PUBLIC UTILITIES COMMISSION 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3298



Advice Letters:

3568-G/4594-E 3568-G-A/4594-E-A

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

# SUBJECT: Implementation of SmartMeter<sup>™</sup> Opt Out Phase 2 Decision 14-12-078: Revise the SmartMeter<sup>™</sup> Opt-Out Program Balancing Accounts, Electric and Gas Rate Schedules E-SOP and G-SOP, and Electric and Gas Rule 9

Dear Mr. Jacobson:

Advice Letter 3568-G/4594-E and 3568-G-A/4594-E-A are effective as of January 15, 2015, per Resolution E-4723 Ordering Paragraphs.

Sincerely,

Edward Randoph

Edward Randolph Director, Energy Division



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

Fax: 415-973-7226

September 25, 2015

# Advice 3568-G-A/4594-E-A

(Pacific Gas and Electric Company ID U 39 M)

Public Utilities Commission of the State of California

# Subject:Supplemental: Implementation of SmartMeter™ Opt Out Phase 2<br/>Decision 14-12-078: Revise the SmartMeter™ Opt-Out Program<br/>Balancing Accounts, Electric and Gas Rate Schedules E-SOP and<br/>G-SOP, and Electric and Gas Rule 9

## Purpose

In compliance with Resolution E-4723, Pacific Gas and Electric Company (PG&E) submits this supplemental Tier 1 advice letter to revise its electric and gas preliminary statements for its SmartMeter<sup>™</sup> Opt-Out Program (SOP) balancing accounts (SOPBA-E and SOPBA-G, respectively). The affected tariff sheets are listed in Attachment 1.

# **Background**

On February 26, 2015, PG&E filed Advice Letter 3568-G/4594-E in compliance with Decision (D.) 14-12-078 to revise its Electric and Gas Preliminary Statements (Parts GK and DF, respectively) for its SmartMeter<sup>™</sup> Opt-Out Program (SOP) balancing accounts (SOPBA-E and SOPBA-G), Electric and Gas Rate Schedules (E-SOP and G-SOP), and Electric and Gas Rule 9.

On September 18, 2015, the California Public Utilities Commission (CPUC or Commission) issued Resolution E-4723, which approved, with modifications, PG&E's Advice Letter 3568-G/4594-E. In Resolution E-4723, the CPUC directed PG&E to file a supplemental advice letter within ten days to

 "a) remove the tariff language from its gas and electric smart meter opt-out balancing account that provides for debits for reinstalling a smart meter if a customer moves, no longer wishes to participate, or is removed from the optout program, and b) add tariff language that specifically excludes all "exit-fee" costs, "turn off" costs, or "exit costs" from being debited into the smart meter opt-out balancing account." (OP 2)

- "establish a sub-account in their smart meter opt-out balancing accounts to track incremental costs in excess of the authorized opt-out program costs." (OP 8)
- specify that PG&E will "fully implement bi-monthly meter reading as soon as possible but no later than March 1, 2016." (OP 9)

## **Tariff Revisions**

Revise Electric Preliminary Statement Part GK, SmartMeter™ Opt-Out Program Balancing Account - Electric (SOPBA-E) and Gas Preliminary Statement Part DF, SmartMeter<sup>™</sup> Opt-Out Program Balancing Account – Gas (SOPBA-G)

In compliance with Resolution E-4723, OP 2, PG&E proposes to revise the existing Electric Preliminary Statement Part GK, SmartMeter™ Opt-Out Program Balancing Account - Electric (SOPBA-E), and Gas Preliminary Statement Part DF, SmartMeter<sup>™</sup> Opt-Out Program Balancing Account – Gas (SOPBA-G) to "a) remove tariff language ... that provides for debits for reinstalling a smart meter if a customer moves, no longer wish to participate, or is removed from the opt-out program, and b) add tariff language that specifically excludes all "exit-fee" costs, "turn off" costs, or "exit costs" from being debited into the smart meter opt-out balancing account."

