u>
Generation:					
Peak Summer	\$0.14785	(I)	\$0.13637	(R)	\$0.09417 (I)
Part-Peak Summer	\$0.10014	(I)	\$0.09140	(R)	\$0.07939 (I)
Off-Peak Summer	\$0.06854	(I)	\$0.06249	(R)	\$0.05984
Part-Peak Winter	\$0.09361	(I)	\$0.08533	(R)	\$0.08172 (I)
Off-Peak Winter	\$0.07639	(I)	\$0.06963	(R)	\$0.06670 (I)
Distribution**:					
Peak Summer	\$0.00000		\$0.00000		\$0.00000
Part-Peak Summer	\$0.00000		\$0.00000		\$0.00000
Off-Peak Summer	\$0.00000		\$0.00000		\$0.00000
Part-Peak Winter	\$0.00000		\$0.00000		\$0.00000
Off-Peak Winter	\$0.00000		\$0.00000		\$0.00000
Transmission Rate Adjustments* (all usage)	\$0.00314		\$0.00314		\$0.00314
Public Purpose Programs (all usage)	\$0.01178	(I)	\$0.01140	(I)	\$0.01140 (I)
Nuclear Decommissioning (all usage)	\$0.00101	(I)	\$0.00101	(I)	\$0.00101 (I)
Competition Transition Charge (all usage)	\$0.00090	(R)	\$0.00090	(R)	\$0.00090 (R)
Energy Cost Recovery Amount (all usage)	\$0.00005	(I)	\$0.00005	(I)	\$0.00005 (I)
DWR Bond (all usage)	\$0.00580		\$0.00580		\$0.00580
New System Generation Charge (all usage)**	\$0.00375	(I)	\$0.00375	(I)	\$0.00375 (I)
California Climate Credit (all usage – E-19V only)***	\$0.00000		\$0.00000		\$0.00000

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 8

a3. Rates: (Cont'd.)

Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 20)

	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-19 (\$ per meter per day)	\$24.71047 (I)	\$37.72102 (I)	\$47.93727 (I)
Customer Charge Voluntary E-19:			
<u>Customer Charge with SmartMeter™</u> (\$ per meter per day)	\$4.76512 (I)	\$4.76512 (I)	\$4.76512 (I)
<u>Customer Charge without SmartMeter™</u>			
Customer Charge Rate V (\$ per meter per day)	\$4.94253 (I)	\$4.94253 (I)	\$4.94253 (I)
Customer Charge Rate W (\$ per meter per day)	\$4.80060 (I)	\$4.80060 (I)	\$4.80060 (I)
Customer Charge Rate X (\$ per meter per day)	\$4.94253 (I)	\$4.94253 (I)	\$4.94253 (I)
<u>Total Demand Rates (\$ per kW)</u>			
Maximum Peak Demand Summer	\$1.76 (I)	\$1.57 (I)	\$0.00
Maximum Part-Peak Demand Summer	\$0.60 (I)	\$0.53 (I)	\$0.00
Maximum Demand Summer	\$21.07 (I)	\$17.44 (I)	\$12.11 (I)
Maximum Part-Peak Demand Winter	\$0.04 (I)	\$0.04	\$0.00
Maximum Demand Winter	\$21.07 (I)	\$17.44 (I)	\$12.11 (I)
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.38982 (I)	\$0.37520 (I)	\$0.31014 (I)
Part-Peak Summer	\$0.18524 (I)	\$0.17422 (I)	\$0.15404 (I)
Off-Peak Summer	\$0.10069 (I)	\$0.09388 (I)	\$0.09139 (I)
Part-Peak Winter	\$0.12540 (I)	\$0.11666 (I)	\$0.11248 (I)
Off-Peak Winter	\$0.10825 (I)	\$0.10077 (I)	\$0.09800 (I)
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 9

3. Rates: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 20)

Customer/Meter Charge Rates: Customer and meter charge rates provided in the Total Rates section above are assigned entirely to the unbundled distribution component.

