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**BEFORE THE  
PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Application of Pacific Gas and Electric Company for Compliance Review of Utility Owned Generation Operations, Electric Energy Resource Recovery Account Entries, Contract Administration, Economic Dispatch of Electric Resources, Utility Owned Generation Fuel Procurement, Diablo Canyon Seismic Studies Balancing Account, and Other Activities for the Period January 1 through December 31, 2015

(U 39 E)

A1602019  
Application 16-02-\_\_\_\_\_

**APPLICATION OF  
PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)  
FOR 2015 ENERGY RESOURCE RECOVERY ACCOUNT  
COMPLIANCE REVIEW AND RECOVERY OF COSTS ASSOCIATED WITH  
THE DIABLO CANYON SEISMIC STUDIES BALANCING ACCOUNT**

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February 29, 2016

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## ACRONYM LIST

<u>Acronym</u>	<u>Full Title</u>
A.	Application
A4NR	Alliance for Nuclear Responsibility
BPP	Bundled Procurement Plan
Commission	California Public Utilities Commission
CPUC	California Public Utilities Commission
CTC	Ongoing Competition Transition Charge
D.	Decision
DCPP	Diablo Canyon Nuclear Power Plant
DCSSBA	Diablo Canyon Seismic Studies Balancing Account
ERRA	Energy Resource Recovery Account
FF&U	Franchise Fees and Uncollectibles
GTSR	Green Tariff Shared Renewables
GTSRMA	Green Tariff Shared Renewables Memorandum Account
LTSP	Long Term Seismic Program
MTCBA	Modified Transition Cost Balancing Account
OP	Ordering Paragraph
ORA	Office of Ratepayer Advocates
PG&E	Pacific Gas and Electric Company
QF	Qualifying Facility
RPSCMA	Renewable Portfolio Standard Cost Memorandum Account
SCE	Southern California Edison Company
SDG&E	San Diego Gas & Electric Company
STARS	Strategic Teaming and Resource Sharing
UOG	Utility-Owned Generation

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**I. INTRODUCTION**

Pacific Gas and Electric Company (“PG&E”) submits this Application for Energy Resource Recovery Account (“ERRA”) compliance review for the record period January 1 through December 31, 2015, pursuant to California Public Utilities Code Section 454.5(d), Rules 2.1 and 3.2 of the Rules of Practice and Procedure of the California Public Utilities Commission (“Commission”), and relevant Commission decisions. PG&E respectfully requests that the Commission find that during the record period PG&E made appropriate entries to its ERRA, the Diablo Canyon Seismic Studies Balancing Account (“DCSSBA”), and the Green Tariff Shared Renewables Memorandum Account (“GTSRMA”) and complied with its Commission-approved Bundled Procurement Plan (“BPP”) in the areas of fuel procurement, administration of power purchase contracts, greenhouse gas compliance instrument procurement, and least cost dispatch of electric generation resources. PG&E also requests that the

Commission approve the cost recovery proposed in PG&E's Prepared Testimony, which is being provided concurrent with this Application. Specifically, PG&E is seeking recovery of revenue requirements totaling \$6.84 million for the DCSSBA, which includes Franchise Fees and Uncollectibles ("FF&U").<sup>1</sup>

## II. BACKGROUND

In 2002, the California Legislature and the Commission established the regulatory framework for PG&E, Southern California Edison Company ("SCE"), and San Diego Gas & Electric Company ("SDG&E") (collectively, the "utilities") to resume electricity procurement, beginning January 1, 2003. Public Utilities Code Section 454.5(d)(2) provided for a procurement plan that would:

Eliminate the need for after-the-fact reasonableness reviews of an electrical corporation's actions in compliance with an approved procurement plan, including resulting electricity procurement contracts, practices, and related expenses. However, the commission may establish a regulatory process to verify and assure that each contract was administered in accordance with the terms of the contract, and contract disputes which may arise are reasonably resolved.

In Decision ("D.") 02-10-062, the Commission implemented Section 454.5(d) by establishing ERRA balancing accounts for PG&E and the other utilities, requiring the utilities to track fuel and purchased power revenues against actual recorded costs,<sup>2</sup> and to establish an

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<sup>1</sup> Currently, Green Tariff Shared Renewable ("GTSR") customers pay a Program Charge that includes program marketing and administrative expenses. Pursuant to D.15-01-051, PG&E's GTSR marketing and administration revenues and expenses are tracked via the GTSRMA and are subject to reasonableness review in this Application. GTSR Program administrative and marketing costs are currently being recovered from customers and thus PG&E is not seeking recovery of these costs in this proceeding.