In compliance with OP 8, PG&E proposes to revise the existing Electric Preliminary Statement Part GK, SmartMeter<sup>™</sup> Opt-Out Program Balancing Account – Electric (SOPBA-E), and Gas Preliminary Statement Part DF, SmartMeter<sup>™</sup> Opt-Out Program Balancing Account - Gas (SOPBA-G) to establish the "Incremental SmartMeter<sup>™</sup> Opt-Out Cost Subaccount" to track incremental costs in excess of its authorized SmartMeter<sup>™</sup> opt-out program costs.

### Revise Electric and Gas Rule No. 9 – Rendering and Payment of Bills

In compliance with Resolution E-4723, OP 9, PG&E proposes to amend its previously proposed changes to Electric and Gas Rule No. 9, Section O, SmartMeter<sup>™</sup> Opt-Out - Bi-Monthly Meter Reading, to specify that PG&E will fully implement bi-monthly meter reading as soon as possible but no later than March 1, 2016. PG&E expects to implement bi-monthly meter reading by year-end 2015.

This filing will not increase any current rate or charge, cause the withdrawal of service, or conflict with any rate schedule or rule.

### **Protests**

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than October 15, 2015, which is 20 days after the date of this filing. Protests must be submitted to:

CPUC Energy Division ED Tariff Unit 505 Van Ness Avenue, 4<sup>th</sup> 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 B10C P.O. Box 770000 San Francisco, California 94177

Facsimile: (415) 973-7226 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

PG&E requests that this Tier 1 advice filing become effective on January 1, 2015.

### <u>Notice</u>

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 lists for A.11-03-014 and A.12-11-009. 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 filings can also be accessed electronically at: http://www.pge.com/tariffs/.

/S/

Erik Jacobson Director, Regulatory Relations

Attachments

cc: Service Lists A.11-03-014 and A.12-11-009

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# CALIFORNIA PUBLIC UTILITIES COMMISSION ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COM	MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)		
Company name/CPUC Utility No. Pacific C	as and Electric Comp	any (ID U39 M)	
Utility type:	Contact Person: Kingsley Cheng		
☑ ELC	Phone #: (415) 973-52	65	
$\Box$ PLC $\Box$ HEAT $\Box$ WATER		n and PGETariffs@pge.com	
EXPLANATION OF UTILITY TY		(Date Filed/ Received Stamp by CPUC)	
ELC = Electric $GAS = Gas$			
	WATER = Water		
Advice Letter (AL) #: <u>3568-G-A/4594-E-A</u>		Tier: <u>1</u>	
Subject of AL: Supplemental: Implement	tation of SmartMeter	<sup>TM</sup> Opt Out Phase 2 Decision 14-12-078: Revise the	
<u>SmartMeter Opt-Out F</u> G-SOP, and Electric and (		ccounts, Electric and Gas Rate Schedules E-SOP and	
Keywords (choose from CPUC listing): Cor			
AL filing type: $\Box$ Monthly $\Box$ Quarterly $\Box$ Ann	-	er.	
If AL filed in compliance with a Commission or			
Does AL replace a withdrawn or rejected AL? I			
Summarize differences between the AL and the	• •		
Is AL requesting confidential treatment? If so, y			
		· · ·	
Confidential information will be made available to those who have executed a nondisclosure agreement: $N/A$ Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential			
information:	,		
Resolution Required? □Yes ☑No			
Requested effective date: January 1, 2015		No. of tariff sheets: <u>14</u>	
Estimated system annual revenue effect (%): <u>N/A</u>			
Estimated system average rate effect (%): $N/A$			
When rates are affected by AL, include attachme commercial, large C/I, agricultural, lighting).	ent in AL showing average	e rate effects on customer classes (residential, small	
Tariff schedules affected: Gas Preliminary Statement Part DF, Gas Rule 9, Electric Preliminary Statement Part GK, and Electric Rule 9			
Service affected and changes proposed: Please s	ee Attachment 1		
Pending advice letters that revise the same tariff sheets: $N/A$			
Protests, dispositions, and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:			
California Public Utilities Commission		c Gas and Electric Company	
Energy Division		Erik Jacobson tor, Regulatory Relations	
EDTariffUnit		ale Street, Mail Code B10C	
Son Francisco, CA 04102 P.O. Box 770000			
San Francisco, CA 94102San Francisco, CA 94177E-mail: EDTariffUnit@cpuc.ca.govE-mail: PGETariffs@pge.com			
- mail De Furni entre épuèleuiget	E-ma	n: r GE rafills@pge.com	