<u>Demand Rates by Components (\$ per kW)</u>	<u>Secondary Voltage</u>	<u>Primary Voltage</u>	<u>Transmission Voltage</u>
Generation:			
Maximum Peak Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Part-Peak Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Part-Peak Demand Winter	\$0.00	\$0.00	\$0.00
Maximum Demand Winter	\$0.00	\$0.00	\$0.00
Distribution**:			
Maximum Peak Demand Summer	\$1.76 (I)	\$1.57 (I)	\$0.00
Maximum Part-Peak Demand Summer	\$0.60 (I)	\$0.53 (I)	\$0.00
Maximum Demand Summer	\$12.16 (I)	\$8.53 (I)	\$3.20 (I)
Maximum Part-Peak Demand Winter	\$0.04 (I)	\$0.04	\$0.00
Maximum Demand Winter	\$12.16 (I)	\$8.53 (I)	\$3.20 (I)
Transmission Maximum Demand*	\$9.01	\$9.01	\$9.01
Reliability Services Maximum Demand*	(\$0.10)	(\$0.10)	(\$0.10)

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 10

3. Rates: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES FOR OPTION R (Cont'd.)
(for qualifying solar customers as set forth in Section 20)

Customer/Meter Charge Rates: Customer and meter charge rates provided in the Total Rates section above are assigned entirely to the unbundled distribution component.

<u>Energy Charges by Components (\$ per kWh)</u>	<u>Secondary Voltage</u>		<u>Primary Voltage</u>		<u>Transmission Voltage</u>	
Generation:						
Peak Summer	\$0.30825	(I)	\$0.29316	(R)	\$0.28409	(R)
Part-Peak Summer	\$0.14041	(I)	\$0.12996	(R)	\$0.12799	(R)
Off-Peak Summer	\$0.07300	(I)	\$0.06645	(R)	\$0.06534	(R)
Part-Peak Winter	\$0.09716	(I)	\$0.08850	(R)	\$0.08643	(R)
Off-Peak Winter	\$0.08056	(I)	\$0.07334	(R)	\$0.07195	(R)
Distribution**:						
Peak Summer	\$0.05514	(I)	\$0.05599	(I)	\$0.00000	
Part-Peak Summer	\$0.01840	(I)	\$0.01821	(I)	\$0.00000	
Off-Peak Summer	\$0.00126	(I)	\$0.00138	(I)	\$0.00000	
Part-Peak Winter	\$0.00181	(I)	\$0.00211	(I)	\$0.00000	
Off-Peak Winter	\$0.00126	(I)	\$0.00138	(I)	\$0.00000	
Transmission Rate Adjustments* (all usage)	\$0.00314		\$0.00314		\$0.00314	
Public Purpose Programs (all usage)	\$0.01178	(I)	\$0.01140	(I)	\$0.01140	(I)
Nuclear Decommissioning (all usage)	\$0.00101	(I)	\$0.00101	(I)	\$0.00101	(I)
Competition Transition Charge (all usage)	\$0.00090	(R)	\$0.00090	(R)	\$0.00090	(R)
Energy Cost Recovery Amount (all usage)	\$0.00005	(I)	\$0.00005	(I)	\$0.00005	(I)
DWR Bond (all usage)	\$0.00580		\$0.00580		\$0.00580	
New System Generation Charge (all usage)**	\$0.00375	(I)	\$0.00375	(I)	\$0.00375	(I)
California Climate Credit (all usage – E-19V only)***	\$0.00000		\$0.00000		\$0.00000	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 16

13. BILLING:
(Cont'd.)

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	DA / CCA CRS	
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005	(I)
DWR Bond Charge (per kWh)	\$0.00580	
CTC Charge (per kWh)	\$0.00090	(R)
Power Charge Indifference Adjustment (per kWh)		
2009 Vintage	\$0.02422	(I)
2010 Vintage	\$0.02721	(I)
2011 Vintage	\$0.02952	(I)
2012 Vintage	\$0.02941	(I)
2013 Vintage	\$0.03145	(I)
2014 Vintage	\$0.03189	(I)
2015 Vintage	\$0.03172	(I)
2016 Vintage	\$0.03158	(I)
2017 Vintage	\$0.03153	(I)
2018 Vintage	\$0.03155	(I)
2019 Vintage	\$0.03362	(I)
2020 Vintage	\$0.04259	(N)

