
PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



December 20, 2017

**Advice Letter 3880-G/5136-E
3880-G-A/5136-E-A**

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

SUBJECT: Request of PG&E for 2015 and 2016 EE Incentive Award.

Dear Mr. Jacobson:

Advice Letter 3880-G/5136-E and supplemental 3880-G-A/5136-E-A are effective as of December 15, 2017 per Resolution E-4897 Ordering Paragraphs.

Sincerely,

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

Edward Randolph
Director, Energy Division



Erik Jacobson
Director
Regulatory Relations

Pacific Gas and Electric Company
77 Beale St., Mail Code B13U
P.O. Box 770000
San Francisco, CA 94177

Fax: 415-973-3582

September 28, 2017

Advice 3880-G-A/5136-E-A
(Pacific Gas and Electric Company ID U 39 M)

Public Utilities Commission of the State of California

**Subject: Supplemental: Request of Pacific Gas and Electric Company for
2015 and 2016 Energy Efficiency Incentive Award**

I. Purpose

Pacific Gas and Electric Company (PG&E) submitted Advice 3880-G/5136-E (Advice Letter) to the California Public Utilities Commission (Commission or CPUC) on September 1, 2017 to request approval of its Efficiency Savings and Performance Incentive (ESPI) award for the second part of 2015 and first part of 2016, and authorization to include the awards in PG&E's energy efficiency (EE) balancing accounts. The advice letter was filed in accordance with the instructions set forth in Appendix 5 of Decision (D.)15-10-028.¹

PG&E submits this supplemental advice letter to further reduce its award claim by satisfying the remaining offset required by the Risk/Reward Incentive Mechanism (RRIM) Settlement Agreement, approved by the Commission in D.16-09-019. The Settlement Agreement requires PG&E to reduce its requests for future shareholder incentives by at least \$5.8 million per year for five years until it has offset a total of \$29.1 million.² The first offset of \$ 5.8 million was approved by the Commission in Resolution E-4807. The Settlement Agreement allows PG&E to expedite the offset by increasing the offset above the minimum amount.³ (Please see Section VI for a brief discussion of this requirement.)

PG&E's total revised ESPI request for the second part of its 2015 and first part of 2016 savings is summarized in Table 1 below.

¹ The instructions in D.15-10-028 superseded the schedule established in Ordering Paragraph (OP) 4 of Decision (D.) 13-09-023, Decision Adopting Efficiency Savings and Performance Incentive Mechanism.

² D.16-09-019, p. 2; OP 2.

³ D.16-09-019, p. 3; Settlement Agreement, Sec. III.A.2.

Table 1 – Award Summary

Component	Award
2015 PY+2	
A. Ex-Post Savings	\$10,210,061
A. Ex-Ante Savings True Up	\$(233,759)
2016 PY+1	
A. Ex-Ante Savings	\$6,988,256
B. Ex-Ante Review Performance	\$5,360,028
C. Codes & Standards	\$1,739,465
D. Non-Resource	\$706,988
UAFCB 2015 EE Audit True Ups	
B. Ex-Ante Review Performance (Observation 23, 26, 29, 32)	\$(10,969)
C. Codes & Standards (Observation 15)	\$0
D. Non-Resource (Observation 18, 19)	\$0
Sub-Total Request	\$24,760,070
2016 RRIM Settlement Agreement Offset	\$(23,292,011)
Total Request	\$1,468,059

II. Background

In its Decision Adopting Efficiency Savings and Performance Incentive Mechanism D.13-09-023 (ESPI Decision), the Commission approved the ESPI to continue promoting the investor-owned utilities' (IOUs') achievement of EE goals for program years 2013 and beyond.⁴

The ESPI mechanism includes incentive awards in the following four performance categories:⁵

- A. EE Resource Savings:** measured by a combination of ex-ante “locked down” and ex-post verified net lifecycle energy savings measured in MW, GWh and MMTh.
- B. Ex-Ante Review Performance:** measured by IOU conformance with ex-ante review requirements.

⁴ D.13-09-023.

⁵ D.13-09-023, OP3.

C. Codes and Standards Program Management Fees: based on savings associated with a utility's advocacy for energy savings through appliance and building code changes.

D. Non-Resource Program Management Fees: based on the implementation of EE activities and programs that do not directly generate energy savings but provide support to savings-based programs.

The ESPI Decision adopted a process and schedule for the submittal of the incentive awards starting in 2014. The timelines for ESPI review were updated to comply with the new EE planning, budget, and review processes adopted by the *Decision re Energy Efficiency Goals for 2016 and Beyond and Energy Efficiency Rolling Portfolio Mechanics*, D.15-10-028.

This filing complies with the annual process for submission, review, and resolution of management fees and incentive award claims established in the ESPI Decision.⁶ While the previous filing schedule has been replaced by the "ESPI Revised Timelines" presented in D.15-10-028 Appendix 5, the ESPI awards are still categorized the same way. One award is authorized the year following a program year (PY+1) that includes the ex-ante portion of ESPI category A (EE Resource Savings), and all of categories B (Ex-Ante Performance Review), C (Codes and Standards Program Management Fee), and D (Non-Resource Program Management Fee). Another award is authorized two years following a program year (PY + 2) for the remainder of category A (EE Resource Savings) that is required to be verified after installation/implementation (ex-post.)

In the following sections, PG&E presents its request for 2015 PY+2 and 2016 PY+1 ESPI incentives and adjustments to account for the Commission's Utility Audit, Finance and Compliance Branch (UAFCB) 2015 EE Audit and a Settlement Agreement relating to the shareholder incentive awarded for 2006-2008.

III. 2015 PY+2 Incentive Calculation

A. Ex-Post Savings Award (including PY+1 Ex-Ante Adjustments)

The CPUC issued the 2015 Ex-Post Efficiency Savings and Performance Incentive Final Performance Statement Report (Ex-Post Performance Report or Report) on August 1, 2017. The Ex-Post Performance Report provides the Commission Staff's recommended earnings for each IOU for 2015 PY+2. The Report also includes a true-up of 2015 PY+1 category A (EE Resource Savings).

⁶ D.13-09-023, Attachment 6.