		ATTACHMENT 1 Advice 3568-G-A
Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
32304-G	GAS PRELIMINARY STATEMENT PART DF SMARTMETER(TM) OPT-OUT PROGRAM BALANCING ACCOUNT - GAS (SOPBA-G) Sheet 1	31537-G
32305-G	GAS PRELIMINARY STATEMENT PART DF SMARTMETER(TM) OPT-OUT PROGRAM BALANCING ACCOUNT - GAS (SOPBA-G) Sheet 2	31538-G
32306-G	GAS PRELIMINARY STATEMENT PART DF SMARTMETER(TM) OPT-OUT PROGRAM BALANCING ACCOUNT - GAS (SOPBA-G) Sheet 3	31539-G
32307-G	GAS RULE NO. 9 RENDERING AND PAYMENT OF BILLS Sheet 9	
32308-G	GAS TABLE OF CONTENTS Sheet 1	32267-G
32309-G	GAS TABLE OF CONTENTS Sheet 5	32213-G
32310-G	GAS TABLE OF CONTENTS Sheet 6	32137-G



32304-G 31537-G

		SMARTMETER(TM)	<b>STATEMENT PART DF</b> OPT-OUT PROGRAM NT - GAS (SOPBA-G)	Sheet 1
DF. Sr	martMet	er <sup>™</sup> Opt-Out Program Balancing Accoບ	int - Gas (SOPBA-G)	
1.	revenu Decisic Progra who do record costs a require this aco service the gas custom	n (D.) 14-12-078 and the associated re n participants. The Opt-Out Program p not wish to have a wireless SmartMete the revenue requirements associated v nd revenues in a two-way balancing ac ments. Costs that can be attributed sp count. General costs that cannot be att or electric service shall be allocated 55 portion of the charges (i.e., initial amo	rtMeter <sup>™</sup> Opt-Out Program as approved evenues from fees received from Opt-Out provides an option for residential custome er <sup>™</sup> installed at their residences. PG&E s vith the SmartMeter <sup>™</sup> Opt-Out Program count for future recovery of these revenu ecifically to gas service will be recorded t ributed specifically either to providing gas 5% electric and 45% gas. All revenues fr unt and monthly charge) from participatin ursuant to D.14-12-078, all "exit-fee" cos	ers hall o s om g
2.	APPLI those s	CABILITY: The SOPBA-G shall apply to pecifically excluded by the Commission	gas residential customers only, except f n.	or
3.		ON DATE: Disposition of the balance is ssion in a future proceeding.	n this account shall be determined by the	
4.	RATES	: The SOPBA-G rate component is set	forth in Gas Rate Schedule G-SOP.	
5.	ACCO	JNTING PROCEDURE: The SOPBA-G	includes the following subaccount:	(T)
	INCRE record opt-out	MENTAL COST SUBACCOUNT: The p incremental SmartMeter <sup>TM</sup> opt-out cost programs costs.	ourpose of this subaccount is to track and s in excess of the authorized SmartMeter	L (N) <sup>TM</sup> I (N)
		shall maintain the SOPBA-G by making as applicable:	entries to this account at the end of eac	h (T)
	Ma cap Un rec inc inc sin sin	intenance (O&M) and Administrative ar bital-related revenue requirements, exc collectibles (FF&U) expense, incurred f dertake to manage the SmartMeter™ C uirements will include depreciation exp ome taxes, and property taxes associat uding the ongoing capital revenue require ce inception of the program. These cap	or all the activities PG&E is required to pt-Out Program. The capital-related reve ense, return on investment, federal and s red with the costs of installing equipment uirements associated with capital addition bital, O&M, and A&G costs include activities described below and may relate	nue state is
	•		Call Center communications, and other rding the SmartMeter™ Opt-Out Program	1.
	•	changing of parties following starts/sto	s activities, such as managing enrollment ops in service, revising meter-reading rou requests, all related billing and payment ee-training and communications.	
	•	The expenses for bi-monthly meter re-	ading of the gas analog mechanical mete	ers.
				(Continued)
Advice I e	etter No:	3568-G-A Issue	d by Date Filed S	eptember 25, 2015

Decision No.