14. CARE
DISCOUNT
FOR
NONPROFIT
GROUP-
LIVING AND
SPECIAL
EMPLOYEE
HOUSING
FACILITIES:

Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from paying the DWR Bond Charge rate component.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 4

1. **APPLICABILITY:** **Option R for Solar:** The Option R rate is available to qualifying customers taking Bundled, DA and CCA service under Schedule E-20. Eligible customers must have solar photovoltaic (PV) systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 18.
(Cont'd.)
2. **TERRITORY:** Schedule E-20 applies everywhere PG&E provides electric service.
3. **RATES:** Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing

TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-20 (\$ per meter per day)	\$44.96976 (I)	\$45.04730 (I)	\$57.73094 (I)
<u>Total Demand Rates (\$ per kW)</u>			
Maximum Peak Demand Summer	\$21.18 (I)	\$22.76 (I)	\$18.80 (R)
Maximum Part-Peak Demand Summer	\$5.87 (I)	\$6.06 (I)	\$4.48 (R)
Maximum Demand Summer	\$21.27 (I)	\$18.79 (I)	\$10.80 (I)
Maximum Part-Peak Demand Winter	\$0.06	\$0.15 (I)	\$0.00
Maximum Demand Winter	\$21.27 (I)	\$18.79 (I)	\$10.80 (I)
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.16298 (I)	\$0.16528 (I)	\$0.11670 (I)
Part-Peak Summer	\$0.11960 (I)	\$0.11758 (I)	\$0.10222 (I)
Off-Peak Summer	\$0.08981 (I)	\$0.08824 (I)	\$0.08307 (I)
Part-Peak Winter	\$0.11329 (I)	\$0.11129 (I)	\$0.10450 (I)
Off-Peak Winter	\$0.09716 (I)	\$0.09545 (I)	\$0.08979 (I)
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005
<u>PDP Rates</u>			
<u>PDP Charges (\$ per kWh)</u>			
All Usage During PDP Event	\$1.20	\$1.20	\$1.20
<u>PDP Credits</u>			
<u>Demand (\$ per kW)</u>			
Peak Summer	(\$5.10) (I)	(\$5.57) (R)	(\$5.95) (R)
Part-Peak Summer	(\$1.26)	(\$1.32) (R)	(\$1.42) (R)
<u>Energy (\$ per kWh)</u>			
Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Summer	\$0.00000	\$0.00000	\$0.00000

(Continued)

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ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 5

