

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



August 1, 2023

Advice Letter 6952-E/E-A

Sidney Bob Dietz II
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street
San Francisco, California 94177
E-mail: PGETariffs@pge.com

SUBJECT: Notification of Energy Resource Recovery Account Reaching the Trigger Amount in Compliance with Decision 02-10-062, Decision 08-08-011, and Decision 22-01-023

Dear Mr. Dietz:

Pacific Gas and Electric Company Advice Letter 6952-E/E-A is effective as of June 5, 2023.

Sincerely,

A handwritten signature in black ink that reads "Leuwam Tesfai".

Leuwam Tesfai
Deputy Executive Director for Energy and Climate Policy/
Director, Energy Division
California Public Utilities Commission

June 30, 2023

Advice 6952-E-A

(Pacific Gas and Electric Company U 39 E)

Public Utilities Commission of the State of California

Subject: Notification of Energy Resource Recovery Account Reaching the Trigger Amount in Compliance with Decision 02-10-062, Decision 08-08-011, and Decision 22-01-023

Purpose

Pacific Gas and Electric Company (PG&E) supplements this advice letter to update the California Public Utilities Commission (Commission or CPUC) regarding the Energy Resource Recovery Account (ERRA) balance net of the bundled customer share of the Portfolio Allocation Balancing Account (PABA) balances (ERRA Trigger Balance).

On May 30, 2023, in compliance with Decision (D.) 02-10-062, D.08-08-011, and D. 22-01-023, PG&E submitted Advice 6952-E to notify the Commission that its April recorded ERRA Trigger Balance surpassed the four percent trigger amount. PG&E's analysis excluded amounts that are currently authorized¹ to be collected in 2023 bundled customer electric rates (hereinafter, the "Incremental ERRA Trigger Balance"). PG&E did not request a change in rates in because the Incremental ERRA Trigger Balance was forecasted to self-correct within 120 days, by August.

By this Supplement, PG&E updates the Commission that, based on the May business accounting close, PG&E currently forecasts that instead of August, the self-correction may occur by the end of September, or within 120 days of the recorded balances in May. The September Incremental ERRA Trigger Balance is currently forecasted to be \$174 million, or 3.3 percent (See Table 1, Line 5) of the prior year's generation revenues, and the end-of-year 2023 Incremental ERRA Trigger Balance to be \$195 million, or 3.6 percent of the prior year's generation revenues (See Table 1, Line 12). Therefore, PG&E continues to view a change in rates as unnecessary at this time, as the 2023 authorized revenues are sufficient to meet costs by year end.

In addition to the historically high gas and electric prices observed in December of 2022 that lingered into January 2023 and resulted in the observed Incremental ERRA Trigger under-collected balance, the recorded May ERRA Trigger balance is more under-collected than anticipated. This is primarily due to lower May recorded bundled load and ERRA revenue that resulted from milder weather. However, PG&E forecasts self-correction by September, or within 120 days relative to the recorded balances in May, as

¹ D. 22-12-044

well as by year end driven by the expected decline in gas and electric prices. Due to the persistent volatility in the natural gas market and with electric energy prices, PG&E expects to closely monitor the impact of market conditions on PG&E's actual and forecast account balances and, based on such updated information, will determine whether an ERRA Trigger Application is required later in 2023.

Background

Under D.02-10-062, PG&E is required to file an expedited application when its ERRA balancing account is 4 percent over or under-collected of the prior year's recorded generation revenues (or "the ERRA Trigger mechanism").² In an ERRA Trigger Application, the utility would include a projected account balance in 60 days or more from the date of filing to illustrate when the balance would reach the 5 percent threshold. PG&E may, on an expedited basis, request a change in rates to address the over-collection or under-collection and to ensure timely recovery of the projected ERRA balance.

In D.08-08-011, the Commission authorized PG&E to notify the Commission through an advice letter when the ERRA balance exceeds its trigger amount, instead of in an expedited application, if PG&E does not seek a change in rates and the ERRA balance is expected to self-correct below the Trigger Amount within 120 days of filing.³

The ERRA Trigger mechanism was modified in D.22-01-023 to consider ERRA account balances net of PABA balances when calculating whether over- or under-collections exceed the 4 percent trigger point and 5 percent threshold of the utility's authorized fuel and power purchase revenue requirement approved in the previous year.⁴ Subsequently, PG&E submitted Advice 6515-E to, among other things, modify its Electric Preliminary Statement Part CP to reflect changes to the ERRA Trigger mechanism (e.g., to consider ERRA balance net of PABA balances).⁵

On November 22, 2022, PG&E filed Application (A.) 22-11-020 requesting Commission authorization to dispose the utility's 2022 year-end under-collected ERRA trigger balance (2022 ERRA Trigger Balance) through the 2023 ERRA Forecast Application (A. 22-05-029).⁶ Pursuant to D. 22-12-044, authorizing A.22-05-029, PG&E amortized its forecast 2022 ERRA Trigger Balance in the 2023 rates effective January 1, 2023.⁷

² D. 02-10-062, pp. 59-64; D. 04-01-040, p. 177.

³ D. 08-08-011, Ordering Paragraph (OP) 3.

⁴ D. 22-01-023, COL 10, OP 8.

⁵ Energy Division approved Advice 6515-E on March 25, 2022.

⁶ On May 8, 2023, proposed decision was issued to close PG&E's 2022 ERRA Trigger Application (A.22-11-020). The proposed decision concludes that the under-collected balance was fully resolved by PG&E's 2023 ERRA Forecast Decision (D.22-12-044).

⁷ PG&E's implemented new rates effective January 1, 2023 through the Annual Electric True-Up Advice 6805-E. Advice 6805-E was accepted by the Commission on January 6, 2023

Status of Bundled Share of ERRA and PABA Balance

OP 9 of D. 22-01-023 directed the investor-owned utilities, including PG&E, to modify the Monthly ERRA/PABA Activity Report to include “(a) a description of the attribution of PABA balances to bundled customers, and (b) a description of whether the combined PABA and ERRA balance reached or exceeded the trigger”. PG&E’s April and May ERRA/PABA Activity Report indicating that the ERRA Trigger Balance, respectively, reached 13.97 percent and 13.64 percent, exceeding the 2023 ERRA Trigger and Threshold Amounts established by Advice 6862-E. PG&E expects \$291 million of the ERRA Trigger balance will continue to be amortized in the authorized 2023 rates over the remaining 7 months through December 2023.⁸ The May recorded Incremental ERRA Trigger Balance not included in the 2023 rates is \$441 million or 8.2 percent.⁹

Table 1 below shows the combined ERRA Trigger Balances, including actual amounts through May 2023, consistent with PG&E’s May ERRA/PABA Activity Report, and forecasted balances for June 2023 through December 2023. The forecast Incremental ERRA Trigger Under/(Over) Collected Balance (Column G) shows self-correction relative to May within 120 days by September 2023.

**TABLE 1
INCREMENTAL ERRA TRIGGER UNDER/(OVER) COLLECTED BALANCES
(MILLIONS OF DOLLARS)**

Line No.	Business Cycle Close	ERRA	Bundled Share of PABA	ERRA Trigger	ERRA Trigger Forecast in Rates	Incremental ERRA Trigger	5% Threshold Amount ^{1/}	Percent of prior year recorded generation revenues, excluding DWR	
		(A)	(B)	(C)	(D)	(E)=(C)-(D)	(F)	(G)=(E)/(F/5%)	
1	Jan-23	260	405	665	523	142	278	2.5%	Recorded ^{2/}
2	Feb-23	267	446	713	500	213	268	4.0%	Recorded ^{2/}
3	Mar-23	293	403	697	511	185	268	3.5%	Recorded ^{2/}
4	Apr-23	322	426	749 ^{3/}	448	300	268	5.6%	Recorded ^{2/}
5	May-23	241	490	731 ^{3/}	291	441	268	8.2%	Recorded ^{2/}
6	Jun-23	31	543	573	151	422	268	7.9%	Forecast
7	Jul-23	(67)	490	423	114	309	268	5.8%	Forecast
8	Aug-23	(118)	446	328	95	233	268	4.3%	Forecast
9	Sep-23	(168)	391	223	48	174	268	3.3%	Forecast
10	Oct-23	(224)	388	164	4	160	268	3.0%	Forecast
11	Nov-23	(237)	363	126	(27)	153	268	2.8%	Forecast
12	Dec-23	(92)	289	197	2	195	268	3.6%	Forecast

Note:

^{1/} \$278 million is based on Advice 6502-E effective February 15, 2022 and \$268 million is based on Advice 6862-E effective February 15, 2023. \$268 million is 5% PG&E’s 2022 authorized fuel and power purchase revenue requirement, or \$5,361 million

^{2/} Recorded based on the monthly Activity Reports submitted to the Energy Division

^{3/} The April ERRA Trigger Balance is \$749 million or 13.97% as compared to the 5% Threshold Amount. The May ERRA Trigger Balance is \$731 million or 13.64% as compared to the 5% Threshold Amount

⁸ Table 1 Line 5, Columns C and D

⁹ Table 1 Line 5, Columns E and G

The ERRA Trigger Balance (Column C) is the sum of

- Column A: ERRA which records the power costs associated with PG&E's authorized procurement plan and Public Utilities Code Section 454.5 (d)(3). Power costs recorded in ERRA are applicable solely to PG&E's bundled customers.¹⁰
- Column B: PABA which records the above-market costs for PCIA-eligible generation resources from both bundled and departing load customers, as authorized in D.18-10-019. The bundled share of PABA is calculated based upon the proportion of revenue requirements attributed to bundled customers in the currently effective rates.

The ERRA Trigger Balance Forecast in Rates (Column D) is the sum of the same balancing accounts described above, calculated based on the forecast customer revenue, market cost/revenue and procurement cost, among other things, that were embedded in the 2023 forecast rates effective January 1, 2023.

The Incremental ERRA Trigger Balance (Column E) is the difference between the ERRA Trigger Balance recorded as of May 2023 (including subsequent balance of the year forecast) and that authorized for amortization in the 2023 rates, Column C and D, respectively. It is then compared to the 5 percent threshold amount (Column F) to derive the corresponding percentage of prior year generation revenue for that month (Column G).