[		
	GAS PRELIMINARY STATEMENT PART DF SMARTMETER(TM) OPT-OUT PROGRAM BALANCING ACCOUNT - GAS (SOPBA-G)	Sheet 2
5. ACCOUNTING	PROCEDURE (Cont'd)	
<ul> <li>The exp and the Californi</li> </ul>	enses related to testing analog meters to comply with Commission Rule Commission's Direct Access standards for metering and meter data in a.	17
SmartM and ider	enses for ongoing engineering, monitoring the integrity of the eter™ mesh network needed as new customers request analog meters ntifying where additional network devices must be installed to maintain nications system integrity.	
those pr	enses for any incremental increase in uncollectible expenses in excess o ojected in the utility's last general rate case that are attributable to the eter™ Opt-Out Program.	of
<ul> <li>The exp</li> </ul>	enses for program administration, including regulatory reporting.	
had they but not l service,	enses associated with benefits that SmartMeters <sup>™</sup> would have provided been in place as anticipated in D.06-07-027 and D.09-03-026, including imited to manual processing of service-terminations, manual checks of lo and manual restoration of service that SmartMeters <sup>™</sup> could have ed remotely.	9
equipme	enses associated with information technology projects, upgrades, or ent used to manage the 36-month limitation on customer fees and/or bi- meter-reading.	
wish to i	ital cost of purchasing analog meters for residential gas customers who replace the wireless SmartMeter™ installed at their residences, including ment, materials handling, and inventory costs.	)
meters f SmartM installing removal	ital cost of removing the gas SmartMeter <sup>™</sup> module on gas mechanical or residential gas customers who wish to replace the wireless eter <sup>™</sup> module installed at their residences, retiring the module, and g a new face plate on the gas analog mechanical meters, including , procurement, materials handling, and inventory costs. For those modul not retired but are refurbished and reused, these costs will be expensed	
■ The cap	ital cost of purchasing up to 200 hand-held meter-reading devices and fo	(D)           (D)
program reading	iming PG&E's Information Technology (IT) systems to receive the meter	-
		(Continued)

Advice Letter No: 3568-G-A Decision No. 14-12-078



	SN	<b>S PRELIMINARY STATEMENT I</b> MARTMETER(TM) OPT-OUT PRO LANCING ACCOUNT - GAS (SC	OGRAM	Sheet 3
5. AC	COUNTING PROCED	OURE (Cont'd)		
		of purchasing network equipment to ociated with removal of RF-based me		ed
		of installing and/or relocating networl ectivity associated with removal of R		nsate
	<ul> <li>The capital cost of materials handling</li> </ul>	of purchasing additional network dev g, and inventory costs.	rices, including procure	ment,
	<ul> <li>The capital cost of devices and instant</li> </ul>	of engineering site-specific installation alling these devices.	ons of any additional ne	etwork
	<ul> <li>The capital cost of to manage the 36 reading.</li> </ul>	of information technology projects, u 6-month limitation on customer fees a	pgrades, or equipment and/or bi-monthly mete	used er-
b)	A credit entry equal to SmartMeter™ Opt-O	o the gas portion of initial and/or mor ut Program.	nthly charges for the	
c)	the beginning of the i one-twelfth of the rate	v equal to the interest on the average month and the balance after the above on three-month Commercial Paper al Reserve Statistical Release, H.15	ve entry, at a rate equa r for the previous month	al to
d)	A debit or credit entry other accounts upon	v, as appropriate, to record the transf approval by the Commission.	fer of amounts to or fro	m
Inc	remental Cost Subacc	<u>count</u>		(N)
The	e following entries will	be made to the subaccount each mo	onth, as applicable:	
e)	A debit entry equal to authorized SmartMet	o the incremental SmartMeter <sup>™</sup> opt-o er <sup>™</sup> opt-out programs costs.	out costs in excess of t	he I I
f)	A debit or credit entry other accounts upon	<ul> <li>as appropriate, to record the transf approval by the Commission.</li> </ul>	fer of amounts to or fro	m l
g)	beginning of the mon twelfth of the rate on	I to interest on the average balance th and the balance after the above e three-month Commercial Paper for t al Reserve Statistical Release, H.15	entry, at a rate equal to the previous month, as	ne I one- I I (N)
				(Continued)
Advice Letter I Decision No.	No: 3568-G-A 14-12-078	Issued by Steven Malnight	Date Filed Effective	September 25, 2015 January 15, 2015

Senior Vice President

**Regulatory Affairs** 

Resolution No.