3. RATES: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES

Customer/Meter Charge Rates: Customer and meter charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Demand Rates by Component (\$ per kW)	Secondary Voltage	Primary Voltage	Transmission Voltage
Generation:			
Maximum Peak Demand Summer	\$14.42 (R)	\$15.78 (R)	\$18.80 (R)
Maximum Part-Peak Demand Summer	\$3.56	\$3.73 (R)	\$4.48 (R)
Maximum Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Part-Peak Demand Winter	\$0.00	\$0.00	\$0.00
Maximum Demand Winter	\$0.00	\$0.00	\$0.00
Distribution**:			
Maximum Peak Demand Summer	\$6.76 (I)	\$6.98 (I)	\$0.00
Maximum Part-Peak Demand Summer	\$2.31 (I)	\$2.33 (I)	\$0.00
Maximum Demand Summer	\$11.52 (I)	\$9.04 (I)	\$1.05 (I)
Maximum Part-Peak Demand Winter	\$0.06	\$0.15 (I)	\$0.00
Maximum Demand Winter	\$11.52 (I)	\$9.04 (I)	\$1.05 (I)
Transmission Maximum Demand*	\$9.85	\$9.85	\$9.85
Reliability Services Maximum Demand*	(\$0.10)	(\$0.10)	(\$0.10)
<u>Energy Rates by Component (\$ per kWh)</u>			
Generation:			
Peak Summer	\$0.13740 (R)	\$0.14013 (R)	\$0.09226 (R)
Part-Peak Summer	\$0.09402 (R)	\$0.09243 (R)	\$0.07778 (R)
Off-Peak Summer	\$0.06423 (R)	\$0.06309 (R)	\$0.05863 (R)
Part-Peak Winter	\$0.08771 (R)	\$0.08614 (R)	\$0.08006 (R)
Off-Peak Winter	\$0.07158 (R)	\$0.07030 (R)	\$0.06535 (R)
Distribution**:			
Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Summer	\$0.00000	\$0.00000	\$0.00000
Off-Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Winter	\$0.00000	\$0.00000	\$0.00000
Off-Peak Winter	\$0.00000	\$0.00000	\$0.00000
Transmission Rate Adjustments* (all usage)	\$0.00314	\$0.00314	\$0.00314
Public Purpose Programs (all usage)	\$0.01145 (I)	\$0.01105 (I)	\$0.01040 (I)
Nuclear Decommissioning (all usage)	\$0.00101 (I)	\$0.00101 (I)	\$0.00101 (I)
Competition Transition Charge (all usage)	\$0.00087 (R)	\$0.00084 (R)	\$0.00078 (R)
Energy Cost Recovery Amount (all usage)	\$0.00005 (I)	\$0.00005 (I)	\$0.00005 (I)
DWR Bond (all usage)	\$0.00580	\$0.00580	\$0.00580
New System Generation Charge (all usage)**	\$0.00326 (I)	\$0.00326 (I)	\$0.00326 (I)

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

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ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 6

3. RATES: (Cont'd.)

Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing

TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 18)

	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-20 (\$ per meter per day)	\$44.96976 (I)	\$45.04730 (I)	\$57.73094 (I)
<u>Total Demand Rates (\$ per kW)</u>			
Maximum Peak Demand Summer	\$1.69 (I)	\$1.74 (I)	\$0.00
Maximum Part-Peak Demand Summer	\$0.58 (I)	\$0.58 (I)	\$0.00
Maximum Demand Summer	\$21.27 (I)	\$18.79 (I)	\$10.80 (I)
Maximum Part-Peak Demand Winter	\$0.01	\$0.04	\$0.00
Maximum Demand Winter	\$21.27 (I)	\$18.79 (I)	\$10.80 (I)
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.35508 (I)	\$0.37277 (I)	\$0.31425 (I)
Part-Peak Summer	\$0.17267 (I)	\$0.17026 (I)	\$0.14561 (I)
Off-Peak Summer	\$0.09368 (I)	\$0.09244 (I)	\$0.08554 (I)
Part-Peak Winter	\$0.11657 (I)	\$0.11524 (I)	\$0.10626 (I)
Off-Peak Winter	\$0.10078 (I)	\$0.09941 (I)	\$0.09204 (I)
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 7

3. Rates: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 18)

Customer/Meter Charge Rates: Customer and meter charge rates provided in the Total Rates section above are assigned entirely to the unbundled distribution component.