The 2015 PY+2 incentive consists of the portion of ESPI category A that requires ex-post verified savings and any true-ups associated with 2015 PY+1 ex-ante resource savings preliminary estimate. PG&E has incorporated the proposed 2015 ex-post earnings applicable to PG&E, including ex-ante adjustments described in the Ex-Post Performance Report. Tables 2 and 3, with values excerpted from the Report, summarize the key components to the final proposed 2015 PY+2 ESPI Award.

The Commission issued an Ordering Correcting Error (OCE)⁷ on July 27, 2017 that corrected a typographical error in the 2015 coefficient and cap allocation for gas earnings from 25% to 15%. The Ex-Post Performance Report includes a notice of the error but did not adjust the values in the final version of the Report⁸. On August 29, 2017, the Director of the Energy Division issued a disposition⁹ that corrected the coefficient for the 2015 statewide earnings rate for gas and instructed the IOUs to use the corrected value in this Advice Letter. PG&E has included an adjustment to the 2015 Ex-Post Savings Award and the 2015 Ex-Ante Savings Award True-Up as calculated in the Ex-Post Performance Report to account for this correction.

⁷ D.17-07-014, Order Correcting Error. The error that was corrected appears in Attachment 1 of D.13-09-023, page 2, footnote 1. The gas budget allocation for PG&E and SDG&E of 25% was corrected to 15%.

⁸ Report, Page 2: "The correction is not reflected in this report but this, and any other potential adjustments to the Ex-Post/Ex-Ante values, will be addressed in the Commission Resolutions to approve the September ESPI advice letters."

⁹ Commission Staff Disposition, Subject: Updates to the 2015 Efficiency Savings and Performance Incentive Mechanism (ESPI) Earnings Rates and Award Caps.

Table 2 - 2015 PY+2 Ex-Post Savings for Lifecycle (LC) Custom and Deemed

PG&E	Electric (GWh)	Demand (MW)	Natural Gas (MMTherms)	Total
Ex-Post (LC Net) Deemed*	1,041	179	-4	
Ex-Post (LC Net) Custom*	1,135	283	47	
Total Ex-Post LC Net*	2,176	462	43	
Earnings Rate*	\$2,335	\$7,127	\$30,454	
Total Report Incentive*	\$5,589,016	\$3,582,528	\$1,400,292	\$10,571,836
Earning rate ¹⁰ per ED disposition ¹¹	\$2,335	\$7,127	\$22,586	
Earnings rate adjustment (%)	0%	0%	-25.8357%	
2015 gas earning adjustment	\$0	\$0	\$(361,775)	\$(361,775)
Total Incentive (Report incentive and gas coefficient adjustment)				\$10,210,061

*Values in these rows excerpted directly from the Ex-Post Performance Report Table 2; The Total Incentive includes the 5% market effects adder, but does not include true-ups identified in Table 3 or Estimated OCE Adjustment.

Table 3 - 2015 PY+2 Ex-Ante Savings Incentive Earnings Adjustment

Source	kWh Earnings	kW Earnings	Therms Earnings	Total
Resolution E-4807 Preliminary Estimate*	\$1,851,604	\$1,695,746	\$1,021,512	\$4,568,863
Ex-Post Performance Report – Final*	\$1,879,004	\$1,704,721	\$1,013,127	
Earnings rate adjustment (%)	0%	0%	-25.8357%	
2015 gas earning adjustment	\$0	\$0	\$(261,748)	
Revised Ex-Post Earnings for 2015 PY+2	\$1,879,004	\$1,704,721	\$751,379	\$4,335,104
True-Up Adjustment (Revised Ex-Post Earnings less Preliminary Estimate)				\$(233,759)

*Values in these rows excerpted directly from Ex-Post Performance Report Table 4 and Table 5; The total award for Resolution E-4807 shown in this table and the Report is correct, though the rounded individual components of the award as shown in the Report table (and included in this table) sums to a value of one dollar less than the actual award.

¹⁰ D.17-07-014, Order Correcting Error in D. 13-09-023.

¹¹ Commission Staff Disposition, Subject: Updates to the 2015 Efficiency Savings and Performance Incentive Mechanism (ESPI) Earnings Rates and Award Caps.

IV. 2016 PY+1 Incentive Calculation

The 2016 PY+1 incentive includes the ex-ante portion of ESPI category A, and all of components B, C, and D. Each component is analyzed in the sections below according to its respective ESPI components.

A. Preliminary Ex-Ante Savings Award

For purposes of determining the Ex-Ante Savings award, PG&E followed the process outlined in D.13-09-023, as described below.¹²

PG&E calculated the net lifecycle energy savings associated with the ex-ante “locked down” deemed measures approved by the Commission, not including deemed measures on the uncertain measure list.¹³

The Commission’s Energy Division provided guidelines for the 2017 ESPI AL submission¹⁴ that include detailed instructions for IOUs to report ex-ante savings to claim an Ex-Ante Savings Award. IOUs were instructed to categorize measures into three ESPI groups: Deemed Certain (eligible for 2016 PY+1 savings award), Deemed Uncertain (not eligible for 2016 PY+1 award), and Custom (not eligible for 2016 PY+1 savings award), in addition to several other categorizations that are not directly relevant to the ESPI award determination.

PG&E is submitting a detailed 2016 ESPI Ex-Ante Savings table (Table A.1) in the format prescribed by the Energy Division in Appendix A¹⁵ and a summarized savings table (Table B.1) in Appendix B.¹⁶ Table A.1 and Table B.1 align with PG&E’s 2016 Annual Report data as reported to the CPUC on May 24, 2016.

PG&E calculated the Preliminary Ex-Ante Savings award request using the savings values from Table A.1. PG&E summed net and gross lifecycle savings values for each of the GWh, MW, and MMTherms values for 2016 Deemed Certain Measures that were installed in 2016. Net lifecycle savings were then multiplied by the coefficients as described in D.13-09-023, Attachment 1, Table 3, and updated for 2016 using the

¹² D.13-09-023, pp. 51-52.

¹³ The 2016 uncertain measure list was distributed to the R.13-11-005 service list on November 3, 2015, with the subject line “Energy Efficiency ESPI 2016 Uncertain Measures List.”