E-4723



# Sheet 9 **GAS RULE NO. 9** RENDERING AND PAYMENT OF BILLS O. SMARTMETER™ OPT-OUT – BI-MONTHLY METER READING For customers participating in the SmartMeter™ Opt-Out Program, PG&E will read the meters on a bi-monthly (every two months) basis. Pursuant to Resolution (N) E-4723, PG&E will implement bi-monthly meter reading as soon as possible but no Т later than March 1, 2016. PG&E will provide an estimated bill in months when the (N) meter is not read and true-up the bill following the next meter read.

Issued by **Steven Malnight** Senior Vice President Regulatory Affairs Date Filed Effective Resolution No. September 25, 2015 January 1, 2015 E-4723



## **GAS TABLE OF CONTENTS**

#### Sheet 1

#### TITLE OF SHEET

#### CAL P.U.C. SHEET NO.

Title Page	
Rate Schedules	
Preliminary Statements	
Rules	
Maps, Contracts and Deviations	
Sample Forms	

(Continued)

Issued by Steven Malnight Senior Vice President **Regulatory Affairs** 



Cancelling

Revised

Revised

#### 32309-G 32213-G

#### **GAS TABLE OF CONTENTS** Sheet 5 CAL P.U.C. PART TITLE OF SHEET SHEET NO. **Preliminary Statements** Part AC Part AE Part AG Part AN Part AW Part BA Part BB Part BH Public Purpose Program Surcharge-Low Income Energy Efficiency Public Purpose Program Surcharge-Research, Development and Demonstration Part BI Part BL Part BQ Part BS Part BT Part BW Part CA Part CB Part CE Part CE Part CF Part CG Part CI Part CK Part CL Part CM Part CN Part CO Part CP Part CS Part CT Part CV Revised Customer Energy Statement Balancing Account - Gas (RCESBA-G) ......29617-G Part CW Part CX Part CY Part CZ California Energy Systems for the 21st Century Balancing Account ...... 30264\*-G Part DA Part DC Part DD Part DE SmartMeter<sup>IM</sup> Opt-Out Program Balancing Account – Gas (SOPBA-G)....... 32304,32305,32306-G Part DF Part DG Part DH Part DI Part DJ

(T)

Advice Letter No: 3568-G-A Decision No. 14-12-078 Issued by **Steven Malnight** Senior Vice President Regulatory Affairs Date Filed Effective Resolution No. September 25, 2015 January 1, 2015 E-4723

(Continued)



(T)

#### **GAS TABLE OF CONTENTS** Sheet 6 CAL P.U.C. RULE TITLE OF SHEET SHEET NO. Rules Rule 01 Rule 02 Rule 03 Rule 04 Rule 05 Rule 06 Rule 07 Rule 08 Rule 09 Rule 10 Rule 11 Rule 12 Rule 13 Rule 14 Capacity Allocation and Constraint of Natural Gas Service ...... 18231-18235,30690-30698,28283, Rule 15 Rule 16 Gas Service Extensions .......21546,18816,17728,17161,18817,18818,18819,18820,18821, Rule 17 Meter Tests and Adjustment of Bills for Meter Error......14450.28656.28764.28770.28771. Rule 17.1 Rule 17.2 Rule 18 Rule 19 Rule 19.1 California Alternate Rates for Energy for Individual Customers and Submetered Tenants of Rule 19.2 California Alternate Rates for Energy for Nonprofit Group-Living Facilities ..... **Rule 19.3** California Alternate Rates for Energy for Qualified Agricultural Employee Housing Facilities Rule 21 Transportation of Natural Gas ...... 27591,31478,31479,31872,23194,23195,21845,23196, Rule 21.1 Use of Pacific Gas and Electric Company's Firm Interstate Rights ......20461,18260,18261-G Rule 23 Rule 25 Standards of Conduct and Procedures Related to Transactions with Intracompany Departments, Rule 26 Reports of Negotiated Transactions, and Complaint Procedures ... 18284,18285,18633,30704-G Rule 27.1 Access to Energy Usage and Usage-Related Data While Protecting Privacy of Personal Data Rule 28