<u>Demand Rates by Components (\$ per kW)</u>	<u>Secondary Voltage</u>	<u>Primary Voltage</u>	<u>Transmission Voltage</u>
Generation:			
Maximum Peak Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Part-Peak Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Part-Peak Demand Winter	\$0.00	\$0.00	\$0.00
Maximum Demand Winter	\$0.00	\$0.00	\$0.00
Distribution**:			
Maximum Peak Demand Summer	\$1.69 (I)	\$1.74 (I)	\$0.00
Maximum Part-Peak Demand Summer	\$0.58 (I)	\$0.58 (I)	\$0.00
Maximum Demand Summer	\$11.52 (I)	\$9.04 (I)	\$1.05 (I)
Maximum Part-Peak Demand Winter	\$0.01	\$0.04	\$0.00
Maximum Demand Winter	\$11.52 (I)	\$9.04 (I)	\$1.05 (I)
Transmission Maximum Demand*	\$9.85	\$9.85	\$9.85
Reliability Services Maximum Demand*	(\$0.10)	(\$0.10)	(\$0.10)
<u>Energy Rates by Component (\$ per kWh)</u>			
Generation:			
Peak Summer	\$0.28019 (R)	\$0.29749 (R)	\$0.28981 (I)
Part-Peak Summer	\$0.13026 (R)	\$0.12894 (R)	\$0.12117 (I)
Off-Peak Summer	\$0.06705 (R)	\$0.06607 (R)	\$0.06110 (I)
Part-Peak Winter	\$0.08973 (R)	\$0.08835 (R)	\$0.08182 (I)
Off-Peak Winter	\$0.07415 (R)	\$0.07304 (R)	\$0.06760 (I)
Distribution**:			
Peak Summer	\$0.04931 (I)	\$0.05013 (I)	\$0.00000
Part-Peak Summer	\$0.01683 (I)	\$0.01617 (I)	\$0.00000
Off-Peak Summer	\$0.00105 (I)	\$0.00122 (I)	\$0.00000
Part-Peak Winter	\$0.00126 (I)	\$0.00174 (I)	\$0.00000
Off-Peak Winter	\$0.00105 (I)	\$0.00122 (I)	\$0.00000
Transmission Rate Adjustments* (all usage)	\$0.00314	\$0.00314	\$0.00314
Public Purpose Programs (all usage)	\$0.01145 (I)	\$0.01105 (I)	\$0.01040 (I)
Nuclear Decommissioning (all usage)	\$0.00101 (I)	\$0.00101 (I)	\$0.00101 (I)
Competition Transition Charge (all usage)	\$0.00087 (R)	\$0.00084 (R)	\$0.00078 (R)
Energy Cost Recovery Amount (all usage)	\$0.00005 (I)	\$0.00005 (I)	\$0.00005 (I)
DWR Bond (all usage)	\$0.00580	\$0.00580	\$0.00580
New System Generation Charge (all usage)**	\$0.00326 (I)	\$0.00326 (I)	\$0.00326 (I)

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

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ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 11

11. BILLING:

A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

DA / CCA CRS	Secondary Voltage	Primary Voltage	Transmission Voltage
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005 (I)	\$0.00005 (I)	\$0.00005 (I)
DWR Bond Charge (per kWh)	\$0.00580	\$0.00580	\$0.00580
CTC Rate (per kWh)	\$0.00087 (R)	\$0.00084 (R)	\$0.00078 (R)
Power Charge Indifference Adjustment (per kWh)			
2009 Vintage	\$0.02330 (I)	\$0.02240 (I)	\$0.02079 (I)
2010 Vintage	\$0.02617 (I)	\$0.02516 (I)	\$0.02335 (I)
2011 Vintage	\$0.02840 (I)	\$0.02730 (I)	\$0.02534 (I)
2012 Vintage	\$0.02829 (I)	\$0.02720 (I)	\$0.02524 (I)
2013 Vintage	\$0.03026 (I)	\$0.02908 (I)	\$0.02699 (I)
2014 Vintage	\$0.03068 (I)	\$0.02949 (I)	\$0.02737 (I)
2015 Vintage	\$0.03051 (I)	\$0.02933 (I)	\$0.02722 (I)
2016 Vintage	\$0.03039 (I)	\$0.02921 (I)	\$0.02711 (I)
2017 Vintage	\$0.03033 (I)	\$0.02916 (I)	\$0.02706 (I)
2018 Vintage	\$0.03036 (I)	\$0.02918 (I)	\$0.02708 (I)
2019 Vintage	\$0.03235 (I)	\$0.03109 (I)	\$0.02886 (I)
2020 Vintage	\$0.04098 (N)	\$0.03939 (N)	\$0.03656 (N) (N)

(Continued)

Advice 5781-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

March 13, 2020



**ELECTRIC SCHEDULE S
STANDBY SERVICE**

Sheet 4

RATES: (Cont'd.)