¹⁴ <http://www.cpuc.ca.gov/WorkArea/DownloadAsset.aspx?id=6442453614>

¹⁵ Appendix A: Table A.1 contains over 31,000 rows and 65 columns. Due to its size, it will be made available on PG&E’s website in Microsoft Excel format instead of being directly attached to this advice letter. Instructions to access Appendix A are included on the List of Appendices page of Attachment 1.

¹⁶ Appendix B: Table B.1 is attached directly to this advice letter.

approved 2016 Coefficients and Caps¹⁷ in response to the joint IOU Advice Letter.¹⁸ PG&E accounted for spillover at the portfolio level by adding 5% of the gross lifecycle savings for each metric and multiplying by its respective coefficient.

Table 4 includes the total gross and net lifecycle savings as noted in Table B.2 and consistent with Table A.1, the 2016 savings coefficients, and PG&E's requested award.

Table 4 – Preliminary Ex-Ante Savings

ESPI component	Lifecycle savings	Unit	Factor	Multiplier per unit	Award Amount
Ex-Ante EE Resource Savings (Net lifecycle, not including spillover)	1,540.076	GWh	100%	2,411	\$3,713,123
	342.588	MW-yr	100%	7,670	\$2,627,652
	6.134	MMThm	100%	26,048	\$159,775
Accounting for spillover (Gross lifecycle savings x 5%)	2,342.789	GWh	5%	2,411	\$282,423
	502.928	MW-yr	5%	7,670	\$192,873
	9.528	MMThm	5%	26,048	\$12,410
Total Preliminary Ex-Ante Award Request					\$6,998,256

B. Ex-Ante Review Performance Award

The ex-ante review (EAR) performance component of the incentive mechanism is calculated based on the annual performance score for each IOU as prescribed in Attachments 5 and 7 of D.13-09-023. This score is taken as a percentage applied to a cap of 3% of EE resource program expenditures, not to exceed authorized expenditures exclusive of administrative expenses.¹⁹ On August 21, 2017, the Energy Division issued a memo containing a 2016 EAR performance score for PG&E of 59.78.²⁰

The Energy Division provided guidelines for the 2017 ESPI AL submission²¹ that include detailed instructions for cost reporting for the EAR Performance Award. A

¹⁷ CPUC disposition letter approving 2016 Energy Efficiency Incentive Award Earnings Rates and Award Caps effective July 6, 2017, dated August 8, 2017.

¹⁸ Joint-IOU Advice Letter 3864-G/5110-E, dated July 6, 2017.

¹⁹ D.13-09-023, OPs 3 and 14.

²⁰ Commission Staff memo to PG&E; Subject: Final 2016 ESPI Ex-Ante Review Performance Scores. This document is available at <http://deeresources.com/index.php/espi/espi-ear-performance-scoring>

²¹ <http://www.cpuc.ca.gov/WorkArea/DownloadAsset.aspx?id=6442453614>

detailed account of 2016 ESPI program expenses in the requested format is provided in Table A.2 of Appendix A and summarized in Table C.1 of Appendix C.²²

Table 5 includes the calculation of the EAR Performance Award, including 2016 resource program expenditures and excluding administrative expenses.

Table 5 – EAR Performance Award

ESPI component	Component Cap	PY Eligible Expenditure	Multiplier	EAR Score	Award Amount
B. 2016 PY+1 EAR	\$9,152,415	\$298,875,182	3%	59.78 /100	\$5,360,028
EAR Performance Award Request					\$5,360,028

C. Codes and Standards Program Management Fees

The Codes and Standards (C&S) program component of the ESPI incentive mechanism is calculated by using approved C&S program expenditures (not to exceed authorized expenditures) and excluding administrative costs.²³ Table 6 includes the total 2016 PG&E eligible C&S program expenditures (excluding administrative expenses), the C&S award component cap, and PG&E's requested award. Actual C&S expenditures marginally exceeded the 2015 C&S budget approved in D.14-10-046, which was also the basis for PG&E's 2016 C&S budget. As a result, the eligible expenditures for C&S were limited to the authorized expenditures less administrative expenditures.

Table 6 – Codes and Standards

ESPI component	Component Cap	PY Eligible Expenditure	Multiplier	Award Amount
C. 2016 PY+1 Codes & Standards	\$1,752,163	\$14,495,540	12%	\$1,739,465
Codes and Standards Program Management Fees Request				\$1,739,465

²² Appendix A: Table A.2 contains 146 rows and 46 columns of data. Due to its size, it will be made available on PG&E's website in Microsoft Excel format instead of being directly attached to this advice letter. Instructions to access Appendix A are included on the List of Appendices page of Attachment 1.

²³ D.13-09-023 OP3 and OP15.

D. Non-Resource Program Management Fees

The non-resource program component of the incentive mechanism is calculated as a management fee equal to 3% of non-resource program expenditures, not to exceed authorized expenditures for these programs (excluding administrative costs).²⁴

Table 7 summarizes the total 2016 PG&E eligible non-resource program expenditures (excluding administrative expenses), consistent with the expense reporting shown in Appendix C Table C.1.

Table 7 – Non-Resource Component

ESPI component	Component Cap	PY Expenditure	Multiplier	Award Amount
D. 2016 PY+1 Non-Resource	\$709,323	\$23,566,252	3%	\$706,988
Non-Resource Program Management Fee Request				\$706,988

V. Utility Audit, Finance and Compliance Branch 2015 EE Audit True Ups

During 2016, the Commission's UAFCB examined PG&E's financial, management, regulatory, and compliance areas of EE programs for the 2015 PY, and issued a memorandum²⁵ that included observations and recommendations impacting the ESPI award calculation. In response to Observations 15, 18, 19, 23, 26, 29, and 32 in the UAFCB's memorandum, the UAFCB recommends that the amounts included in Table 8 are deducted from PG&E's 2015 program expenses and trued up as appropriate in the processing of this advice letter.

²⁴ D.13-09-023 OP3 and OP16.

²⁵ CPUC Report dated July 31, 2017: Financial, Management, Regulatory, and Compliance Examination Report on Pacific Gas and Electric Company's (PG&E's) Energy Efficiency (EE) Programs for the Period January 1, 2015 through December 31, 2015.