(Continued)

Advice Letter No: 3568-G-A Decision No. 14-12-078 Issued by **Steven Malnight** Senior Vice President Regulatory Affairs

#### 6H9

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
35625-E	ELECTRIC PRELIMINARY STATEMENT PART GK SMARTMETER(TM) OPT-OUT PROGRAM BALANCING ACCOUNT - ELECTRIC (SOPBA-E) Sheet 1	34519-E
35626-E	ELECTRIC PRELIMINARY STATEMENT PART GK SMARTMETER(TM) OPT-OUT PROGRAM BALANCING ACCOUNT - ELECTRIC (SOPBA-E) Sheet 2	34520-E
35627-E	ELECTRIC PRELIMINARY STATEMENT PART GK SMARTMETER(TM) OPT-OUT PROGRAM BALANCING ACCOUNT - ELECTRIC (SOPBA-E) Sheet 3	34521-E
35628-E	ELECTRIC RULE NO. 9 RENDERING AND PAYMENT OF BILLS Sheet 9	
35629-E	ELECTRIC TABLE OF CONTENTS Sheet 1	35592-E
35630-E	ELECTRIC TABLE OF CONTENTS PRELIMINARY STATEMENT Sheet 18	35458-E
35631-E	ELECTRIC TABLE OF CONTENTS RULES Sheet 19	35097-E



35625-E

34519-E

	ELECTRIC PRELIMINARY STATEMENT PART GK SMARTMETER(TM) OPT-OUT PROGRAM BALANCING ACCOUNT - ELECTRIC (SOPBA-E)	Sheet 1
GK. Smart	Aeter <sup>™</sup> Opt-Out Program Balancing Account - Electric (SOPBA-E)	
reve Dec Pro who reco cos requ to th serv the part "exi	RPOSE: The purpose of the SOPBA-E is to record the difference between actual mue requirements related to PG&E's SmartMeter <sup>™</sup> Opt-Out Program as approved i ision (D.) 14-12-078 and the associated revenues from fees received from Opt-Out gram participants. The Opt-Out Program provides an option for residential custome do not wish to have a wireless SmartMeter <sup>™</sup> installed at their residences. PG&E s and revenue requirements associated with the SmartMeter <sup>™</sup> Opt-Out Program s and revenues in a two-way balancing account for future recovery of these revenue in a two-way balancing account for future recovery of these revenue is account. General costs that cannot be attributed specifically to electric service will be recorden is account. General costs that cannot be attributed specifically either to providing g rice or electric service shall be allocated 55% electric and 45% gas. All revenues from electric portion of the charges (i.e., initial amount and monthly charge) from icipating customers will be credited to the SOPBA-E. Pursuant to D.14-12-078, all there is costs, "turn off" costs, or "exit costs" are prohibited from being recorded in this bount.	rs hall d as om (N)
	PLICABILITY: The SOPBA-E shall apply to electric residential customers only, exception specifically excluded by the Commission.	ot
	ISION DATE: Disposition of the balance in this account shall be determined by the mission in a future proceeding.	
4. RA	ES: The SOPBA-E rate component is set forth in Electric Rate Schedule E-SOP.	
5. AC0	COUNTING PROCEDURE: The SOPBA-E includes the following subaccount:	(T)
reco	REMENTAL COST SUBACCOUNT: The purpose of this subaccount is to track and ord incremental SmartMeter <sup>TM</sup> opt-out costs in excess of the authorized SmartMeter <sup>1</sup> out programs costs.	M (N) I (N)
	E shall maintain the SOPBA-E by making entries to this account at the end of each th, as applicable:	(T)
a)	A debit entry equal to the electric portion of PG&E's actual incremental Operating an Maintenance (O&M) and Administrative and General (A&G) operating expenses and capital-related revenue requirements, excluding associated Franchise Fees and Uncollectibles (FF&U) expense, incurred for all the activities PG&E is required to undertake to manage the SmartMeter <sup>™</sup> Opt-Out Program. The capital-related revenue requirements will include depreciation expense, return on investment, fede and state income taxes, and property taxes associated with the costs of installing equipment, including the ongoing capital revenue requirements associated with cap additions since inception of the program. These capital, O&M, and A&G costs inclu implementation costs associated with the activities described below and may relate numerous activities or organizations, including but not limited to:	d ral ital de
	<ul> <li>The expenses for customer outreach, Call Center communications, and other written and oral communications regarding the SmartMeter<sup>™</sup> Opt-Out Program</li> </ul>	
	<ul> <li>The expenses for customer operations activities, such as managing enrollment, changing of parties following starts/stops in service, revising meter-reading rout handling and responding to customer requests, all related billing and payment processes, and all associated employee-training and communications.</li> </ul>	es,
		(L)
	lo: 4504 E A logued by Data Eilad Se	(Continued)