RATES: (Cont'd.)	TOTAL RATES					
	Secondary Voltage		Primary Voltage		Transmission Voltage	
Total Maximum Reactive Demand Charge (\$ per kVAR)	\$0.35		\$0.35		\$0.35	
<u>Total Reservation Charge Rate (\$/kW)</u>						
Reservation Charge (per KW per month applied to 85 percent of the Reservation Capacity)	\$8.28	(I)	\$8.28	(I)	\$1.91	(I)
<u>Total Energy Rates (\$ per kWh)</u>						
Peak Summer	\$0.65833	(I)	\$0.65876	(I)	\$0.15565	(I)
Part-Peak Summer	\$0.31160	(I)	\$0.31203	(I)	\$0.13993	(I)
Off-Peak Summer	\$0.13539	(I)	\$0.13582	(I)	\$0.11913	(I)
Part-Peak Winter	\$0.16978	(I)	\$0.17021	(I)	\$0.14240	(I)
Off-Peak Winter	\$0.14430	(I)	\$0.14473	(I)	\$0.12643	(I)
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005		\$0.00005		\$0.00005	
Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below						

UNBUNDLING OF TOTAL RATES

	Secondary Voltage		Primary Voltage		Transmission Voltage	
<u>Reservation Charges Rate by Components (\$/kW)</u>						
Generation	\$0.48	(I)	\$0.48	(I)	\$0.39	
Distribution**	\$6.62	(I)	\$6.62	(I)	\$0.34	(I)
Transmission*	\$1.20		\$1.20		\$1.20	
Reliability Services*	(\$0.02)		(\$0.02)		(\$0.02)	
<u>Energy Rate by Components (\$ per kWh)</u>						
Generation:						
Peak Summer	\$0.12362	(I)	\$0.12362	(I)	\$0.10020	(R)
Part-Peak Summer	\$0.10401	(I)	\$0.10401	(I)	\$0.08448	(R)
Off-Peak Summer	\$0.07834	(I)	\$0.07834	(I)	\$0.06368	(R)
Part-Peak Winter	\$0.10713	(I)	\$0.10713	(I)	\$0.08695	(R)
Off-Peak Winter	\$0.08725	(I)	\$0.08725	(I)	\$0.07098	(R)
Distribution**:						
Peak Summer	\$0.47766	(I)	\$0.47766	(I)	\$0.00000	
Part-Peak Summer	\$0.15054	(I)	\$0.15054	(I)	\$0.00000	
Off-Peak Summer	\$0.00000		\$0.00000		\$0.00000	
Part-Peak Winter	\$0.00560	(I)	\$0.00560	(I)	\$0.00000	
Off-Peak Winter	\$0.00000		\$0.00000		\$0.00000	
Transmission* (all usage)	\$0.02496		\$0.02496		\$0.02496	
Transmission Rate Adjustments* (all usage)	\$0.00314		\$0.00314		\$0.00314	
Reliability Services* (all usage)	(\$0.00046)		(\$0.00046)		(\$0.00046)	
Public Purpose Programs (all usage)	\$0.01361	(R)	\$0.01404	(R)	\$0.01201	(I)
Nuclear Decommissioning (all usage)	\$0.00101	(I)	\$0.00101	(I)	\$0.00101	(I)
Competition Transition Charges	\$0.00069	(R)	\$0.00069	(R)	\$0.00069	(R)
Energy Cost Recovery Amount (all usage)	\$0.00005	(I)	\$0.00005	(I)	\$0.00005	(I)
DWR Bond (all usage)	\$0.00580		\$0.00580		\$0.00580	
New System Generation Charge(all usage)**	\$0.00825	(I)	\$0.00825	(I)	\$0.00825	(I)
California Climate Credit (all usage)***	\$0.00000		\$0.00000		\$0.00000	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

Advice 5781-E
Decision

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Vice President, Regulatory Affairs

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Effective
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March 13, 2020



U 39

**Pacific Gas and
Electric Company®**

San Francisco, California

Cancelling Revised
RevisedCal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No. 45637-E**ELECTRIC SCHEDULE S
STANDBY SERVICE**