<sup>2</sup> The ERRA records energy costs associated with serving bundled electric customers. These costs include post-2002 contracted resource costs, fuel costs of PG&E-owned generation resources, qualifying facility ("QF") and purchased power costs, and other electric procurement costs such as natural gas hedging and collateral costs. The Ongoing Competition Transition Charge ("CTC") forecast revenue requirement consists of the above-market costs associated with eligible contract arrangements entered into before December 20, 1995, and QF contract restructuring costs. Ongoing CTC costs are recorded in the Modified Transition Cost Balancing Account ("MTCBA").

annual ERRA compliance review for the previous year. Since D.02-10-062 was issued, the Commission has addressed PG&E's ERRA compliance applications in a number of proceedings.<sup>3</sup>

In D.12-01-033 and D.12-04-046, the Commission approved with modifications PG&E's 2010 BPP, covering the years 2012 through 2020. In D.15-10-031, which was issued on October 23, 2015, the Commission approved with modifications PG&E's 2014 BPP. Thus, during the record period, there were two separate BPPs in effect. The 2010 BPP was in effect from January 1, 2015 through October 22, 2015. The 2014 BPP was in effect from October 23, 2015 to December 31, 2015. The BPPs are the basis for PG&E's 2015 compliance activities.

The ERRA regulatory process includes two annual proceedings - the first is an annual ERRA *Compliance* proceeding to review the utility's compliance in the preceding year regarding energy resource contract administration, least-cost dispatch, fuel procurement, and the ERRA balancing account, and the second is an annual ERRA *Forecast* proceeding to adopt a forecast of the utility's electric procurement cost revenue requirement and electricity sales for the coming year. PG&E's last ERRA *Forecast* proceeding, for forecast year 2016, was filed as Application ("A.") 15-06-001 and was approved by the Commission in D.15-12-022.

### **III. STANDARD OF REVIEW AND COMMISSION REQUIREMENTS**

The Commission has issued a number of decisions discussing the standards of review for specific aspects of the utilities' ERRA Compliance applications, as well as requirements for additional information that should be included in ERRA Compliance applications. Below,

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<sup>3</sup> See D.05-04-036 (January through May 2003); D.05-07-015 (June through December 2003); D.05-11-007 (2004); D.06-12-009 (2005), D.07-11-027 (2006), D.08-10-002 (2007), D.09-12-002 (2008), D.11-07-039 (2009); D.13-10-041 (2010); D.14-01-011 (2011), D.15-05-006 (addressing least-cost dispatch issues from the 2010 ERRA compliance proceeding); and D.15-12-015 (modifying D.15-05-006).

PG&E provides an overview of the standards of review for this Application, as well as Commission requirements for additional information and materials to be included in PG&E's ERRA Compliance application.

**A. Least-Cost Dispatch**

In D.15-05-006, as modified by D.15-12-015, the Commission adopted, with minor modifications, the *Joint Utilities' Proposal for the Demonstration of Least-Cost Dispatch* beginning with the least-cost dispatch showing in this Application.<sup>4</sup> The Commission also required the utilities to include in their 2015 ERRA Compliance applications information identified in the *Metrics for Demand Response* proposed by the Office of Ratepayer Advocates ("ORA").<sup>5</sup> The Commission consolidated the joint utilities' proposal, with modifications, and ORA's demand response metrics in Attachment A to D.15-12-015. PG&E's showing in this Application is consistent with the Commission's requirements in D.15-05-006 and D.15-12-015.

In addition, PG&E and ORA entered into a settlement in the 2014 ERRA Compliance proceeding ("2014 ERRA Settlement") that included some agreements related to the least-cost dispatch and demand response showings in future ERRA Compliance proceedings.<sup>6</sup> Although the 2014 ERRA Settlement has not yet been approved by the Commission, PG&E is incorporating into the least-cost dispatch and demand response requirements from the settlement into this Application. The least-cost dispatch and demand response showing for the record period is included in Chapter 1 of PG&E's Prepared Testimony and the detailed workpapers associated with Chapter 1.

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<sup>4</sup> D.15-05-006, Ordering Paragraph ("OP") 1.

<sup>5</sup> *Id.*, OP 3.

<sup>6</sup> See *Pacific Gas and Electric Company's and the Office of Ratepayer Advocates' Motion for Approval of Settlement Motion for Approval of Proposed Settlement*, filed September 10, 2015 in A.15-02-023.