Advice Letter No: 4594-E-A Decision No. 14-12-078



35626-E 34520-E

	SN	<b>RIC PRELIMINARY STATEMEI</b> MARTMETER(TM) OPT-OUT PR NCING ACCOUNT - ELECTRIC	ROGRAM	Sheet	2
5. ACCO	UNTING PROCED	URE (Cont'd)			
•	limited cases, the	r bi-monthly meter reading of any el solid-state digital meters for those s that require special meters.			(L)   (L)
•	state digital mete require special m	lated to testing analog meters, and, rs for those residential electric custo eters, in order to comply with Comr rect Access standards for metering	omers on rate schedu nission Rule 17 and th	les that ne	
•	customer opt-out	r monitoring the integrity of the Sma s create gaps in the network, includ additional network devices should l	ling engineering, and		
•		r any incremental increase in uncoll n the utility's last general rate case t bt-Out Program.			
•	The expenses for	r program administration, including	regulatory reporting.		
•	had they been in but not limited to	sociated with benefits that SmartMe place as anticipated in D.06-07-027 manual processing of service-termi ual restoration of service that Smar ely.	7 and D.09-03-026, ind nations, manual chec	cluding	
•		sociated with information technology to manage the 36-month limitation of ading.			
•	wish to replace the procurement, macustomers, these number of reside	of purchasing analog meters for resine wireless SmartMeter <sup>™</sup> installed a terials handling, and inventory costs meters will be analog electromechantial electric customers on rate schee-of-Use customers), these meters	at their residences, ind s. For the great majori anical meters. For a v edules that require spo	cluding ty of ery small ecial	
•	meters, and in lin	of replacing the electric SmartMeter nited cases the solid-state digital me is on rate schedules that require spe	eters for those resider	nalog itial	
					(D)   
	The capital cost of programming PG reading data.	of purchasing up to 200 hand-held n &E's Information Technology (IT) s	neter-reading devices ystems to receive the	and for meter-	(D)
•	The capital cost of connectivity asso	of purchasing network equipment to ciated with removal of RF-based m	compensate for redu eters.	ced	
				(Cont	tinued)
Advice Letter No: Decision No.	4594-E-A 14-12-078	Issued by <b>Steven Malnight</b>	Date Filed Effective	Septembe	er 25, 2019 y 15, 2019