Sheet 5

RATES
(Cont'd.)Meter and Customer Charges:*
(\$/meter/day)

Customer Class	Customer Charge	TOU or Load Profile Meter Charge	
Residential	\$0.16427	\$0.12813	
Agricultural	\$0.90678	\$0.19713	
Small Light and Power (Reservation Capacity ≤ 75 kW)			
Single Phase Service	\$0.32854	\$0.20107	
PolyPhase Service	\$0.82136	\$0.20107	
Medium Light and Power (Reservation Capacity > 75 kW and < 500 kW)	\$4.76512	(I)	\$0.17741
Medium Light and Power (Reservation Capacity ≥ 500 kW and < 1000 kW)			
Transmission	\$47.93727	(I)	—
Primary	\$37.72102	(I)	—
Secondary	\$24.71047	(I)	—
Large Light and Power (Reservation Capacity ≥ 1000 kW)			
Transmission	\$57.73094	(I)	—
Primary	\$45.04730	(I)	—
Secondary	\$44.96976	(I)	—
Supplemental Standby Service Meter Charge	—	\$6.11088	

* All Meter and Customer charges are assigned to distribution.

(Continued)

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**ELECTRIC SCHEDULE S
STANDBY SERVICE**

Sheet 12

SPECIAL
CONDITIONS:
(Cont'd.)

3. **REDUCED CUSTOMER CHARGE:** Standby customers may qualify for a reduced Customer Charge. The following daily Customer Charges apply to customers who pay special facilities charges pursuant to Rule 21 for all of the interconnection facilities in place for PG&E to provide service to them:

Small Light and Power (Reservation Capacity \leq 75 kW)	\$0.32854
Medium Light and Power (Reservation Capacity $>$ 75 kW and $<$ 500 kW)	
Primary	\$4.59959
Secondary	\$1.23433
Medium Light and Power (Reservation Capacity \geq 500 kW and $<$ 1000 kW)	
Primary	\$11.72698
Secondary	\$7.91556
Transmission	\$18.68945
Large Light and Power (Reservation Capacity \geq 1000 kW)	
Primary	\$8.44583
Secondary	\$10.75515
Transmission	\$24.52271

4. **PARALLEL OPERATION:** Any customer may operate its generating plant in parallel with PG&E's system if the customer's plant is constructed and operated in accordance with Rule 21. However, a customer who operates its plant in parallel must assume responsibility for protecting PG&E and other parties from damage resulting from negligent operation of the customer's facilities. Customers may be required to meet requirements imposed by other governing entities having jurisdiction over PG&E's transmission lines including the ISO and the Western Systems Coordinating Council. The customer shall provide, own, install, and maintain all facilities necessary to accommodate any metering equipment specified by PG&E. Meters shall not allow reverse registration except as allowed under PG&E's net energy metering schedules.
5. **CONTRACT:** This schedule is applicable only on a one-year contract Form No. 79-285). Once the initial one-year term is over, the contract will automatically continue in effect for successive terms of one year each until it is cancelled. Either party may cancel the contract by giving written notice not less than 30 days prior to the end of the current term. If the customer at any time increases the capacity of a load connected to its plant (or other source), the customer shall promptly notify PG&E. Any revision to the Reservation Capacity shall then be redetermined to be applicable beginning in the month in which such increase occurs.
6. **LIMITATION ON RESERVATION CAPACITY SERVED:** Standby service to new or increased loads is limited to PG&E's ability to serve such loads without jeopardizing service to existing customers on rate schedules for firm service, including standby service. If standby service to any load or combination of loads is refused by PG&E, PG&E shall notify the California Public Utilities Commission (Commission) in writing. Standby service will require a special contract which shall be subject to approval of the Commission in the following cases:
- Reservation Capacity exceeds 100,000 Kw per account;
 - The combined Reservation Capacity for two or more customers whose other power source is a single, nonutility plant, exceeds 100,000 Kw; and
 - The service is of an unusual character, as determined by PG&E.