The primary drivers for the Incremental ERRA Trigger Balance (Column E) are the higher than forecast market prices for PG&E's bundled load, partially offset by greater than expected PCIA resource market revenues, as well as lower May ERRA revenue and bundled load, among other things. Average natural gas prices for December 2022 through January 2023 were more than double the PG&E Citygate forward prices adopted in PG&E's 2023 ERRA Forecast, resulting in higher market prices in the California Independent System Operator Corporation (CAISO) market.¹¹

As demonstrated above, based on its current forecasting assumptions, PG&E forecasts the Incremental ERRA Trigger Balance to self-correct by September 2023. Attachment 1 to this advice letter is the Declaration of Angelia Vega attesting that the account balances have reached the trigger threshold and the balance forecasted for the remainder of 2023. Attachment 2 to this advice letter is Ms. Vega's declaration attesting that the cost forecast assumptions herein are protected for three years pursuant to D.06-06-066 and D.08-04-023.

¹⁰ Includes a small credit of the bundled portion of the PCIA Financing Subaccount (PFS), that is related to revenue shortfalls associated with capped 2020 PCIA rates for eligible departing load customers, financed by bundled customers. The PCIA rate cap was removed in D.21-05-030.

¹¹ See Commission press release [CPUC Opens Public Inquiry on High Winter Natural Gas Prices](#)

No Rate Change Request is Necessary at This Time

Although PG&E's Incremental ERRA balance exceeded the Trigger Amount as of the April and May accounting cycle close, PG&E is not requesting a change in rates at this time because the balance is forecasted to self-correct by end of the year. PG&E noted that Commission notification was submitted on May 30, 2023 via Advice 6952-E and that this supplement is an update to the information to that provided in Advice 6952-E to inform the Commission of updates to balances and forecasting conditions.

The forecasted self-correction and the continued recommendation for no change in rates at this time is driven by the forecasted decrease in gas and electric prices. PG&E will closely monitor recorded actuals and the impact of market conditions on PG&E's forecasted balances to determine whether an ERRA Trigger Application and/or rate change is later required in 2023.

Request for Relief

PG&E respectfully requests that, through disposition of this Advice Letter, the Commission (1) acknowledge the under-collected Incremental ERRA Trigger Balance and that Advice 6952-E and this supplement satisfies the D.08-08-011 and D. 22-01-023 requirements that PG&E informed the Commission when its ERRA reached the 4 percent Trigger Amount; and (2) acknowledge that no rate change is necessary to address the under-collected balance at this time.

Protests

Anyone wishing to protest this submittal may do so by letter sent electronically via E-mail, no later than July 20, 2023, which is 20 days after the date of this submittal. Protests must be submitted to:

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

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

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

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name and e-mail address of the protestant; and

statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

Pursuant to General Order (GO) 96-B, Rule 5.2, this advice letter is submitted with a Tier 2 designation. PG&E requests that this Tier 2 advice submittal become effective on regular notice, July 30, 2023, which is 30 calendar days from the date of submittal.

Notice

In accordance with GO 96-B, Section IV, a copy of this advice letter is being sent electronically to parties shown on the attached list and the parties on the service list for A.22-05-029. Address changes to the GO 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Sidney Bob Dietz II
Director, Regulatory Relations
CPUC Communications

cc: Service List A.22-05-029



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 (U 39 E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Stuart Rubio

Phone #: 279-789-6210

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: stuart.rubio@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) #: 6952-E-A

Tier Designation: 2

Subject of AL: Notification of Energy Resource Recovery Account Reaching the Trigger Amount in Compliance with Decision 02-10-062, Decision 08-08-011, and Decision 22-01-023

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.02-10-062, D.08-08-011, D.22-01-023

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: N/A

Confidential treatment requested? Yes No

If yes, specification of confidential information: see confidential declaration and matrix
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: Angelia Vega, Angelia.vega@pge.com

Resolution required? Yes No

Requested effective date: 7/30/23

No. of tariff sheets: 0

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

California Public Utilities Commission
Energy Division Tariff Unit Email:
EDTariffUnit@cpuc.ca.gov

Contact Name: Sidnev Bob Dietz II. c/o Megan Lawson
Title: Director, Regulatory Relations
Utility/Entity Name: Pacific Gas and Electric Company

Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx:
Email: PGETariffs@pge.com

Contact Name:
Title:
Utility/Entity Name:

Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

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

Clear Form

Public Attachment 1

PACIFIC GAS AND ELECTRIC COMPANY
DECLARATION OF ANGELIA VEGA
IN SUPPORT OF SUPPLEMENTAL ADVICE 6952-E-A
PURSUANT TO THE COMMISSION’S APPROVED
ENERGY RESOURCE RECOVERY ACCOUNT (ERRA) TRIGGER MECHANISM

I, Angelia Vega, declare as following:

1. My business address is Pacific Gas and Electric Company (“PG&E”), 300 Lakeside Drive, Oakland, California. I am a Strategic Analyst, Expert in the Portfolio and Resource Forecasting Department within the Energy Policy and Procurement organization. I am responsible for developing testimony and analysis to support proceedings filed at the California Public Utilities Commission (“CPUC” or “Commission”) on matters related to generation procurement.

2. I am a Fellow of the Chartered Association of Certified Accountants from the United Kingdom. I joined PG&E in 2005, initially working as a Senior Accounting Analyst within the Controllers’ Department, and then as an Expert Regulatory Analyst in the Rates and Regulatory Analytics Department. My assignments in these departments were: accounting for various balancing accounts; participating in the development and implementation of accounting process improvements; providing analysis on recorded and forecast electric revenue and cost; and developing testimony and analysis to support proceedings filed at the CPUC on matters related to generation procurement. My job was transferred to the Portfolio and Resource Forecasting Department in 2018. I have previously sponsored testimony before the CPUC, including in prior Energy Resource Recovery Account (ERRA) Forecast proceedings.

3. In Ordering Paragraph (OP 9) of Decision (D.) 22-01-023, the Commission directed the investor-owned utilities (IOUs) to modify the Activity Report to include “(a) a description of the attribution of PABA balances to bundled customers, and (b) a description of whether the combined PABA and ERRA balance reached or exceeded the trigger”. PG&E’s April and May ERRA/PABA Activity Report indicating that the ERRA Trigger Balance, respectively, reached 13.97 percent and 13.64 percent, exceeding the 2023 ERRA Trigger and Threshold Amounts established by Advice 6862-E. PG&E expects \$291 million of the ERRA Trigger balance will continue to be amortized in the authorized 2023 rates over the remaining 7 months through December 2023. The May recorded Incremental ERRA Trigger Balance not included in the 2023 rates is \$441 million or 8.2 percent.

TABLE 1
ERRA Trigger Under/(Over) Collected Balance
(\$ Millions)

Line No.	Business Cycle Close	ERRA	Bundled Share of PABA	ERRA Trigger	ERRA Trigger Forecast in Rates	Incremental ERRA Trigger	5% Threshold Amount ^{1/}	Percent of prior year recorded generation revenues, excluding DWR	
		(A)	(B)	(C)	(D)	(E)=(C)-(D)	(F)	(G)=(E)/(F/5%)	
1	Jan-23	260	405	665	523	142	278	2.5%	Recorded ^{2/}
2	Feb-23	267	446	713	500	213	268	4.0%	Recorded ^{2/}
3	Mar-23	293	403	697	511	185	268	3.5%	Recorded ^{2/}
4	Apr-23	322	426	749 ^{3/}	448	300	268	5.6%	Recorded ^{2/}
5	May-23	241	490	731 ^{3/}	291	441	268	8.2%	Recorded ^{2/}
6	Jun-23	31	543	573	151	422	268	7.9%	Forecast
7	Jul-23	(67)	490	423	114	309	268	5.8%	Forecast
8	Aug-23	(118)	446	328	95	233	268	4.3%	Forecast
9	Sep-23	(168)	391	223	48	174	268	3.3%	Forecast
10	Oct-23	(224)	388	164	4	160	268	3.0%	Forecast
11	Nov-23	(237)	363	126	(27)	153	268	2.8%	Forecast
12	Dec-23	(92)	289	197	2	195	268	3.6%	Forecast

Note:

^{1/} \$278 million is based on Advice 6502-E effective February 15, 2022 and \$268 million is based on Advice 6862-E effective February 15, 2023. \$268 million is 5% PG&E’s 2022 authorized fuel and power purchase revenue requirement, or \$5,361 million

^{2/} Recorded based on the monthly Activity Reports submitted to the Energy Division

^{3/} The April ERRA Trigger Balance is \$749 million or 13.97% as compared to the 5% Threshold Amount. The May ERRA Trigger Balance is \$731 million or 13.64% as compared to the 5% Threshold Amount

I declare under penalty of perjury that the foregoing is true and correct. Executed at
Oakland, California, this 30th day of June, 2023.

/s/ *Angelia Vega*
ANGELIA VEGA

**PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)
 SUPPLEMENTAL ADVICE LETTER 6952-E-A PURSUANT TO THE COMMISSION'S APPROVED
 ENERGY RESOURCE RECOVERY ACCOUNT TRIGGER MECHANISM**

SERVED ON JUNE 30, 2023

IDENTIFICATION OF CONFIDENTIAL INFORMATION

Redaction Reference	Category from D.06-06-066, Appendix 1, or Separate Confidentiality Order That Data Corresponds To	Justification for Confidential Treatment	Length of Time Data To Be Kept Confidential
Document: Workpapers			
See redactions	II.B.1 – Generation Cost Forecast (Utility-Owned Generation) II.B.4 – Generation Cost Forecast (Non-QF Bilaterals)	Confidential generation cost forecast for utility-owned generation. Public by resource category (<i>e.g.</i> , hydro, conventional, etc.) after three years. Confidential generation cost forecast for Non-QF generation. Public by resource category (<i>e.g.</i> , hydro, conventional, etc.) after three years.	Three Years

Public Attachment 2

TABLE 1
ERRA Trigger Under/(Over) Collected Balance
(\$ Millions)