E-4723



	SMAR	F <b>PRELIMINARY STATEME</b> TMETER(TM) OPT-OUT PF NG ACCOUNT - ELECTRIC	ROGRAM	Sheet 3
5. AC	COUNTING PROCEDURE	E (Cont'd)		
		stalling and/or relocating netwo vity associated with removal of		ensate
	<ul> <li>The capital cost of pum materials handling, and</li> </ul>	rchasing additional network de nd inventory costs.	evices, including procur	ement,
	<ul> <li>The capital cost of en devices and installing</li> </ul>	gineering site-specific installat these devices.	ions of any additional n	etwork
	<ul> <li>The capital cost of info manage the 36-month</li> </ul>	prmation technology projects, ι n limitation on customer fees a	upgrades, or equipment nd/or bi-monthly meter-	used to reading.
b)	A credit entry equal to the SmartMeter™ Opt-Out Pr	e electric portion of initial and/o	r monthly charges for th	ne
c)	the beginning of the mont one-twelfth of the rate on	ual to the interest on the average h and the balance after the ab- three-month Commercial Pape eserve Statistical Release, H.1	ove entry, at a rate equer for the previous mon	al to
d)	A debit or credit entry, as other accounts upon appr	appropriate, to record the tran roval by the Commission.	sfer of amounts to or fr	om
Inci	remental Cost Subaccount	<u>t</u>		(N)
The	e following entries will be m	nade to the subaccount each m	nonth, as applicable:	
e)	A debit entry equal to the authorized SmartMeter <sup>TM</sup>	incremental SmartMeter <sup>™</sup> opt opt-out programs costs.	-out costs in excess of	the I
f)	A debit or credit entry, as other accounts upon appr	appropriate, to record the tran roval by the Commission.	sfer of amounts to or fr	om I I
g)	beginning of the month ar twelfth of the rate on three	nterest on the average balance nd the balance after the above e-month Commercial Paper for eserve Statistical Release, H.1	entry, at a rate equal to the previous month, as	o one- I
				(Continued)
vice Letter I	Vo: 4594-E-A	Issued by	Date Filed	September 25, 201



# **ELECTRIC RULE NO. 9** Sheet 9 RENDERING AND PAYMENT OF BILLS O. SMARTMETER™ OPT-OUT – BI-MONTHLY METER READING For customers participating in the SmartMeter™ Opt-Out Program, PG&E will read the meters on a bi-monthly (every two months) basis. Pursuant to Resolution (N) E-4723, PG&E will implement bi-monthly meter reading as soon as possible but no Т later than March 1, 2016. PG&E will provide an estimated bill in months when the (N) meter is not read and true-up the bill following the next meter read. Advice Letter No:



35629-E 35592-E

ELECTRIC TABLE OF CONTENTS	Sheet 1
TABLE OF CONTENTS	
CAL P.U SCHEDULE TITLE OF SHEET SHEET	
Title Page       3562         Rate Schedules       35593,35594,35595,35596,35597,35598,35088,31541,3451         Preliminary Statements       35083,32706,35423,35049,34357,34358,35454,3563         Rules       35631,35401,3542         Maps, Contracts and Deviations       3504         Sample Forms       32777,32429,32726,35301,32504,35493,33209,35425,35484,32437,32508,3243	7-E <b>0</b> -E (T) 4-E (T) 4-E

Issued by Steven Malnight Senior Vice President **Regulatory Affairs** 

Date Filed Effective Resolution No. September 25, 2015 January 1, 2015 E-4723

(Continued)

1H9



	Revised
Cancelling	Revised

Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No.

35630-E 35458-E

	ELECTRIC TABLE OF CON PRELIMINARY STATEME		Sheet 18
PART	TITLE OF SHEET		CAL P.U.C. SHEET NO.
	Preliminary Statements (Cont'd)		
Part GA Part GB Part GC Part GD Part GE Part GF Part GI Part GJ Part GM Part GN Part GO Part GO Part GQ Part GQ Part GS	Greenhouse Gas Expense Memorandum Account	count	

14-12-078

Issued by **Steven Malnight** Senior Vice President Regulatory Affairs Date Filed Effective Resolution No. September 25, 2015 January 15, 2015 E-4723



Cancelling Revised

Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No. 35631-Е 35097-Е

	ELECTRIC TABLE OF CONTENTS RULES	Sheet 19	
RULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.	
	Rules		
Rule 01	Definitions	5,30662,30297,30298,	
Rule 02	Description of Service		
Rule 03	Application for Service		
Rule 04	Contracts		
Rule 05	Special Information Required on Forms		
Rule 06	Establishment and Reestablishment of Credit		
Rule 07	Deposits		
Rule 08	Notices	1/1/6 12120 20672 E	
Rule 08	Rendering and Payment of Bills25145,25146,34305,31455,34202,27862		
Rule 09	Disputed Bills		

Advice Letter No:

4594-E-A 14-12-078 Issued by **Steven Malnight** Senior Vice President Regulatory Affairs Date Filed Effective Resolution No. September 25, 2015 January 15, 2015 E-4723

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