Table 8 – UAFCB True Up

UAFCB ESPI true-up component	Audit PY Expenditure Correction	ESPI Eligible Expenses Adjustment*	Factor	Award True up Amount
Observation 23, 26, 29, 32: B. 2015 PY+1 EAR	\$(895,319)	\$(895,319)	3% x 40.84%	\$(10,969)
Observation 15: C. 2015 PY+1 C&S	\$(816,953)	\$0*	12%	\$0
Observation 18, 19: D. 2015 PY+1 Non-Resource	\$(3,148,339)	\$0*	3%	\$0
UAFCB 2016 Audit (Observation 15, 18, 19, 23, 26, 29, 32) True Up				\$(10,969)

*Resolution E-4807 capped the 2015 PY+1 C&S and Non-Resource award relative to the authorized expenses less administrative expenses. Reducing the actual 2015 expenses according to the UAFCB audit recommendation does not cause the actual expenses (less administrative expenses) to reduce below the authorized expenses (less administrative expenses), and as such does not cause the 2015 ESPI eligible expenses for C&S or Non-Resource Programs to change. See Table A.3 of Appendix A for more detail.

VI. RRIM Settlement Agreement Offset

On September 15, 2016, the Commission issued a Decision²⁶ that approved the Settlement Agreement in Rulemaking (R.) 09-01-019²⁷ regarding the former IOU energy efficiency incentive mechanism called the Risk/Reward Incentive Mechanism (RRIM). The Settlement Agreement requires PG&E to reduce its requests for future shareholder incentives by at least \$5.8 million per year for five years until it has offset a total of \$29.1 million.²⁸ The Settlement Agreement allows PG&E to expedite the offset by increasing the offset above the minimum amount.²⁹ The first offset of \$ 5.8 million was approved by the Commission in Resolution E-4807. PG&E seeks to offset the remaining balance of the settlement amount, \$23,292,011, in this Advice Letter. However, if Energy Division reduces PG&E's proposed award to an amount that is less than the offset, PG&E requests to reduce the offset for the RRIM Settlement to an amount that is not greater than the amount of the proposed award. PG&E's revised request is set forth in Table 9 below.

²⁶ D.16-10-008.

²⁷ *Order Instituting Rulemaking to Examine the Commission's Energy Efficiency Risk/Reward Incentive Mechanism*, re-opened by the Commission in September 2015.

²⁸ D.16-09-019, p. 2; OP 2.

²⁹ D.16-09-019, p. 3; Settlement Agreement, Sec. III.A.2.

Table 9 – RRIM Settlement Offset

ESPI incentive award requested	\$24,760,070
2016 RRIM Settlement Agreement offset	\$(23,292,011)
ESPI incentive award requested with offset included	\$1,468,059

VII. Cost Recovery

Upon approval of this advice letter, PG&E will record the approved award amount to the Customer Energy Efficiency Adjustment balancing accounts allocated 84% to electric and 16% to gas according to the 2017 electric and gas net benefit split approved by disposition of PG&E's 2017 EE budget advice letter³⁰ for recovery in rates through the next Annual Electric True-up and PPP Gas Surcharge advice letters, respectively.

Protests

Pursuant to CPUC General Order 96-B, Section 7.5.1, PG&E hereby requests the protest period be waived.

Effective Date

PG&E respectfully requests that this Tier 3 AL be approved no later than December 14, 2017, to allow PG&E to record this amount in electric and gas rates through the Annual Electric and Gas True-Up Advice Letters for rates effective January 1, 2018.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for R.13-11-005 and A. 17-01-013 et al. 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

³⁰ The CPUC approved PG&E AL 3753-G-D/4901-E-D on July 26, 2017.

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

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

Company name/CPUC Utility No. **Pacific Gas and Electric Company (ID U39 M)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Yvonne Yang

Phone #: (415) 973-2094

E-mail: Yvonne.Yang@pge.com and PGETariffs@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas

PLC = Pipeline

HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **3880-G-A/5136-E-A**

Tier: 3

Subject of AL: **Supplemental: Request of Pacific Gas and Electric Company for 2015 and 2016 Energy Efficiency Incentive Award**

Keywords (choose from CPUC listing): Energy Efficiency

AL filing type: Monthly Quarterly Annual One-Time Other _____

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: _____

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: _____

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for: No

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: **December 14, 2017**

No. of tariff sheets: N/A

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

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

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

Tariff schedules affected: N/A

Service affected and changes proposed: N/A

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

Energy Division

EDTariffUnit

505 Van Ness Ave., 4th Flr.

San Francisco, CA 94102

E-mail: EDTariffUnit@cpuc.ca.gov

Pacific Gas and Electric Company

Attn: Erik Jacobson

Director, Regulatory Relations

c/o Megan Lawson

77 Beale Street, Mail Code B13U

P.O. Box 770000

San Francisco, CA 94177

E-mail: PGETariffs@pge.com

Attachment 1
List of Appendices

ATTACHMENT 1

LIST OF APPENDICES

The appendices listed below will be available on PG&E's website by the close of business September 28, 2017.

Or the documents can be accessed as follows:

- 1) Go to: <https://pgera.azurewebsites.net/Regulation/search>
- 2) Click on "Search" under Public Case Documents"
- 3) Select "Energy Efficiency 2015 and Beyond Rolling Portfolios" from the dropdown menu
- 4) Select "PGE" under Party and "9/28/2017" under Date to narrow the search criteria
- 5) Click Search

APPENDIX A (accessible via directions above):

- Detailed 2016 Ex-Ante ESPI Data workbook
 - Table A.1 - Ex-Ante Savings Data
 - Table A.2 - Program Expenditure Data
 - Table A.3 - UAFCB Audit True up
 - Additional supporting sheets used to populate Table A.1 that are not directly referenced in this Advice Letter.
 - Workbook format versions of Appendix B and Appendix C tables.

APPENDIX B (directly attached):

- Table B.1 – 2016 Ex-Ante Locked Down ESPI Data

APPENDIX C (directly attached):

- Table C.1 - 2016 ESPI Expenditures Summary

Appendix B

Table B.1 2016 Ex-Ante Locked Down ESPI Data

APPENDIX B | Table B.1 2016 Ex-Ante Locked Down ESPI Data

Source: 2016 Annual Report tracking data uploaded via CEDARS on 5/24/2017

Note: This is a summary table of Deemed Certain savings for claims eligible for the Resource savings award for PY 2016 Activity.