Line No.	Business Cycle Close	ERRA	Bundled Share of PABA	ERRA Trigger	ERRA Trigger Forecast in Rates	Incremental ERRA Trigger	5% Threshold Amount ^{1/}	Percent of prior year recorded generation revenues, excluding DWR	
		(A)	(B)	(C)	(D)	(E)=(C)-(D)	(F)	(G)=(E)/(F/5%)	
1	Jan-23	260	405	665	523	142	278	2.5%	Recorded ^{2/}
2	Feb-23	267	446	713	500	213	268	4.0%	Recorded ^{2/}
3	Mar-23	293	403	697	511	185	268	3.5%	Recorded ^{2/}
4	Apr-23	322	426	749 ^{3/}	448	300	268	5.6%	Recorded ^{2/}
5	May-23	241	490	731 ^{3/}	291	441	268	8.2%	Recorded ^{2/}
6	Jun-23	31	543	573	151	422	268	7.9%	Forecast
7	Jul-23	(67)	490	423	114	309	268	5.8%	Forecast
8	Aug-23	(118)	446	328	95	233	268	4.3%	Forecast
9	Sep-23	(168)	391	223	48	174	268	3.3%	Forecast
10	Oct-23	(224)	388	164	4	160	268	3.0%	Forecast
11	Nov-23	(237)	363	126	(27)	153	268	2.8%	Forecast
12	Dec-23	(92)	289	197	2	195	268	3.6%	Forecast

Note:

^{1/} \$278 million is based on Advice 6502-E effective February 15, 2022 and \$268 million is based on Advice 6862-E effective February 15, 2023. \$268 million is 5% PG&E's 2022 authorized fuel and power purchase revenue requirement, or \$5,361 million

^{2/} Recorded based on the monthly Activity Reports submitted to the Energy Division

^{3/} The April ERRA Trigger Balance is \$749 million or 13.97% as compared to the 5% Threshold Amount. The May ERRA Trigger Balance is \$731 million or 13.64% as compared to the 5% Threshold Amount

Advice 6952-E-A

TABLE 1
ERRA Trigger Under/(Over) Collected Balance
(\$ Millions)

Line No.	Business Cycle Close	ERRA	Bundled Share of PABA	ERRA Trigger	ERRA Trigger Forecast in Rates	Incremental ERRA Trigger	5% Threshold Amount ^{1/}	Percent of prior year recorded generation revenues, excluding DWR	
		(A)	(B)	(C)	(D)	(E)=(C)-(D)	(F)	(G)=(E)/(F/5%)	
1	Jan-23	260	405	665	523	142	278	2.5%	Recorded ^{2/}
2	Feb-23	267	446	713	500	213	268	4.0%	Recorded ^{2/}
3	Mar-23	293	403	697	511	185	268	3.5%	Recorded ^{2/}
4	Apr-23	322	426	749 ^{3/}	448	300	268	5.6%	Recorded ^{2/}
5	May-23	167	450	617	291	326	268	6.1%	Forecast
6	Jun-23	7	473	479	151	328	268	6.1%	Forecast
7	Jul-23	(70)	450	380	114	266	268	5.0%	Forecast
8	Aug-23	(117)	354	237	95	141	268	2.6%	Forecast
9	Sep-23	(163)	294	132	48	83	268	1.6%	Forecast
10	Oct-23	(214)	284	70	4	66	268	1.2%	Forecast
11	Nov-23	(220)	245	25	(27)	51	268	1.0%	Forecast
12	Dec-23	(73)	160	87	2	85	268	1.6%	Forecast

Note:

^{1/} \$278 million is based on Advice 6502-E effective February 15, 2022 and \$268 million is based on Advice 6862-E effective February 15, 2023.
\$268 million is 5% PG&E's 2022 authorized fuel and power purchase revenue requirement, or \$5,361 million

^{2/} Recorded based on the monthly Activity Reports submitted to the Energy Division

^{3/} The \$749 ERRA Trigger Balance is 13.97% as compared to the 5% Threshold Amount

Forecast ERRA

Business Cycle Close	ERRA-Main		ERRA-PFS		Bundled Share	
	Forecast Acitivity	Balance	Forecast Acitivity	Balance	ERRA-Main	ERRA-PFS
					Vin 2023	Vin 2020
					100.00%	86.41%
Apr-23	Recorded	322,313,794	(52,955)	(116,346)	322,313,794	(45,760)
May-23	Recorded	(81,029,634)	241,284,160	(63,392)	(116,346)	(100,539)
Jun-23	Forecast	(210,456,106)	30,828,054	(116,346)	30,828,054	(100,539)
Jul-23	Forecast	(97,552,985)	(66,724,932)	(116,346)	(66,724,932)	(100,539)
Aug-23	Forecast	(50,705,841)	(117,430,773)	(116,346)	(117,430,773)	(100,539)
Sep-23	Forecast	(50,412,571)	(167,843,344)	(116,346)	(167,843,344)	(100,539)
Oct-23	Forecast	(56,472,865)	(224,316,209)	(116,346)	(224,316,209)	(100,539)
Nov-23	Forecast	(12,141,719)	(236,457,927)	(116,346)	(236,457,927)	(100,539)
Dec-23	Forecast	144,156,607	(92,301,321)	(116,346)	(92,301,321)	(100,539)

Forecast PABA Vintage Subaccounts

Business Cycle Close		UOG Legacy	Vin 2009	Vin 2010	Vin 2011	Vin 2012	Vin 2013	Vin 2014	Vin 2015	Vin 2016	Vin 2017	Vin 2018	Vin 2019	Vin 2020	Vin 2021	Vin 2022	Vin 2023	Total	Bundled Share
	Bundled Share	42.15%	42.15%	42.76%	44.00%	44.72%	44.91%	45.57%	46.84%	47.04%	52.52%	65.05%	83.73%	86.41%	94.38%	100.00%	100.00%		
Apr-23	Recorded Balance	(984,260,149)	698,836,575	5,406,017	13,368,139	(4,350,617)	1,561,538	(448,509)	(1,173,372)	1,389,258	1,623,501	(1,758,749)	35,777,998	(44,096,402)	16,311,499	532,787,526		270,974,252	426,290,530
May-23	Recorded Acitivity																	209,006,597	
May-23	Recorded Balance																	479,980,849	490,197,599
Jun-23	Forecast Acitivity																	189,057,935	
Jun-23	Forecast Balance																	669,038,783	542,505,901
Jul-23	Forecast Acitivity																	5,251,955	
Jul-23	Forecast Balance																	674,290,738	513,678,850
Aug-23	Forecast Acitivity																	(91,490,746)	
Aug-23	Forecast Balance																	582,799,992	445,729,152
Sep-23	Forecast Acitivity																	(68,955,761)	
Sep-23	Forecast Balance																	513,844,231	390,648,294
Oct-23	Forecast Acitivity																	42,004,738	
Oct-23	Forecast Balance																	555,848,969	388,290,211
Nov-23	Forecast Acitivity																	(11,532,554)	
Nov-23	Forecast Balance																	544,316,415	362,626,520
Dec-23	Forecast Acitivity																	(126,104,878)	
Dec-23	Forecast Balance																	418,211,538	288,952,508

2023 Annual Electric True-Up (AET) Advice 6805-E Forecast - ERRA

Business Cycle Close	ERRA-Main		ERRA-PFS		Bundled Share	
	Forecast Acitivity	Balance	Forecast Interest	Balance	ERRA-Main	ERRA-PFS
					Vin 2023	Vin 2020
					100.00%	86.41%
Dec-22	AET Forecast				0	-
Jan-23	Forecast	105,852,809	105,852,809	-	105,852,809	-
Feb-23	Forecast	25,065,575	130,918,384	-	130,918,384	-
Mar-23	Forecast	63,682,393	194,600,777	-	194,600,777	-
Apr-23	Forecast	(12,930,857)	181,669,920	-	181,669,920	-
May-23	Forecast	(110,997,063)	70,672,857	-	70,672,857	-
Jun-23	Forecast	(119,433,157)	(48,760,300)	-	(48,760,300)	-
Jul-23	Forecast	(4,620,402)	(53,380,702)	-	(53,380,702)	-
Aug-23	Forecast	15,372,777	(38,007,926)	-	(38,007,926)	-
Sep-23	Forecast	(12,262,841)	(50,270,766)	-	(50,270,766)	-
Oct-23	Forecast	(31,097,026)	(81,367,792)	-	(81,367,792)	-
Nov-23	Forecast	5,348,343	(76,019,449)	-	(76,019,449)	-
Dec-23	Forecast	76,019,449	0	-	0	-

2023 Annual Electric True-Up (AET) Advice 6805-E Forecast - PABA Vintage Subaccounts

Business Cycle Close		UOG Legacy	Vin 2009	Vin 2010	Vin 2011	Vin 2012	Vin 2013	Vin 2014	Vin 2015	Vin 2016	Vin 2017	Vin 2018	Vin 2019	Vin 2020	Vin 2021	Vin 2022	Total	Bundled Share
	Bundled Share	42.15%	42.15%	42.76%	44.00%	44.72%	44.91%	45.57%	46.84%	47.04%	52.52%	65.05%	83.73%	86.41%	94.38%	100.00%		
Apr-23	AET Forecast	(578,599,800)	460,428,318	32,507,472	8,148,659	3,047,694	2,166,904	275,355	2,030,837	(35,892)	(4,693,779)	(2,569,460)	19,607,096	(58,014,664)	11,419,181	519,847,820	415,565,739	463,848,727
Jan-23	Forecast Acitivity																(57,401,454)	
Jan-23	Forecast Balance																358,164,286	417,080,807
Feb-23	Forecast Acitivity																(58,051,072)	
Feb-23	Forecast Balance																300,113,214	369,081,828
Mar-23	Forecast Acitivity																(76,744,313)	
Mar-23	Forecast Balance																223,368,901	316,450,122
Apr-23	Forecast Acitivity																(64,026,271)	
Apr-23	Forecast Balance																159,342,630	266,710,310
May-23	Forecast Acitivity																(52,987,221)	
May-23	Forecast Balance																106,355,409	219,990,302
Jun-23	Forecast Acitivity																20,424,861	
Jun-23	Forecast Balance																126,780,270	199,747,854
Jul-23	Forecast Acitivity																(1,405,680)	
Jul-23	Forecast Balance																125,374,589	167,510,202
Aug-23	Forecast Acitivity																(12,677,175)	
Aug-23	Forecast Balance																112,697,414	133,499,114
Sep-23	Forecast Acitivity																(23,254,445)	
Sep-23	Forecast Balance																89,442,969	98,710,952
Oct-23	Forecast Acitivity																14,964,505	
Oct-23	Forecast Balance																104,407,474	85,395,750
Nov-23	Forecast Acitivity																(37,699,399)	
Nov-23	Forecast Balance																66,708,075	49,459,270
Dec-23	Forecast Acitivity																(66,708,075)	
Dec-23	Forecast Balance																(0)	1,869,328