(Continued)



**ELECTRIC SCHEDULE S
STANDBY SERVICE**

Sheet 15

SPECIAL
CONDITIONS:
(Cont'd.)

12. **BILLING:** A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery service solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	DA / CCA CRS	
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005	(I)
DWR Bond Charge (per kWh)	\$0.00580	
CTC Charge (per kWh)	\$0.00069	(R)
Power Charge Indifference Adjustment (per kWh)		
2009 Vintage	\$0.01850	(I)
2010 Vintage	\$0.02079	(I)
2011 Vintage	\$0.02256	(I)
2012 Vintage	\$0.02247	(I)
2013 Vintage	\$0.02403	(I)
2014 Vintage	\$0.02437	(I)
2015 Vintage	\$0.02423	(I)
2016 Vintage	\$0.02413	(I)
2017 Vintage	\$0.02409	(I)
2018 Vintage	\$0.02411	(I)
2019 Vintage	\$0.02569	(I)
2020 Vintage	\$0.03255	(N)

13. **DWR BOND CHARGE:** The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.
14. **SCHEDULED MAINTENANCE:** Customers may be allowed to place maintenance load on the distribution system during mutually agreed times (Scheduled Maintenance). Maintenance load is defined as a customer's load that would have otherwise been served by the DG that is down for maintenance. Customers shall provide four (4) days notice prior to PG&E determining whether and when Scheduled Maintenance is available ("Request"). For each Request, customers shall pay PG&E, at the time of such notification, for its expenses related to the scheduling and any necessary rearrangement of its facilities to accommodate Scheduled Maintenance.

(Continued)

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

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	
	Energy Management Service	Redwood Coast Energy Authority
Alta Power Group, LLC	Engineers and Scientists of California	Regulatory & Cogeneration Service, Inc.
Anderson & Poole	Evaluation + Strategy for Social	SCD Energy Solutions
	Innovation	
Atlas ReFuel	GenOn Energy, Inc.	SCE
BART	Goodin, MacBride, Squeri, Schlotz &	SDG&E and SoCalGas
	Ritchie	
Barkovich & Yap, Inc.	Green Charge Networks	SPURR
P.C. CalCom Solar	Green Power Institute	San Francisco Water Power and Sewer
California Cotton Ginners & Growers Assn	Hanna & Morton	Seattle City Light
California Energy Commission	ICF	Sempra Utilities
California Public Utilities Commission	IGS Energy	Southern California Edison Company
California State Association of Counties	International Power Technology	Southern California Gas Company
Calpine	Intestate Gas Services, Inc.	Spark Energy
	Kelly Group	Sun Light & Power
Cameron-Daniel, P.C.	Ken Bohn Consulting	Sunshine Design
Casner, Steve	Keyes & Fox LLP	Tecogen, Inc.
Cenergy Power	Leviton Manufacturing Co., Inc. Linde	TerraVerde Renewable Partners
Center for Biological Diversity	Los Angeles County Integrated	Tiger Natural Gas, Inc.
	Waste Management Task Force	
Chevron Pipeline and Power	Los Angeles Dept of Water & Power	TransCanada
City of Palo Alto	MRW & Associates	Troutman Sanders LLP
	Manatt Phelps Phillips	Utility Cost Management
City of San Jose	Marin Energy Authority	Utility Power Solutions
Clean Power Research	McKenzie & Associates	Utility Specialists
Coast Economic Consulting		
Commercial Energy	Modesto Irrigation District	Verizon
County of Tehama - Department of Public	Morgan Stanley	Water and Energy Consulting Wellhead
Works	NLine Energy, Inc.	Electric Company
Crossborder Energy	NRG Solar	Western Manufactured Housing
Crown Road Energy, LLC		Communities Association (WMA)
Davis Wright Tremaine LLP	Office of Ratepayer Advocates	Yep Energy
Day Carter Murphy	OnGrid Solar	
	Pacific Gas and Electric Company	
Dept of General Services	Peninsula Clean Energy	
Don Pickett & Associates, Inc.		
Douglass & Liddell		