Install Year	2016
ESPI Claim Group	Deemed Certain

ProgramID	ProgramName	First Year Gross kWh	First Year Gross kW	First Year Gross therm	Lifecycle Gross kWh	Lifecycle Gross kW	Lifecycle Gross therm	Lifecycle Net kWh	Lifecycle Net kW	Lifecycle Net therm
PGE210011	RESIDENTIAL ENERGY FITNESS PROGRAM	140,614	22	(3,341)	1,449,846	193	(34,614)	1,060,306	145	(25,199)
PGE21002	PLUG LOAD AND APPLIANCES	16,331,567	2,713	77,457	165,031,157	27,247	886,888	92,762,418	15,424	479,991
PGE21004	ENERGY UPGRADE CALIFORNIA	1,455,872	1,565	176,772	14,604,322	15,750	2,452,289	10,257,712	11,048	1,719,407
PGE21006	RESIDENTIAL HVAC	75,897	111	7,949	1,138,456	1,666	159,250	855,384	1,251	120,501
PGE21009	DIRECT INSTALL FOR MANUFACTURED AND MOBILE HOMES	1,450,253	606	40,077	14,118,093	8,953	1,004,289	10,793,526	6,979	788,209
PGE210112	SCHOOL ENERGY EFFICIENCY	947,714	84	28,017	8,078,396	781	534,556	6,866,637	664	454,373
PGE210118	Retail Energy Efficiency	1,569,619	416	(9,230)	22,169,779	5,801	(130,422)	15,122,322	3,959	(88,954)
PGE21012	COMMERCIAL DEEMED INCENTIVES	53,382,084	12,500	743,044	626,718,462	149,169	15,611,118	413,199,015	98,795	9,244,299
PGE210123	HEALTHCARE ENERGY EFFICIENCY PROGRAM	325,120	55	(175)	1,625,600	273	(876)	975,360	164	(525)
PGE210126	K-12 PRIVATE SCHOOLS AND COLLEGES AUDIT RETRO	4,152,770	1,130	(44,868)	61,368,281	16,952	(661,689)	52,163,039	14,409	(562,436)
PGE210143	HOSPITALITY PROGRAM	1,134,589	170	1,892	13,947,258	2,093	43,254	8,368,355	1,256	25,952
PGE21015	COMMERCIAL HVAC	6,587,701	2,876	95,008	88,321,521	39,510	1,240,315	69,749,975	30,691	1,041,318
PGE21017	BOILER ENERGY EFFICIENCY PROGRAM	(6,225)	(0)	70,135	(124,504)	(5)	1,402,704	(74,702)	(3)	841,622
PGE21018	ENERGYSMART GROCER	10,122,463	1,323	301,712	70,204,455	9,521	1,290,884	42,753,947	5,812	774,726
PGE21022	INDUSTRIAL DEEMED INCENTIVES	887,845	262	(3,738)	13,895,057	4,056	(55,700)	9,631,176	2,805	(40,462)
PGE21027	HEAVY INDUSTRY ENERGY EFFICIENCY PROGRAM	3,877,473	2,158	82,422	20,514,068	11,064	1,650,606	12,549,490	6,705	989,368
PGE210312	Dairy and Winery Industry Efficiency Solutions	2,192,697	934	(44)	12,884,661	5,572	(712)	7,744,754	3,347	(498)
PGE21032	AGRICULTURAL DEEMED INCENTIVES	3,338,595	1,596	54,645	26,520,624	11,822	1,098,967	16,258,217	7,189	657,457
PGE21039	COMPREHENSIVE FOOD PROCESS AUDIT & RESOURCE EFFICIENCY PGM	461,294	266	99,634	2,306,469	1,330	1,992,671	1,383,881	798	1,195,603
PGE21041	PRIMARY LIGHTING	77,854,994	11,975	(1,357,484)	1,019,988,058	158,480	(17,574,207)	665,066,891	109,839	(10,604,177)
PGE2110051	LOCAL GOVERNMENT ENERGY ACTION RESOURCES (LGEAR)	2,653,940	513	(33,484)	35,870,530	7,176	(445,359)	22,365,997	4,491	(273,896)
PGE211007	ASSOCIATION OF MONTEREY BAY AREA GOVERNMENTS (AMBAG)	665,252	122	(4,810)	4,478,252	796	(30,003)	2,887,542	517	(19,122)
PGE211009	EAST BAY	3,089,282	721	(4,437)	25,216,854	5,988	(73,397)	17,107,087	4,064	(49,430)
PGE211010	FRESNO	1,537,761	309	(19,210)	23,891,360	4,859	(301,035)	15,149,218	3,088	(190,272)
PGE211011	KERN	1,789,763	359	(16,961)	23,042,772	4,620	(242,347)	14,802,011	2,962	(155,247)
PGE211012	MADERA	71,092	13	(852)	1,059,345	212	(13,345)	638,783	127	(8,005)
PGE211013	MARIN COUNTY	149,949	33	(1,646)	1,166,980	271	(13,155)	757,186	178	(8,142)
PGE211014	Mendocino/Lake County	23,594	5	(254)	265,891	53	(3,128)	161,093	32	(1,892)
PGE211015	NAPA COUNTY	16,234	3	(117)	182,115	33	(1,059)	109,501	20	(615)
PGE211016	REDWOOD COAST	289,385	63	(2,310)	2,963,973	635	(26,319)	1,894,652	407	(16,651)
PGE211018	SAN LUIS OBISPO COUNTY	448,793	94	(4,303)	6,062,235	1,246	(64,429)	3,966,625	815	(41,200)
PGE211019	SAN MATEO COUNTY	71,775	13	(335)	790,026	144	(3,381)	488,365	91	(2,100)
PGE211020	SANTA BARBARA	252,138	51	(1,755)	2,822,874	572	(22,901)	1,920,621	388	(16,138)
PGE211021	SIERRA NEVADA	498,724	119	(3,197)	6,328,494	1,547	(38,264)	4,909,276	1,218	(30,270)
PGE211022	SONOMA COUNTY	400,649	67	(2,694)	5,430,983	899	(34,348)	3,858,920	612	(20,653)
PGE211023	SILICON VALLEY	470,069	79	(2,803)	3,662,207	592	(17,887)	2,344,641	372	(11,060)
PGE211024	SAN FRANCISCO	1,684,673	360	(5,061)	14,794,013	3,058	(50,942)	9,226,510	1,928	(31,996)
Grand Total		200,396,010	43,686	255,656	2,342,788,964	502,928	9,528,271	1,540,075,730	342,588	6,133,884