Indifference RRQ & Rate Calculation

2023 ERRR Forecast - Fall Update - October Errata - CTC & PCIA Rate Design

CALCULATIONS																		Total Indifference + BA	
Incremental Indifference Amount and System Average Rate of Responsible Vintaged Sales for PCIA Rate Design																		Adjustments	
RRQ, Sales and Rate Components	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
Forecast Indifference	\$ (526,859,119)	\$ 525,914,793	\$ 156,789,323	\$ 11,006,537	\$ (14,570,978)	\$ (29,990,129)	\$ (3,495,074)	\$ (6,024,137)	\$ (2,000,661)	\$ (12,141,650)	\$ (5,215)	\$ (26,802,928)	\$ (71,198)	\$ (83,579,179)	\$ (22,096,134)	\$ -	\$	(33,925,749) TRUE	
Forecast Year-end PABA Balances																	\$	- TRUE	
Transfer of Forecasted 2022 Year-end ERRR Balance to PABA																	\$	-	
VAMO Balances																	\$	-	
Total Total RRQ by Portfolio Year for Uncapped PCIA Rates																			
Forecast System Sales - Same for each Portfolio Year (kWh)	73,481,924,070	73,481,924,070	72,345,185,625	70,161,479,619	69,010,410,866	68,713,044,034	67,722,649,530	65,921,948,273	65,646,434,515	58,879,037,830	47,527,465,262	37,166,487,095	35,997,976,538	32,998,627,365	31,161,845,790	31,161,845,790		FALSE	
Uncapped Average Incremental Rate	\$ (0.00717)	\$ 0.00716	\$ 0.00217	\$ 0.00016	\$ (0.00021)	\$ (0.00044)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00021)	\$ (0.00000)	\$ (0.00072)	\$ (0.00000)	\$ (0.00253)	\$ (0.00071)	\$ -			
Uncapped Average Cumulative Rate	\$ (0.00717)	\$ (0.00001)	\$ 0.00215	\$ 0.00231	\$ 0.00210	\$ 0.00166	\$ 0.00161	\$ 0.00152	\$ 0.00149	\$ 0.00128	\$ 0.00128	\$ 0.00056	\$ 0.00056	\$ (0.00197)	\$ (0.00268)	\$ (0.00268)			
Incremental Total RRQ by Portfolio Year																		TRUE	

Allocated Incremental Rate for Each Portfolio of Resources (\$/kWh)																		
Rate Group	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
Residential	\$ (0.00757)	\$ 0.00756	\$ 0.00229	\$ 0.00017	\$ (0.00022)	\$ (0.00046)	\$ (0.00005)	\$ (0.00010)	\$ (0.00003)	\$ (0.00022)	\$ (0.00000)	\$ (0.00076)	\$ (0.00000)	\$ (0.00267)	\$ (0.00075)	\$ -		
Small L&P	\$ (0.00724)	\$ 0.00723	\$ 0.00219	\$ 0.00016	\$ (0.00021)	\$ (0.00044)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00021)	\$ (0.00000)	\$ (0.00073)	\$ (0.00000)	\$ (0.00256)	\$ (0.00072)	\$ -		
Medium L&P	\$ (0.00763)	\$ 0.00762	\$ 0.00231	\$ 0.00017	\$ (0.00022)	\$ (0.00046)	\$ (0.00005)	\$ (0.00010)	\$ (0.00003)	\$ (0.00022)	\$ (0.00000)	\$ (0.00077)	\$ (0.00000)	\$ (0.00270)	\$ (0.00075)	\$ -		
B19/E19	\$ (0.00716)	\$ 0.00715	\$ 0.00217	\$ 0.00016	\$ (0.00021)	\$ (0.00044)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00021)	\$ (0.00000)	\$ (0.00072)	\$ (0.00000)	\$ (0.00253)	\$ (0.00071)	\$ -		
Streetlights	\$ (0.00618)	\$ 0.00617	\$ 0.00187	\$ 0.00014	\$ (0.00018)	\$ (0.00038)	\$ (0.00004)	\$ (0.00008)	\$ (0.00003)	\$ (0.00018)	\$ (0.00000)	\$ (0.00062)	\$ (0.00000)	\$ (0.00218)	\$ (0.00061)	\$ -		
Standby	\$ (0.00527)	\$ 0.00526	\$ 0.00159	\$ 0.00012	\$ (0.00016)	\$ (0.00032)	\$ (0.00004)	\$ (0.00007)	\$ (0.00002)	\$ (0.00015)	\$ (0.00000)	\$ (0.00053)	\$ (0.00000)	\$ (0.00186)	\$ (0.00052)	\$ -		
Agriculture	\$ (0.00672)	\$ 0.00670	\$ 0.00203	\$ 0.00015	\$ (0.00020)	\$ (0.00041)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00019)	\$ (0.00000)	\$ (0.00068)	\$ (0.00000)	\$ (0.00237)	\$ (0.00066)	\$ -		
B20/E20 T (Excluding FPP)	\$ (0.00616)	\$ 0.00615	\$ 0.00186	\$ 0.00013	\$ (0.00018)	\$ (0.00037)	\$ (0.00004)	\$ (0.00008)	\$ (0.00003)	\$ (0.00018)	\$ (0.00000)	\$ (0.00062)	\$ (0.00000)	\$ (0.00218)	\$ (0.00061)	\$ -		
B20/E20 P (Excluding FPP)	\$ (0.00657)	\$ 0.00656	\$ 0.00199	\$ 0.00014	\$ (0.00019)	\$ (0.00040)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00019)	\$ (0.00000)	\$ (0.00066)	\$ (0.00000)	\$ (0.00232)	\$ (0.00065)	\$ -		
B20/E20 S (Excluding FPP)	\$ (0.00683)	\$ 0.00682	\$ 0.00206	\$ 0.00015	\$ (0.00020)	\$ (0.00042)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00020)	\$ (0.00000)	\$ (0.00069)	\$ (0.00000)	\$ (0.00241)	\$ (0.00068)	\$ -		
Average	\$ (0.00721)	\$ 0.00720	\$ 0.00218	\$ 0.00016	\$ (0.00021)	\$ (0.00044)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00021)	\$ (0.00000)	\$ (0.00072)	\$ (0.00000)	\$ (0.00253)	\$ (0.00071)	\$ -		

Allocated Cumulative Rate for Each Portfolio of Resources (\$/kWh)																		
Rate Group	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
Residential	\$ (0.00757)	\$ (0.00001)	\$ 0.00227	\$ 0.00244	\$ 0.00222	\$ 0.00176	\$ 0.00170	\$ 0.00161	\$ 0.00157	\$ 0.00136	\$ 0.00136	\$ 0.00059	\$ 0.00059	\$ (0.00208)	\$ (0.00283)	\$ (0.00283)		
Small L&P	\$ (0.00724)	\$ (0.00001)	\$ 0.00217	\$ 0.00233	\$ 0.00212	\$ 0.00168	\$ 0.00163	\$ 0.00154	\$ 0.00150	\$ 0.00130	\$ 0.00130	\$ 0.00057	\$ 0.00057	\$ (0.00199)	\$ (0.00271)	\$ (0.00271)		
Medium L&P	\$ (0.00763)	\$ (0.00001)	\$ 0.00229	\$ 0.00246	\$ 0.00224	\$ 0.00177	\$ 0.00172	\$ 0.00162	\$ 0.00159	\$ 0.00137	\$ 0.00137	\$ 0.00060	\$ 0.00060	\$ (0.00210)	\$ (0.00285)	\$ (0.00285)		
B19/E19	\$ (0.00716)	\$ (0.00001)	\$ 0.00215	\$ 0.00231	\$ 0.00210	\$ 0.00166	\$ 0.00161	\$ 0.00152	\$ 0.00149	\$ 0.00128	\$ 0.00128	\$ 0.00056	\$ 0.00056	\$ (0.00197)	\$ (0.00268)	\$ (0.00268)		
Streetlights	\$ (0.00618)	\$ (0.00001)	\$ 0.00186	\$ 0.00199	\$ 0.00181	\$ 0.00143	\$ 0.00139	\$ 0.00131	\$ 0.00128	\$ 0.00111	\$ 0.00111	\$ 0.00048	\$ 0.00048	\$ (0.00170)	\$ (0.00231)	\$ (0.00231)		
Standby	\$ (0.00527)	\$ (0.00001)	\$ 0.00158	\$ 0.00170	\$ 0.00154	\$ 0.00119	\$ 0.00112	\$ 0.00110	\$ 0.00109	\$ 0.00094	\$ 0.00094	\$ 0.00041	\$ 0.00041	\$ (0.00145)	\$ (0.00197)	\$ (0.00197)		
Agriculture	\$ (0.00672)	\$ (0.00001)	\$ 0.00202	\$ 0.00217	\$ 0.00197	\$ 0.00156	\$ 0.00151	\$ 0.00142	\$ 0.00140	\$ 0.00120	\$ 0.00120	\$ 0.00053	\$ 0.00053	\$ (0.00185)	\$ (0.00251)	\$ (0.00251)		
B20/E20 T (Excluding FPP)	\$ (0.00616)	\$ (0.00001)	\$ 0.00185	\$ 0.00198	\$ 0.00180	\$ 0.00143	\$ 0.00138	\$ 0.00131	\$ 0.00128	\$ 0.00110	\$ 0.00110	\$ 0.00048	\$ 0.00048	\$ (0.00169)	\$ (0.00230)	\$ (0.00230)		
B20/E20 P (Excluding FPP)	\$ (0.00657)	\$ (0.00001)	\$ 0.00198	\$ 0.00212	\$ 0.00193	\$ 0.00153	\$ 0.00148	\$ 0.00139	\$ 0.00137	\$ 0.00118	\$ 0.00118	\$ 0.00052	\$ 0.00051	\$ (0.00181)	\$ (0.00246)	\$ (0.00246)		
B20/E20 S (Excluding FPP)	\$ (0.00683)	\$ (0.00001)	\$ 0.00205	\$ 0.00220	\$ 0.00200	\$ 0.00159	\$ 0.00154	\$ 0.00145	\$ 0.00142	\$ 0.00122	\$ 0.00122	\$ 0.00054	\$ 0.00053	\$ (0.00188)	\$ (0.00255)	\$ (0.00255)		
System Average	\$ (0.00721)	\$ (0.00001)	\$ 0.00217	\$ 0.00233	\$ 0.00212	\$ 0.00168	\$ 0.00163	\$ 0.00153	\$ 0.00150	\$ 0.00129	\$ 0.00129	\$ 0.00056	\$ 0.00056	\$ (0.00197)	\$ (0.00268)	\$ (0.00268)		