Appendix C

Table C.1 2016 ESPI Expenditures Summary

PG&E APPENDIX C | Table C.1 2016 ESPI Expenditures Summary

line	Program ID	Program Name	ESPI Program Category	2016 Authorized/Forecasted Budget			Total 2016 Program Expenditures (inclusive of all budget-year funding sources)			
				2016 Authorized Budget [1]	2016 Decision Adopted Budget (EE: D.14-10-046) (SW ME&O:D.15-08-033, ESA:D.16.11.022)	2016 Administrative Cost Forecast (forecasted as per budget placemats)	Administrative Cost	Direct Implementation Non-Incentive	Direct Implementation Incentives & Rebates	Marketing, Education & Outreach
1	PGE_21001	Residential Energy Advisor	Resource	13,531,293	13,531,293	112,201	1,231,348	2,717,641	11,283,269	2,302,106
2	PGE_21002	Plug Load and Appliances	Resource	18,990,738	18,990,738	2,482,135	2,213,886	3,826,644	6,180,371	1,419,951
3	PGE_21003	Multifamily Energy Efficiency Rebates Pr	Resource	1,839,507	1,839,507	549,068	169,966	117,663	290,177	-
4	PGE_21004	Energy Upgrade California	Resource	14,321,139	13,998,809	976,742	1,211,045	5,239,241	17,517,351	738,506
5	PGE_21005	Residential New Construction	Resource	7,958,299	3,958,299	305,630	350,626	1,206,277	5,407,629	214,653
6	PGE_21006	Residential HVAC	Resource	9,628,860	9,475,734	851,270	784,346	3,919,440	8,365,577	523,698
7	PGE_21007	California New Homes Multifamily	Resource	3,801,408	3,801,408	108,073	329,960	1,011,494	256,269	175,054
8	PGE_21008	Enhance Time Delay Relay	Resource	2,061,601	2,061,601	210,292	187,005	517,007	1,893,675	79,244
9	PGE_21009	Direct Install for Manufactured and Mobi	Resource	4,325,292	4,325,292	585,439	434,248	185,766	2,865,401	152,191
10	PGE_21011	Commercial Calculated Incentives	Resource	31,815,093	25,132,514	2,630,265	3,277,870	8,633,421	6,251,677	1,101,531
11	PGE_210110	Monitoring-Based Persistence Commissioni	Resource	-	-	-	-	-	-	-
12	PGE_210111	LodgingSavers	Resource	-	5,044,780	1,259,095	-	-	-	-
13	PGE_210112	School Energy Efficiency	Resource	3,421,431	3,421,431	266,835	284,111	422,134	1,277,135	191,219
14	PGE_210113	Energy Fitness Program	Resource	2,940,737	2,940,737	588,982	240,601	224,741	-	147,837
15	PGE_210114	Energy Savers	Resource	1,329,057	1,329,057	126,149	110,526	101,779	-	89,992
16	PGE_210115	RightLights	Resource	5,211,807	5,211,807	797,858	446,636	426,490	-	216,802
17	PGE_210116	Small Business Commercial Comprehensive	Resource	-	-	-	-	-	-	-
18	PGE_210117	Energy-Efficient Parking Garage	Resource	-	-	-	-	-	-	-
19	PGE_210118	Furniture Store Energy Efficiency	Resource	1,414,293	1,414,293	75,551	130,455	474,607	739,709	103,572
20	PGE_210119	LED Accelerator	Resource	2,458,594	2,458,594	75,115	236,890	543,425	(397,549)	147,005
21	PGE_21012	Commercial Deemed Incentives	Resource	28,822,890	18,922,890	1,604,282	2,245,481	3,542,070	46,231,065	2,771,363
22	PGE_210120	Monitoring-Based Commissioning	Resource	-	-	-	-	-	-	-
23	PGE_210122	Casino Green	Resource	-	1,564,647	426,500	-	-	-	-
24	PGE_210124	Ozone Laundry Energy Efficiency	Resource	-	-	-	-	-	-	-
25	PGE_210125	California Preschool Energy Efficiency P	Resource	-	-	-	-	-	-	-
26	PGE_210123	Healthcare Energy Efficiency Program	Resource	1,189,849	1,189,849	115,717	121,253	535,252	163,943	115,516
27	PGE_210126	K-12 Private Schools and Colleges Audit	Resource	1,844,726	1,844,726	86,596	178,510	484,218	866,882	141,615
28	PGE_210127	Innovative Designs for Energy Efficiency Approaches (IDE	Resource	11,844,521	11,844,521	3,563,110	-	-	-	-
29	PGE_210128	Enovity SMART	Resource	-	-	-	79,793	110,848	67,612	45,877
30	PGE_210129	Nexant AERCx	Resource	-	-	-	63,171	109,688	36,390	68,139
31	PGE_210130	CLEAResult AERCx	Resource	-	-	-	123,506	(13,611)	94,700	62,295
32	PGE_210131	PECI AERCx	Resource	-	-	-	-	-	-	-
33	PGE_210132	RSG The Smarter Water Heater	Resource	-	-	-	-	-	-	-
34	PGE_210133	Staples Low Pressure Irrigation DI	Resource	-	-	-	727	57,715	-	4,769
35	PGE_210135	LINCUS WISE	Resource	-	-	-	316,075	1,889,645	554,018	101,753
36	PGE_210136	MCKINSTRY FUME HOODS	Resource	-	-	-	161	5,928	(32,117)	(86)
37	PGE_210138	PECI DATA CENTERS	Resource	-	-	-	56,398	140,737	10,923	43,102