RATIO TEST: Generation Rate Ratio - CHECK Same Class Ratios for all vintages																		
Rate Group	System	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
Residential	n/a	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%	105.6%		
Small L&P	n/a	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%	101.0%		
Medium L&P	n/a	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%	106.4%		
B19/E19	n/a	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%		
Streetlights	n/a	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%	86.2%		
Standby	n/a	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%	73.6%		
Agriculture	n/a	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%	93.7%		
B20/E20 T	n/a	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%	85.9%		
B20/E20 P	n/a	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%	91.7%		
B20/E20 S	n/a	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%	95.3%		
System Average	n/a																	

Forecast Vintaged Sales (kWh) Responsible for Vintaged Portfolio Indifference Amount																		
Rate Group	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
Residential	27,132,577,168	27,132,577,168	27,076,272,716	27,060,128,327	26,692,258,742	26,636,242,392	26,514,266,796	25,463,354,733	25,458,134,063	22,563,284,070	19,601,116,493	13,590,873,732	13,299,811,205	12,125,815,257	11,343,798,014	11,343,798,014		
Small L&P	8,149,132,073	8,149,132,073	8,133,157,096	8,110,342,721	7,967,241,205	7,950,188,665	7,712,469,140	7,532,396,995	7,449,040,695	6,568,066,590	4,941,493,647	4,170,973,672	4,017,540,978	3,610,366,536	3,420,797,035	3,420,797,035		
Medium L&P	7,740,745,745	7,740,745,745	7,688,768,756	7,518,507,721	7,392,742,238	7,356,910,893	7,131,811,748	6,970,017,841	6,893,464,040	5,943,252,698	4,374,687,349	3,445,661,564	3,343,320,806	2,995,198,822	2,835,745,317	2,835,745,317		
B19/E19	12,769,185,184	12,769,185,184	12,473,724,481	11,801,712,899	11,637,613,012	11,567,438,448	11,287,396,702	11,088,375,610	10,988,755,664	9,797,928,682	7,041,333,937	5,244,711,487	4,995,419,824	4,494,902,716	4,154,195,244	4,154,195,244		
Streetlights	226,800,353	226,800,353	225,202,483	224,972,014	222,803,062	222,693,481	216,706,758	210,244,622	210,235,031	191,260,244	123,048,344	98,995,545	98,186,838	87,190,162	85,601,483	85,601,483		
Standby																		

Indifference RRQ & Rate Calculation

2023 ERRR Forecast - Fall Update - October Errata - CTC & PCIA Rate Design

Allocated Incremental RRQ Responsibility for Each Portfolio of Resources (\$)

Rate Group	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Residential	\$ (205,385,259)	\$ 205,017,133	\$ 61,952,662	\$ 4,481,734	\$ (5,950,092)	\$ (12,273,724)	\$ (1,444,662)	\$ (2,456,658)	\$ (819,131)	\$ (4,912,285)	\$ (2,271)	\$ (10,347,665)	\$ (27,772)	\$ (32,424,808)	\$ (8,492,115)	\$ -
Small L&P	\$ (58,986,705)	\$ 58,880,979	\$ 17,794,870	\$ 1,284,458	\$ (1,698,286)	\$ (3,503,042)	\$ (401,832)	\$ (694,907)	\$ (229,188)	\$ (1,367,361)	\$ (547)	\$ (3,036,666)	\$ (8,022)	\$ (9,231,713)	\$ (2,448,777)	\$ -
Medium L&P	\$ (59,078,079)	\$ 58,972,189	\$ 17,737,534	\$ 1,255,490	\$ (1,661,534)	\$ (3,417,938)	\$ (391,789)	\$ (677,998)	\$ (223,630)	\$ (1,304,580)	\$ (511)	\$ (2,645,044)	\$ (7,039)	\$ (8,075,278)	\$ (2,140,375)	\$ -
B19/E19	\$ (91,485,220)	\$ 91,321,245	\$ 27,013,246	\$ 1,849,996	\$ (2,455,341)	\$ (5,044,871)	\$ (582,090)	\$ (1,012,527)	\$ (334,645)	\$ (2,018,948)	\$ (772)	\$ (3,779,428)	\$ (9,873)	\$ (11,376,176)	\$ (2,943,431)	\$ -
Streetlights	\$ (1,401,526)	\$ 1,399,014	\$ 420,652	\$ 30,418	\$ (40,545)	\$ (83,770)	\$ (9,639)	\$ (16,559)	\$ (5,522)	\$ (33,993)	\$ (12)	\$ (61,530)	\$ (167)	\$ (190,333)	\$ (52,314)	\$ -
Standby	\$ (2,492,611)	\$ 2,488,143	\$ 753,438	\$ 54,537	\$ (73,341)	\$ (151,590)	\$ (17,907)	\$ (31,678)	\$ (10,565)	\$ (70,791)	\$ (36)	\$ (229,694)	\$ (598)	\$ (754,343)	\$ (210,377)	\$ -
Agriculture	\$ (43,929,218)	\$ 43,850,480	\$ 13,278,406	\$ 960,113	\$ (1,291,035)	\$ (2,667,900)	\$ (315,411)	\$ (549,758)	\$ (183,330)	\$ (1,224,982)	\$ (576)	\$ (3,761,502)	\$ (10,139)	\$ (12,472,844)	\$ (3,477,733)	\$ -
B20/E20 T	\$ (25,599,158)	\$ 25,553,275	\$ 7,068,638	\$ 413,767	\$ (522,878)	\$ (1,065,240)	\$ (125,960)	\$ (220,252)	\$ (73,454)	\$ (442,588)	\$ (206)	\$ (1,286,000)	\$ (3,336)	\$ (4,040,382)	\$ (1,053,521)	\$ -
B20/E20 P	\$ (31,744,419)	\$ 31,687,522	\$ 9,062,434	\$ 588,932	\$ (766,779)	\$ (1,567,341)	\$ (180,829)	\$ (316,442)	\$ (105,248)	\$ (653,433)	\$ (250)	\$ (1,298,223)	\$ (3,531)	\$ (4,184,503)	\$ (1,071,467)	\$ -
B20/E20 S	\$ (10,005,643)	\$ 9,987,709	\$ 2,843,297	\$ 190,497	\$ (252,328)	\$ (508,989)	\$ (59,063)	\$ (102,865)	\$ (34,306)	\$ (206,794)	\$ (75)	\$ (394,970)	\$ (847)	\$ (879,154)	\$ (206,025)	\$ -
Total	\$ (530,107,838)	\$ 529,157,689	\$ 157,925,175	\$ 11,109,942	\$ (14,712,158)	\$ (30,284,406)	\$ (3,529,182)	\$ (6,079,643)	\$ (2,019,018)	\$ (12,235,754)	\$ (5,256)	\$ (26,840,722)	\$ (71,324)	\$ (83,629,534)	\$ (22,096,134)	\$ -
Incremental RRQ	\$ (526,859,119)	\$ 525,914,793	\$ 156,789,323	\$ 11,006,537	\$ (14,570,978)	\$ (29,990,129)	\$ (3,495,074)	\$ (6,024,137)	\$ (2,000,661)	\$ (12,141,650)	\$ (5,215)	\$ (26,802,928)	\$ (71,198)	\$ (83,579,179)	\$ (22,096,134)	\$ -
Incremental Rate Scalar to Equal Incremental RRQ		0.99387	0.99387	0.99281	0.99069	0.99040	0.99028	0.99034	0.99087	0.99091	0.99231	0.99209	0.99859	0.99824	0.99940	1.00000

Incremental Rate scaled to RRQ for Each Portfolio of Resources (\$/kWh)

Rate Group	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Residential	\$ (0.00752)	\$ 0.00751	\$ 0.00227	\$ 0.00016	\$ (0.00022)	\$ (0.00046)	\$ (0.00005)	\$ (0.00010)	\$ (0.00003)	\$ (0.00022)	\$ (0.00000)	\$ (0.00076)	\$ (0.00000)	\$ (0.00267)	\$ (0.00075)	\$ -
Small L&P	\$ (0.00719)	\$ 0.00718	\$ 0.00217	\$ 0.00016	\$ (0.00021)	\$ (0.00044)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00021)	\$ (0.00000)	\$ (0.00073)	\$ (0.00000)	\$ (0.00256)	\$ (0.00072)	\$ -
Medium L&P	\$ (0.00759)	\$ 0.00757	\$ 0.00229	\$ 0.00017	\$ (0.00022)	\$ (0.00046)	\$ (0.00005)	\$ (0.00010)	\$ (0.00003)	\$ (0.00022)	\$ (0.00000)	\$ (0.00077)	\$ (0.00000)	\$ (0.00269)	\$ (0.00075)	\$ -
B19/E19	\$ (0.00712)	\$ 0.00711	\$ 0.00215	\$ 0.00016	\$ (0.00021)	\$ (0.00043)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00020)	\$ (0.00000)	\$ (0.00072)	\$ (0.00000)	\$ (0.00253)	\$ (0.00071)	\$ -
Streetlights	\$ (0.00614)	\$ 0.00613	\$ 0.00185	\$ 0.00013	\$ (0.00018)	\$ (0.00037)	\$ (0.00004)	\$ (0.00008)	\$ (0.00003)	\$ (0.00018)	\$ (0.00000)	\$ (0.00062)	\$ (0.00000)	\$ (0.00218)	\$ (0.00061)	\$ -
Standby	\$ (0.00524)	\$ 0.00523	\$ 0.00158	\$ 0.00011	\$ (0.00015)	\$ (0.00032)	\$ (0.00004)	\$ (0.00007)	\$ (0.00002)	\$ (0.00015)	\$ (0.00000)	\$ (0.00053)	\$ (0.00000)	\$ (0.00186)	\$ (0.00052)	\$ -
Agriculture	\$ (0.00668)	\$ 0.00666	\$ 0.00202	\$ 0.00015	\$ (0.00020)	\$ (0.00040)	\$ (0.00005)	\$ (0.00008)	\$ (0.00003)	\$ (0.00019)	\$ (0.00000)	\$ (0.00067)	\$ (0.00000)	\$ (0.00237)	\$ (0.00066)	\$ -
B20/E20 T	\$ (0.00612)	\$ 0.00611	\$ 0.00185	\$ 0.00013	\$ (0.00018)	\$ (0.00037)	\$ (0.00004)	\$ (0.00008)	\$ (0.00003)	\$ (0.00018)	\$ (0.00000)	\$ (0.00062)	\$ (0.00000)	\$ (0.00217)	\$ (0.00061)	\$ -
B20/E20 P	\$ (0.00653)	\$ 0.00652	\$ 0.00197	\$ 0.00014	\$ (0.00019)	\$ (0.00040)	\$ (0.00005)	\$ (0.00008)	\$ (0.00003)	\$ (0.00019)	\$ (0.00000)	\$ (0.00066)	\$ (0.00000)	\$ (0.00232)	\$ (0.00065)	\$ -
B20/E20 S	\$ (0.00679)	\$ 0.00678	\$ 0.00205	\$ 0.00015	\$ (0.00020)	\$ (0.00041)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00019)	\$ (0.00000)	\$ (0.00069)	\$ (0.00000)	\$ (0.00241)	\$ (0.00068)	\$ -
Average	\$ (0.00717)	\$ 0.00716	\$ 0.00217	\$ 0.00016	\$ (0.00021)	\$ (0.00044)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00021)	\$ (0.00000)	\$ (0.00072)	\$ (0.00000)	\$ (0.00253)	\$ (0.00071)	\$ -