line	Program ID	Program Name	ESPI Program Category	2016 Authorized/Forecasted Budget			Total 2016 Program Expenditures (inclusive of all budget-year funding sources)			
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38	PGE_21014	Commercial Energy Advisor	Resource	5,979,427	5,979,427	523,160	591,089	3,055,994	(990)	813,007
39	PGE_210140	MAZZETTI DGSS	Resource	-	-	-	97	-	-	-
40	PGE_210141	LINCUS CMMP	Resource	-	-	-	644	4,240	(1,996)	2,571
41	PGE_210142	AMERESCO IEEP	Resource	-	-	-	110	-	-	-
42	PGE_21015	Commercial HVAC	Resource	18,277,223	18,277,223	1,277,141	1,902,719	5,056,112	5,405,635	573,801
43	PGE_21016	Air Care Plus	Resource	3,784,067	3,784,067	446,299	(12,072)	(225,984)	(93,772)	(24,407)
44	PGE_21017	Boiler Energy Efficiency Program	Resource	2,086,213	2,086,213	325,726	185,868	386,077	225,196	120,327
45	PGE_21018	EnergySmart Grocer	Resource	7,456,460	7,456,460	1,360,919	737,877	2,779,451	2,052,626	396,963
46	PGE_21019	Enhanced Automation Initiative	Resource	-	-	-	6,286	33,524	-	2,095
47	PGE_21021	Industrial Calculated Incentives	Resource	9,712,285	8,712,285	536,097	807,290	2,805,787	2,281,215	531,372
48	PGE_210210	Industrial Recommissioning Program	Resource	1,372,850	1,372,850	160,105	180,640	897,789	165,053	106,952
49	PGE_21022	Industrial Deemed Incentives	Resource	794,316	794,316	49,825	134,471	407,726	2,276,847	163,530
50	PGE_21024	Industrial Energy Advisor	Resource	2,205,773	2,205,773	67,229	281,762	770,405	(510)	203,108
51	PGE_21025	California Wastewater Process Optimizati	Resource	995,518	995,518	111,184	140,563	329,177	145,398	29,270
52	PGE_21026	Energy Efficiency Services for Oil Produ	Resource	4,475,267	4,475,267	652,556	447,742	638,597	368,324	56,000
53	PGE_21027	Heavy Industry Energy Efficiency Program	Resource	11,067,518	11,067,518	990,983	1,269,360	3,841,446	3,563,279	164,938
54	PGE_21028	Industrial Compressed Air Program	Resource	1,678,196	1,678,196	164,519	(574)	(16,454)	37,953	(2,290)
55	PGE_21029	Refinery Energy Efficiency Program	Resource	1,310,269	1,310,269	141,494	174,143	388,068	(19,897)	48,915
56	PGE_21031	Agricultural Calculated Incentives	Resource	10,240,375	10,240,375	1,045,638	1,117,737	2,212,235	1,789,269	644,005
57	PGE_210310	Dairy Industry Resource Advantage Pgm	Resource	-	1,480,754	110,556	-	-	-	-
58	PGE_210311	Process Wastewater Treatment EM Pgm for	Resource	1,065,359	1,065,359	92,613	103,744	240,308	86,987	45,602
59	PGE_21032	Agricultural Deemed Incentives	Resource	3,815,997	3,815,997	392,851	358,298	477,874	7,172,295	59,782
60	PGE_21034	Agricultural Energy Advisor	Resource	4,259,648	4,259,648	326,250	517,287	2,322,247	1,286,463	123,145
61	PGE_21035	Dairy Energy Efficiency Program	Resource	472,638	472,638	87,865	143	1,014	-	(0)
62	PGE_21036	Industrial Refrigeration Performance Plu	Resource	1,419,916	1,419,916	83,588	123,685	184,614	(187,371)	39,271
63	PGE_21037	Light Exchange Program	Resource	1,046,700	1,046,700	353,181	209	542	-	-
64	PGE_21038	Wine Industry Efficiency Solutions	Resource	-	1,677,221	159,845	-	-	-	-
65	PGE_21039	Comprehensive Food Process Audit & Resou	Resource	1,064,504	1,064,504	137,449	189,769	978,280	433,759	191,802
66	PGE_21041	Primary Lighting	Resource	11,188,130	11,188,130	982,064	1,031,295	573,637	9,667,636	606,513
67	PGE_21074	Builder Energy Code Training	Non-Resource	-	-	-	-	-	-	-
68	PGE_21075	Green Building Technical Support Service	Non-Resource	-	-	-	-	-	-	-
69	PGE_21091	On-Bill Financing	Resource	3,537,010	3,537,010	818,666	456,128	1,774,815	-	884,108
70	PGE_21092	Third-Party Financing	Resource	2,031,703	2,031,703	12,500	262,892	263,496	-	316,377
71	PGE_21093	New Financing Offerings	Resource	-	-	-	131,497	2,506,296	-	616,595
72	PGE_2110011	California Community Colleges	Resource	3,495,392	3,495,392	241,284	350,475	1,571,453	1,008,882	5,788
73	PGE_2110012	University of California/Cal State Univ	Resource	11,801,373	11,801,373	2,045,275	1,482,356	1,919,063	741,237	17,609
74	PGE_2110013	State of California	Resource	1,423,968	1,423,968	180,367	223,088	208,177	163,696	2,849
75	PGE_2110014	Department of Corrections and Rehab	Resource	3,199,909	3,199,909	513,008	492,624	494,025	403,852	5,315