Cumulative PCIA Rates by Vintage Year (\$/kWh) w/o DWR FF

Rate Group	Pre-2009	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Residential	\$ -	\$ (0.00001)	\$ 0.00226	\$ 0.00242	\$ 0.00220	\$ 0.00175	\$ 0.00169	\$ 0.00160	\$ 0.00156	\$ 0.00135	\$ 0.00135	\$ 0.00059	\$ 0.00059	\$ (0.00209)	\$ (0.00284)	\$ (0.00284)
Small L&P	\$ -	\$ (0.00001)	\$ 0.00216	\$ 0.00232	\$ 0.00211	\$ 0.00167	\$ 0.00162	\$ 0.00153	\$ 0.00150	\$ 0.00129	\$ 0.00129	\$ 0.00056	\$ 0.00056	\$ (0.00200)	\$ (0.00271)	\$ (0.00271)
Medium L&P	\$ -	\$ (0.00001)	\$ 0.00228	\$ 0.00244	\$ 0.00222	\$ 0.00176	\$ 0.00171	\$ 0.00161	\$ 0.00158	\$ 0.00136	\$ 0.00136	\$ 0.00059	\$ 0.00059	\$ (0.00210)	\$ (0.00286)	\$ (0.00286)
B19/E19	\$ -	\$ (0.00001)	\$ 0.00214	\$ 0.00229	\$ 0.00208	\$ 0.00165	\$ 0.00160	\$ 0.00151	\$ 0.00148	\$ 0.00128	\$ 0.00128	\$ 0.00056	\$ 0.00056	\$ (0.00198)	\$ (0.00268)	\$ (0.00268)
Streetlights	\$ -	\$ (0.00001)	\$ 0.00184	\$ 0.00198	\$ 0.00180	\$ 0.00142	\$ 0.00138	\$ 0.00130	\$ 0.00128	\$ 0.00110	\$ 0.00110	\$ 0.00048	\$ 0.00048	\$ (0.00170)	\$ (0.00232)	\$ (0.00232)
Standby	\$ -	\$ (0.00001)	\$ 0.00157	\$ 0.00169	\$ 0.00153	\$ 0.00122	\$ 0.00118	\$ 0.00111	\$ 0.00109	\$ 0.00094	\$ 0.00094	\$ 0.00041	\$ 0.00041	\$ (0.00145)	\$ (0.00198)	\$ (0.00198)
Agriculture	\$ -	\$ (0.00001)	\$ 0.00200	\$ 0.00215	\$ 0.00195	\$ 0.00155	\$ 0.00150	\$ 0.00142	\$ 0.00139	\$ 0.00120	\$ 0.00120	\$ 0.00052	\$ 0.00052	\$ (0.00185)	\$ (0.00252)	\$ (0.00252)
B20/E20 T	\$ -	\$ (0.00001)	\$ 0.00184	\$ 0.00197	\$ 0.00179	\$ 0.00142	\$ 0.00138	\$ 0.00130	\$ 0.00127	\$ 0.00110	\$ 0.00110	\$ 0.00048	\$ 0.00048	\$ (0.00170)	\$ (0.00231)	\$ (0.00231)
B20/E20 P	\$ -	\$ (0.00001)	\$ 0.00196	\$ 0.00210	\$ 0.00191	\$ 0.00152	\$ 0.00147	\$ 0.00139	\$ 0.00136	\$ 0.00117	\$ 0.00117	\$ 0.00051	\$ 0.00051	\$ (0.00181)	\$ (0.00246)	\$ (0.00246)
B20/E20 S	\$ -	\$ (0.00001)	\$ 0.00204	\$ 0.00219	\$ 0.00199	\$ 0.00157	\$ 0.00153	\$ 0.00144	\$ 0.00141	\$ 0.00122	\$ 0.00122	\$ 0.00053	\$ 0.00053	\$ (0.00188)	\$ (0.00256)	\$ (0.00256)
Average	\$ -	\$ (0.00001)	\$ 0.00215	\$ 0.00231	\$ 0.00210	\$ 0.00166	\$ 0.00161	\$ 0.00152	\$ 0.00149	\$ 0.00128	\$ 0.00128	\$ 0.00056	\$ 0.00056	\$ (0.00197)	\$ (0.00268)	\$ (0.00268)

DWR Franchise Fee (All PCIA Vintages) = \$ 0.00005 Rounded

Indifference RRQ & Rate Calculation

2023 ERRR Forecast - Fall Update - October Errata - CTC & PCIA Rate Design

Rate Group	Proposed Base PCIA Rates w/DWR FF																		
	Pre-2009	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
Residential	\$ -	\$ 0.00004	\$ 0.00231	\$ 0.00247	\$ 0.00225	\$ 0.00180	\$ 0.00174	\$ 0.00165	\$ 0.00161	\$ 0.00140	\$ 0.00140	\$ 0.00064	\$ 0.00064	\$ (0.00204)	\$ (0.00279)	\$ (0.00279)			
Small L&P	\$ -	\$ 0.00004	\$ 0.00221	\$ 0.00237	\$ 0.00216	\$ 0.00172	\$ 0.00167	\$ 0.00158	\$ 0.00155	\$ 0.00134	\$ 0.00134	\$ 0.00061	\$ 0.00061	\$ (0.00195)	\$ (0.00266)	\$ (0.00266)			
Medium L&P	\$ -	\$ 0.00004	\$ 0.00233	\$ 0.00249	\$ 0.00227	\$ 0.00181	\$ 0.00176	\$ 0.00166	\$ 0.00163	\$ 0.00141	\$ 0.00141	\$ 0.00064	\$ 0.00064	\$ (0.00205)	\$ (0.00281)	\$ (0.00281)			
B19/E19	\$ -	\$ 0.00004	\$ 0.00219	\$ 0.00234	\$ 0.00213	\$ 0.00170	\$ 0.00165	\$ 0.00156	\$ 0.00153	\$ 0.00133	\$ 0.00133	\$ 0.00061	\$ 0.00060	\$ (0.00193)	\$ (0.00263)	\$ (0.00263)			
Streetlights	\$ -	\$ 0.00004	\$ 0.00189	\$ 0.00203	\$ 0.00185	\$ 0.00147	\$ 0.00143	\$ 0.00135	\$ 0.00133	\$ 0.00115	\$ 0.00115	\$ 0.00053	\$ 0.00053	\$ (0.00165)	\$ (0.00227)	\$ (0.00227)			
Standby	\$ -	\$ 0.00004	\$ 0.00162	\$ 0.00174	\$ 0.00158	\$ 0.00127	\$ 0.00123	\$ 0.00116	\$ 0.00114	\$ 0.00099	\$ 0.00099	\$ 0.00046	\$ 0.00046	\$ (0.00140)	\$ (0.00193)	\$ (0.00193)			
Agriculture	\$ -	\$ 0.00004	\$ 0.00205	\$ 0.00220	\$ 0.00200	\$ 0.00160	\$ 0.00155	\$ 0.00147	\$ 0.00144	\$ 0.00125	\$ 0.00125	\$ 0.00057	\$ 0.00057	\$ (0.00180)	\$ (0.00247)	\$ (0.00247)			
B20/E20 T	\$ -	\$ 0.00004	\$ 0.00189	\$ 0.00202	\$ 0.00184	\$ 0.00147	\$ 0.00143	\$ 0.00135	\$ 0.00132	\$ 0.00115	\$ 0.00115	\$ 0.00053	\$ 0.00053	\$ (0.00165)	\$ (0.00226)	\$ (0.00226)			
B20/E20 P	\$ -	\$ 0.00004	\$ 0.00201	\$ 0.00215	\$ 0.00196	\$ 0.00157	\$ 0.00152	\$ 0.00144	\$ 0.00141	\$ 0.00122	\$ 0.00122	\$ 0.00056	\$ 0.00056	\$ (0.00176)	\$ (0.00241)	\$ (0.00241)			
B20/E20 S	\$ -	\$ 0.00004	\$ 0.00209	\$ 0.00224	\$ 0.00204	\$ 0.00162	\$ 0.00158	\$ 0.00149	\$ 0.00146	\$ 0.00127	\$ 0.00127	\$ 0.00058	\$ 0.00058	\$ (0.00183)	\$ (0.00251)	\$ (0.00251)			
Average	\$ -	\$ 0.00004	\$ 0.00220	\$ 0.00236	\$ 0.00215	\$ 0.00171	\$ 0.00166	\$ 0.00157	\$ 0.00154	\$ 0.00133	\$ 0.00133	\$ 0.00061	\$ 0.00061	\$ (0.00192)	\$ (0.00263)	\$ (0.00263)			