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76	PGE_2110051	Local Govt Energy Action Resources LGEAR	Resource	5,500,535	5,500,535	1,091,771	975,127	3,654,060	3,644,481	620,587
77	PGE_211007	Association of Monterey Bay Area Govts	Resource	3,581,301	3,581,301	699,687	430,573	1,134,443	1,742,667	165,237
78	PGE_211009	East Bay	Resource	9,262,008	9,262,008	1,303,323	1,299,988	2,736,015	2,369,095	192,839
79	PGE_211010	Fresno	Resource	3,846,492	3,846,492	750,290	457,545	953,321	1,182,753	104,538
80	PGE_211011	Kern	Resource	3,194,412	3,194,412	635,591	379,713	979,973	1,040,654	96,942
81	PGE_211012	Madera	Resource	445,314	445,314	75,774	73,821	115,583	114,528	10,596
82	PGE_211013	Marin County	Resource	1,334,743	1,334,743	294,899	187,870	791,029	217,637	24,923
83	PGE_211014	Mendocino County	Resource	322,506	322,506	67,471	97,355	304,911	241,867	22,424
84	PGE_211015	Napa County	Resource	549,632	549,632	101,249	78,684	189,829	141,398	29,978
85	PGE_211016	Redwood Coast	Resource	1,556,910	1,556,910	307,844	231,473	825,327	221,961	54,227
86	PGE_211018	San Luis Obispo County	Resource	936,840	936,840	207,596	177,752	501,454	447,933	42,322
87	PGE_211019	San Mateo County	Resource	1,744,567	1,744,567	332,107	230,085	891,605	609,947	267,616
88	PGE_211020	Santa Barbara	Resource	1,184,837	1,184,837	218,099	150,084	367,411	303,701	31,496
89	PGE_211021	Sierra Nevada	Resource	2,560,460	2,560,460	435,852	345,074	989,842	792,204	62,703
90	PGE_211022	Sonoma County	Resource	1,709,718	1,709,718	320,723	233,583	726,513	626,483	61,298
91	PGE_211023	Silicon Valley	Resource	4,074,436	4,074,436	611,363	468,815	1,537,286	1,847,520	80,600
92	PGE_211024	San Francisco	Resource	7,832,558	7,832,558	1,559,145	878,907	3,243,799	2,209,938	706,740
93	PGE_211025	Savings By Design	Resource	10,637,119	10,237,119	1,312,461	968,615	2,018,402	3,334,478	413,017
94	PGE_210143	Hospitality Program	Resource	6,609,426	-	-	1,494,088	3,871,269	3,568,286	815,110
95	PGE_210312	Dairy & WIES	Resource	3,157,975	-	-	340,349	1,859,900	1,019,676	170,739
96	PGE_210011	Residential Energy Fitness Program	Resource	-	-	-	86,750	165,223	276,651	46,719
97	PGE_210212	Ind Compressed Air Systems Efficiency	Resource	-	-	-	27,690	89,149	87,236	41,654
98	PGE_210213	Small Petrochemical EE Program	Resource	-	-	-	78,742	15,679	-	1,869
99	PGE_210211	Light Industrial Energy Efficiency Prog	Resource	-	-	-	4,772	34,721	-	8,451
100	PGE_21013	Commercial Continuous Energy Improvement	Non-Resource	491,754	491,754	45,602	61,786	792,914	-	134,076
101	PGE_210134	ICF BESO	Non-Resource	-	-	-	8,571	27,020	-	10,624
102	PGE_210137	WAYPOINT CONNECT	Resource	-	-	-	181,233	348,206	-	69,149
103	PGE_210139	SEI ENERGIZE SCHOOLS	Resource	-	-	-	78,391	389,459	-	49,831
104	PGE_21023	Industrial Continuous Energy Improvement	Non-Resource	226,407	226,407	23,686	88,209	240,402	-	64,420
105	PGE_21033	Agricultural Continuous Energy Improveme	Non-Resource	506,988	506,988	48,782	45,065	148,437	-	4,127
106	PGE_21042	Lighting Innovation	Non-Resource	1,692,692	1,692,692	397,798	165,782	307,062	8,524	188,305
107	PGE_21043	Lighting Market Transformation	Non-Resource	670,738	670,738	129,490	68,868	109,783	-	5,451
108	PGE_21061	Technology Development Support	Non-Resource	452,119	452,119	44,650	85,401	653,969	-	8,308
109	PGE_21062	Technology Assessments	Non-Resource	3,073,632	3,073,632	319,767	281,123	1,478,607	-	56,027
110	PGE_21063	Technology Introduction Support	Non-Resource	2,766,325	2,766,325	281,001	159,211	3,047,386	-	51,027
111	PGE_21071	Centergies	Non-Resource	9,721,801	9,721,801	231,719	673,053	7,220,643	-	2,531
112	PGE_21072	Connections	Non-Resource	2,150,604	2,150,604	5,952	109,665	1,645,947	-	-
113	PGE_21073	Strategic Planning	Non-Resource	688,937	688,937	23,603	76,532	437,843	-	-

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114	PGE_21081	Statewide DSM Coordination & Integration	Non-Resource	714,617	714,617	88,805	78,766	371,432	-	(44)
115	PGE_2110052	Strategic Energy Resources	Non-Resource	2,764,003	2,764,003	635,659	452,332	7,093,480	-	87,346
116	PGE_21051	Building Codes Advocacy	C&S	4,482,917	4,482,917	232,210	264,232	3,823,807	-	(755)
117	PGE_21052	Appliance Standards Advocacy	C&S	4,407,361	4,407,361	209,278	247,857	5,402,536	-	-
118	PGE_21053	Compliance Improvement	C&S	3,870,071	3,870,071	174,088	195,587	3,987,177	-	-
119	PGE_21054	Reach Codes	C&S	1,429,957	1,429,957	52,196	31,641	566,295	-	-
120	PGE_21055	Planning and Coordination	C&S	1,144,942	1,144,942	66,117	31,439	463,873	-	36,350
121	PGE_21056	Code Readiness	C&S	-	-	-	68,952	496,178	-	-
122	PGE_BAYREN	Bay Area Regional Energy Authority	Not Applicable	16,537,000	12,837,000	-	n/a	n/a	n/a	n/a
123	PGE_MEA	Marin Energy Authority	Not Applicable	1,586,347	1,220,267	-	n/a	n/a	n/a	n/a
124	PGE_EM&V	EM&V - IOU	Not Applicable	5,003,450	5,003,450	-	n/a	n/a	n/a	n/a
125	CPUC_EM&V	EM&V - CPUC Staff	Not Applicable	12,200,968	12,200,968	-	n/a	n/a	n/a	n/a
126	PGE_21091L	OBF Loan Pool (Total Collections independent of issued loans)	Not Applicable	10,000,000	10,000,000	-	n/a	n/a	n/a	n/a
127		SW ME&O (Energy Efficiency portion only)	Not Applicable	8,445,775	6,064,811	-	n/a	n/a	n/a	n/a
128		Energy Savings Assistance Program (ESA)	Not Applicable	163,946,778	163,946,778	-	n/a	n/a	n/a	n/a

[1] 2016 Adopted Program Budget includes \$22.458 million of pre-2013 unspent funds, approved in Advice Letter 3752-G-B/4905-E-B dated November 2, 2016. Budget also includes a one-time increase of \$3.7 million for BayREN authorized in Advice Letter

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

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