Indifference RRQ & Rate Calculation

2023 ERRR Forecast - Fall Update - October Errata - CTC & PCIA Rate Design

		Forecast of Vintage Sales (kWh) for PCIA Rates											
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
Residential		56,304,452	16,144,389	367,869,585	56,016,350	121,975,596	1,050,912,063	5,220,670	2,894,849,993	2,962,167,576	6,010,242,761	291,062,527	1,173,995,948
Small L&P		15,974,977	22,814,375	143,101,516	17,052,540	237,719,525	180,072,145	83,356,300	880,974,105	1,626,572,943	770,519,975	153,432,694	407,174,442
Medium L&P		51,976,989	170,261,035	125,765,483	35,831,345	225,099,144	161,793,907	76,553,801	950,211,343	1,568,565,348	929,025,785	102,340,758	348,121,984
B19/E19		295,460,703	672,011,581	164,099,888	70,174,564	280,041,746	199,021,092	99,619,946	1,190,826,982	2,756,594,745	1,796,622,450	249,291,663	500,517,109
Streetlights		1,597,870	230,469	2,168,952	109,581	5,986,723	6,462,136	9,591	18,974,787	68,211,899	24,052,800	808,707	10,996,676
Standby		-	-	402,394	42,674	474,473	434,948	-	4,571,785	24,623,582	9,067,594	21,792,756	6,318,778
Agriculture		6,189	7,050,935	6,112,502	2,007,686	1,145,474	102,057,573	534,376	80,186,429	732,597,038	40,694,300	95,582,448	215,470,728
B20/E20 T		359,532,321	726,601,769	187,632,065	41,642,230	-	35,458,294	-	307,344,490	310,142,244	112,558,818	112,558,818	106,374,881
B20/E20 P		268,183,467	466,137,932	133,694,881	44,184,960	95,124,042	44,765,482	10,219,073	310,533,078	966,944,018	525,661,099	16,404,260	145,090,530
B20/E20 S		87,701,478	102,453,521	20,221,486	30,304,902	22,827,780	19,723,618	-	128,923,693	335,153,175	142,532,585	125,235,926	85,288,097
Total		1,136,738,445	2,183,706,007	1,151,068,752	297,366,833	990,394,504	1,800,701,257	275,513,758	6,767,396,685	11,351,572,568	10,360,978,167	1,168,510,557	2,999,349,173

		Forecast PCIA Revenue (\$) by Vintage by Rate Class											
Rate Group		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Residential		\$ 2,056	\$ 37,263	\$ 909,454	\$ 126,118	\$ 218,962	\$ 1,829,817	\$ 8,591	\$ 4,671,390	\$ 4,140,082	\$ 8,399,542	\$ 185,477	\$ 745,672
Small L&P		\$ 593	\$ 50,404	\$ 338,608	\$ 36,750	\$ 408,581	\$ 300,208	\$ 131,348	\$ 1,361,329	\$ 2,177,448	\$ 1,031,389	\$ 93,830	\$ 248,192
Medium L&P		\$ 1,892	\$ 396,155	\$ 313,431	\$ 81,322	\$ 407,320	\$ 283,966	\$ 126,982	\$ 407,320	\$ 1,545,595	\$ 2,209,735	\$ 1,308,668	\$ 222,791
B19/E19		\$ 11,002	\$ 1,469,873	\$ 384,416	\$ 149,725	\$ 476,554	\$ 328,515	\$ 155,424	\$ 1,821,959	\$ 3,653,924	\$ 2,381,265	\$ 151,023	\$ 302,231
Streetlights		\$ 62	\$ 436	\$ 4,397	\$ 202	\$ 8,828	\$ 9,245	\$ 13	\$ 25,171	\$ 78,455	\$ 27,662	\$ 428	\$ 5,803
Standby		\$ -	\$ -	\$ 699	\$ 68	\$ 601	\$ 534	\$ -	\$ 5,209	\$ 24,351	\$ 8,967	\$ 10,006	\$ 2,892
Agriculture		\$ 0	\$ 14,481	\$ 13,444	\$ 4,022	\$ 1,831	\$ 158,257	\$ 783	\$ 115,271	\$ 912,700	\$ 50,695	\$ 54,586	\$ 122,655
B20/E20 T		\$ 14,033	\$ 1,371,024	\$ 379,086	\$ 76,654	\$ -	\$ 50,553	\$ -	\$ 406,308	\$ 355,503	\$ 129,011	\$ 59,397	\$ 55,953
B20/E20 P		\$ 10,269	\$ 937,443	\$ 287,923	\$ 86,684	\$ 148,923	\$ 67,985	\$ 14,671	\$ 437,227	\$ 1,180,031	\$ 641,449	\$ 9,186	\$ 80,987
B20/E20 S		\$ 3,318	\$ 213,909	\$ 45,214	\$ 61,722	\$ 37,093	\$ 31,088	\$ -	\$ 188,378	\$ 424,369	\$ 180,459	\$ 72,632	\$ 49,303
Total		\$ 43,225	\$ 4,490,989	\$ 2,676,671	\$ 623,268	\$ 1,708,693	\$ 3,060,168	\$ 437,813	\$ 10,577,836	\$ 15,156,598	\$ 14,159,107	\$ 702,277	\$ 1,836,478



			PCIA Exempt			PCIA in Generation			PCIA Exempt			
Vin 21	Vin 22	Vin 23	DA/CCA w/PCIA	Pre-2009, Medical, Cont. DA	FPP	Total DA/CCA	Bundled	Subtotal	DL	Total	Total System (excl. FPP)	
782,017,242	-	-	15,788,779,153	853,540,004		16,642,319,158	11,343,798,014	27,986,117,172	1,714,820	27,987,831,993	27,987,831,993	
189,569,501	-	-	4,728,335,038	21,838,460		4,750,173,498	3,420,797,035	8,170,970,533	21,368,470	8,192,339,003	8,192,339,003	
159,453,505	-	-	4,905,000,428	164,882,965		5,069,883,392	2,835,745,317	7,905,628,709	47,139,867	7,952,768,577	7,952,768,577	
340,707,472	-	-	8,614,989,940	1,654,063,867		10,269,053,807	4,154,195,244	14,423,249,051	115,602,020	14,538,851,071	14,538,851,071	
1,588,679	-	-	141,198,871	195,109		141,393,980	85,601,483	226,995,462	9,888	227,005,350	227,005,350	
1,545,469	-	-	69,274,453	4,149,218		73,423,671	403,346,242	476,769,913	-	476,769,913	476,769,913	
21,262,092	-	-	1,304,707,768	29,125,357		1,333,833,125	5,235,315,786	6,569,148,911	10,048,245	6,579,197,156	6,579,197,156	
127,447,507	-	-	2,427,293,437	1,586,041,499	296,423,504	4,309,758,440	1,730,019,981	6,039,778,420	222,939,886	6,262,718,306	5,966,294,802	
153,833,845	-	-	3,180,776,668	1,492,427,493	13,034,027	4,686,238,188	1,648,070,375	6,334,308,562	280,557,084	6,614,865,646	6,601,831,619	
59,356,264	-	-	1,159,722,525	356,756,487	77,542,469	1,594,021,481	304,956,314	1,898,977,795	45,312,785	1,944,290,580	1,866,748,111	
1,836,781,575	-	-	42,320,078,280	6,163,020,458	387,000,000	48,870,098,738	31,161,845,790	80,031,944,528	744,693,066	80,776,637,595	80,389,637,595	
						TRUE	TRUE	TRUE			Total BDs Applied CTC	
											TRUE	

2021	2022	2023	DA/CCA w/PCIA	Pre-2009	FPP	Total DA/CCA	Bundled	Total PCIA Revenue
\$ (1,593,176)	\$ -	\$ -	\$ 19,681,247	\$ -	\$ -	\$ 19,681,247	\$ (31,602,429)	\$ (11,921,182)
\$ (368,886)	\$ -	\$ -	\$ 5,809,796	\$ -	\$ -	\$ 5,809,796	\$ (9,105,356)	\$ (3,295,561)
\$ (327,592)	\$ -	\$ -	\$ 6,635,977	\$ -	\$ -	\$ 6,635,977	\$ (7,966,329)	\$ (1,330,352)
\$ (656,048)	\$ -	\$ -	\$ 10,629,862	\$ -	\$ -	\$ 10,629,862	\$ (10,942,521)	\$ (312,659)
\$ (2,628)	\$ -	\$ -	\$ 158,076	\$ -	\$ -	\$ 158,076	\$ (193,894)	\$ (35,819)
\$ (2,170)	\$ -	\$ -	\$ 51,157	\$ -	\$ -	\$ 51,157	\$ (776,779)	\$ (725,622)
\$ (38,317)	\$ -	\$ -	\$ 1,410,408	\$ -	\$ -	\$ 1,410,408	\$ (12,912,495)	\$ (11,502,086)
\$ (210,021)	\$ -	\$ -	\$ 2,687,501	\$ -	\$ -	\$ 2,687,501	\$ (3,904,421)	\$ (1,216,920)
\$ (271,161)	\$ -	\$ -	\$ 3,631,616	\$ -	\$ -	\$ 3,631,616	\$ (3,976,502)	\$ (344,885)
\$ (108,839)	\$ -	\$ -	\$ 1,198,644	\$ -	\$ -	\$ 1,198,644	\$ (765,210)	\$ 433,434
\$ (3,578,838)	\$ -	\$ -	\$ 51,894,284	\$ -	\$ -	\$ 51,894,284	\$ (82,145,936)	\$ (30,251,652)

		<i>Less: DWR FF</i>	\$ 2,116,004			\$ 2,116,004	\$ 1,558,092	\$ 3,674,096
		<i>PCIA Less DWR FF</i>	\$ 49,778,280			\$ 49,778,280	\$ (83,704,029)	\$ (33,925,749)
		<i>Base PCIA Revenues</i>	\$ 49,778,280			\$ 49,778,280	\$ (83,704,029)	\$ (33,925,749)

Indifference RRQ & Rate Calculation

2023 ERRR Forecast - Fall Update - October Errata - CTC & PCIA Rate Design

Bundled Share of PABA

Rate Group	Incremental Rate scaled to RRQ for Each Portfolio of Resources (\$/kWh)												
	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Residential	\$ (0.00752)	\$ 0.00751	\$ 0.00227	\$ 0.00016	\$ (0.00022)	\$ (0.00046)	\$ (0.00005)	\$ (0.00010)	\$ (0.00003)	\$ (0.00022)	\$ (0.00000)	\$ (0.00076)	\$ (0.00000)
Small L&P	\$ (0.00719)	\$ 0.00718	\$ 0.00217	\$ 0.00016	\$ (0.00021)	\$ (0.00044)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00021)	\$ (0.00000)	\$ (0.00073)	\$ (0.00000)
Medium L&P	\$ (0.00759)	\$ 0.00757	\$ 0.00229	\$ 0.00017	\$ (0.00022)	\$ (0.00046)	\$ (0.00005)	\$ (0.00010)	\$ (0.00003)	\$ (0.00022)	\$ (0.00000)	\$ (0.00077)	\$ (0.00000)
B19/E19	\$ (0.00712)	\$ 0.00711	\$ 0.00215	\$ 0.00016	\$ (0.00021)	\$ (0.00043)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00020)	\$ (0.00000)	\$ (0.00072)	\$ (0.00000)
Streetlights	\$ (0.00614)	\$ 0.00613	\$ 0.00185	\$ 0.00013	\$ (0.00018)	\$ (0.00037)	\$ (0.00004)	\$ (0.00008)	\$ (0.00003)	\$ (0.00018)	\$ (0.00000)	\$ (0.00062)	\$ (0.00000)
Standby	\$ (0.00524)	\$ 0.00523	\$ 0.00158	\$ 0.00011	\$ (0.00015)	\$ (0.00032)	\$ (0.00004)	\$ (0.00007)	\$ (0.00002)	\$ (0.00015)	\$ (0.00000)	\$ (0.00053)	\$ (0.00000)
Agriculture	\$ (0.00668)	\$ 0.00666	\$ 0.00202	\$ 0.00015	\$ (0.00020)	\$ (0.00040)	\$ (0.00005)	\$ (0.00008)	\$ (0.00003)	\$ (0.00019)	\$ (0.00000)	\$ (0.00067)	\$ (0.00000)
B20/E20 T	\$ (0.00612)	\$ 0.00611	\$ 0.00185	\$ 0.00013	\$ (0.00018)	\$ (0.00037)	\$ (0.00004)	\$ (0.00008)	\$ (0.00003)	\$ (0.00018)	\$ (0.00000)	\$ (0.00062)	\$ (0.00000)
B20/E20 P	\$ (0.00653)	\$ 0.00652	\$ 0.00197	\$ 0.00014	\$ (0.00019)	\$ (0.00040)	\$ (0.00005)	\$ (0.00008)	\$ (0.00003)	\$ (0.00019)	\$ (0.00000)	\$ (0.00066)	\$ (0.00000)
B20/E20 S	\$ (0.00679)	\$ 0.00678	\$ 0.00205	\$ 0.00015	\$ (0.00020)	\$ (0.00041)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00019)	\$ (0.00000)	\$ (0.00069)	\$ (0.00000)
Average	\$ (0.00717)	\$ 0.00716	\$ 0.00217	\$ 0.00016	\$ (0.00021)	\$ (0.00044)	\$ (0.00005)	\$ (0.00009)	\$ (0.00003)	\$ (0.00021)	\$ (0.00000)	\$ (0.00072)	\$ (0.00000)

Rate Group	Forecast PCIA Revenue (\$) by Vintage by Rate Class												
	Legacy UOG	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Residential	\$ (85,342,819)	\$ 85,189,853	\$ 25,768,830	\$ 1,861,288	\$ (2,504,431)	\$ (5,176,320)	\$ (612,107)	\$ (1,084,437)	\$ (361,675)	\$ (2,450,680)	\$ (1,304)	\$ (8,624,650)	\$ (23,646)
Small L&P	\$ (24,609,362)	\$ 24,565,253	\$ 7,430,672	\$ 536,719	\$ (722,175)	\$ (1,492,638)	\$ (176,507)	\$ (312,707)	\$ (104,292)	\$ (706,676)	\$ (376)	\$ (2,486,995)	\$ (6,818)
Medium L&P	\$ (21,510,032)	\$ 21,471,478	\$ 6,494,845	\$ 469,124	\$ (631,224)	\$ (1,304,654)	\$ (154,277)	\$ (273,324)	\$ (91,158)	\$ (617,676)	\$ (329)	\$ (2,173,780)	\$ (5,960)
B19/E19	\$ (29,580,461)	\$ 29,527,441	\$ 8,931,669	\$ 645,136	\$ (868,055)	\$ (1,794,151)	\$ (212,161)	\$ (375,874)	\$ (125,359)	\$ (849,424)	\$ (452)	\$ (2,989,368)	\$ (8,196)
Streetlights	\$ (525,737)	\$ 524,795	\$ 158,744	\$ 11,466	\$ (15,428)	\$ (31,888)	\$ (3,771)	\$ (6,680)	\$ (2,228)	\$ (15,097)	\$ (8)	\$ (53,130)	\$ (146)
Standby	\$ (2,114,219)	\$ 2,110,430	\$ 638,378	\$ 46,110	\$ (62,043)	\$ (128,234)	\$ (15,164)	\$ (26,865)	\$ (8,960)	\$ (60,711)	\$ (32)	\$ (213,661)	\$ (586)
Agriculture	\$ (34,950,011)	\$ 34,887,368	\$ 10,552,978	\$ 762,244	\$ (1,025,627)	\$ (2,119,832)	\$ (250,673)	\$ (444,104)	\$ (148,115)	\$ (1,003,615)	\$ (534)	\$ (3,532,009)	\$ (9,683)
B20/E20 T	\$ (10,587,522)	\$ 10,568,545	\$ 3,196,848	\$ 230,909	\$ (310,697)	\$ (642,168)	\$ (75,937)	\$ (134,534)	\$ (44,869)	\$ (304,028)	\$ (162)	\$ (1,069,963)	\$ (2,933)
B20/E20 P	\$ (10,767,874)	\$ 10,748,574	\$ 3,251,305	\$ 234,842	\$ (315,989)	\$ (653,107)	\$ (77,231)	\$ (136,826)	\$ (45,633)	\$ (309,207)	\$ (164)	\$ (1,088,189)	\$ (2,983)
B20/E20 S	\$ (2,070,477)	\$ 2,066,766	\$ 625,170	\$ 45,156	\$ (60,759)	\$ (125,581)	\$ (14,850)	\$ (26,309)	\$ (8,774)	\$ (59,455)	\$ (32)	\$ (209,240)	\$ (574)
Bundled Total	\$ (222,058,515)	\$ 221,660,504	\$ 67,049,438	\$ 4,842,995	\$ (6,516,428)	\$ (13,468,573)	\$ (1,592,678)	\$ (2,821,661)	\$ (941,063)	\$ (6,376,570)	\$ (3,392)	\$ (22,440,987)	\$ (61,525)
DA/CCA Total	\$ (304,800,604)	\$ 304,254,289	\$ 89,739,885	\$ 6,163,542	\$ (8,054,550)	\$ (16,521,556)	\$ (1,902,396)	\$ (3,202,477)	\$ (1,059,598)	\$ (5,765,080)	\$ (1,823)	\$ (4,361,941)	\$ (9,673)
Total Bundled & DA/CCA	\$ (526,859,119)	\$ 525,914,793	\$ 156,789,323	\$ 11,006,537	\$ (14,570,978)	\$ (29,990,129)	\$ (3,495,074)	\$ (6,024,137)	\$ (2,000,661)	\$ (12,141,650)	\$ (5,215)	\$ (26,802,928)	\$ (71,198)

Bundled Share of PABA	0.4215	0.4215	0.4276	0.4400	0.4472	0.4491	0.4557	0.4684	0.4704	0.5252	0.6505	0.8373	0.8641
------------------------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

	<u>2021</u>	<u>2022</u>	<u>2023</u>
\$	(0.00267)	\$ (0.00075)	\$ -
\$	(0.00256)	\$ (0.00072)	\$ -
\$	(0.00269)	\$ (0.00075)	\$ -
\$	(0.00253)	\$ (0.00071)	\$ -
\$	(0.00218)	\$ (0.00061)	\$ -
\$	(0.00186)	\$ (0.00052)	\$ -
\$	(0.00237)	\$ (0.00066)	\$ -
\$	(0.00217)	\$ (0.00061)	\$ -
\$	(0.00232)	\$ (0.00065)	\$ -
\$	(0.00241)	\$ (0.00068)	\$ -
\$	(0.00253)	\$ (0.00071)	\$ -

	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>DA/CCA w/PCIA</u>
\$	(30,315,405)	\$ (8,492,115)	\$ -	\$ (32,169,619)
\$	(8,741,717)	\$ (2,448,777)	\$ -	\$ (9,276,396)
\$	(7,640,776)	\$ (2,140,375)	\$ -	\$ (8,108,117)
\$	(10,507,547)	\$ (2,943,431)	\$ -	\$ (11,150,231)
\$	(186,752)	\$ (52,314)	\$ -	\$ (198,175)
\$	(751,011)	\$ (210,377)	\$ -	\$ (796,946)
\$	(12,414,914)	\$ (3,477,733)	\$ -	\$ (13,174,260)
\$	(3,760,891)	\$ (1,053,521)	\$ -	\$ (3,990,922)
\$	(3,824,955)	\$ (1,071,467)	\$ -	\$ (4,058,905)
\$	(735,473)	\$ (206,025)	\$ -	\$ (780,458)
\$	(78,879,441)	\$ (22,096,134)	\$ -	\$ (83,704,029)
\$	(4,699,738)	\$ -	\$ -	\$ 49,778,280
\$	(83,579,179)	\$ (22,096,134)	\$ -	\$ (33,925,749)

0.9438 1.0000

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

AT&T
Albion Power Company

Alta Power Group, LLC
Anderson & Poole

Atlas ReFuel
BART

Barkovich & Yap, Inc.
Braun Blaising Smith Wynne, P.C.
California Community Choice Association
California Cotton Ginners & Growers Assn
California Energy Commission

California Hub for Energy Efficiency
Financing

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

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

Chevron Pipeline and Power
City of Palo Alto

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

Dept of General Services
Don Pickett & Associates, Inc.
Douglass & Liddell
Downey Brand LLP
Dish Wireless L.L.C.

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

GenOn Energy, Inc.
Green Power Institute
Hanna & Morton
ICF

iCommLaw
International Power Technology
Intertie

Intestate Gas Services, Inc.

Johnston, Kevin
Kelly Group
Ken Bohn Consulting
Keyes & Fox LLP
Leviton Manufacturing Co., Inc.

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

Modesto Irrigation District
NRG Solar

OnGrid Solar
Pacific Gas and Electric Company
Peninsula Clean Energy

Pioneer Community Energy

Public Advocates Office

Redwood Coast Energy Authority
Regulatory & Cogeneration Service, Inc.

Resource Innovations

SCD Energy Solutions
San Diego Gas & Electric Company

SPURR
San Francisco Water Power and Sewer
Sempra Utilities

Sierra Telephone Company, Inc.
Southern California Edison Company
Southern California Gas Company
Spark Energy
Sun Light & Power
Sunshine Design
Stoel Rives LLP

Tecogen, Inc.
TerraVerde Renewable Partners
Tiger Natural Gas, Inc.

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