## **B. Utility-Owned Generation Operation**

With regard to the operation of utility-owned generation (“UOG”) resources, the Commission has applied a reasonable manager standard.<sup>7</sup> Under the reasonable manager standard, “utilities are held to a standard of reasonableness based upon the facts that are known or should have been known at the time. The act of the utility should comport with what a reasonable manager of sufficient education, training, experience, and skills using the tools and knowledge at his or her disposal would do when faced with a need to make a decision and act.”<sup>8</sup> The utility has the burden of proof to show that the reasonable manager standard has been met. For purposes of this Application, Chapters 2-4 of the Prepared Testimony and the corresponding workpapers satisfy PG&E’s burden of proof that it operated its UOG facilities in compliance with the Commission’s reasonable manager standard.

## **C. Contract Administration, Fuel Costs, and Hedging**

With regard to contract administration, the Commission reviews whether procurement contracts have been administered prudently and in compliance with the contract provisions.<sup>9</sup> In Chapter 8 of the Prepared Testimony and the corresponding workpapers, PG&E demonstrates that it prudently administered its contracts. In this Application, PG&E is also requesting that the Commission approve certain contract amendments entered into during the record period.<sup>10</sup> The contract amendments that PG&E is requesting approval of are identified in Section J of Chapter 8.

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<sup>7</sup> D.11-10-002 at p. 11.

<sup>8</sup> *Id.* at p. 11, n. 2 (quoting D.90-09-088, 37 CPUC 2d 488, 499 (1990)).

<sup>9</sup> D.11-07-039 at p. 9.

<sup>10</sup> D.06-12-009 at pp. 8-9 (authorizing PG&E to seek approval of contract amendments and modifications in the ERRR Compliance proceeding).

PG&E also recovers fuel costs associated with its UOG facilities, as well as some third-party contracts, through ERRA. In Chapter 6 of the Prepared Testimony, PG&E describes its fuel costs and demonstrates that it acted as a reasonable manager and consistent with its BPP authority with regard to fuel procurement during the record period. Chapter 6 also describes the electric portfolio hedging activities that occurred during 2015, and demonstrates that these activities were consistent with PG&E's hedging authority under the Commission-approved BPPs.

**D. Diablo Canyon Seismic Studies Balancing Account And Green Tariff Shared Renewables Program Memorandum Account**

In D.10-08-003, the Commission granted PG&E's request to comply with the California Energy Commission's recommendation to perform additional seismic studies in and around the Diablo Canyon Nuclear Power Plant ("DCPP") as a part of the relicensing process. On September 13, 2012, the Commission approved D.12-09-008 which: (1) authorized PG&E to record and recover its actual costs of implementing DCPP seismic activities;<sup>11</sup> and (2) directed PG&E to recover balances in the DCSSBA (*i.e.*, the Diablo Canyon Seismic Studies Balancing Account), including balances recorded in the Independent Peer Review Panel subaccount, in PG&E's annual ERRA Compliance proceedings.<sup>12</sup> PG&E is required to provide support for the amounts actually incurred and recorded in the DCSSBA, and show that these amounts are consistent with PG&E's request in its seismic studies application (*i.e.*, A.10-01-014).<sup>13</sup> In Chapter 5 of PG&E's Prepared Testimony and the corresponding workpapers, PG&E provides an accounting of amounts actually incurred and recorded in the DCSBBA for the record period,

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<sup>11</sup> D.12-09-008 at OP 1.

<sup>12</sup> *Id.* at OPs 4 and 10.

<sup>13</sup> *Id.*

and demonstrates that the amounts are consistent with PG&E's request to conduct seismic studies and other related activities in A.10-01-014.

In D.14-08-032, the Commission directed that costs associated with PG&E's Long Term Seismic Program ("LTSP") be transferred to the DCSSBA and that the LTSP costs be reviewed as part of the ERRA compliance review.<sup>14</sup> Chapter 5 also includes a discussion of the LTSP costs and demonstrates that these costs are reasonable and should be recovered through the DCSSBA.

In D.15-01-051, the Commission approved the GTSR Programs for PG&E, SCE, and SDG&E. As part of that, for each utility the Commission established a GTSRMA (*i.e.*, the Green Tariff Shared Renewables Memorandum Account) to cover administrative and marketing costs associated with the utility's GTSR program.<sup>15</sup> The reasonableness of costs recorded in a utility's GTSRMA are subject to review in the utility's ERRA compliance proceedings.<sup>16</sup> Chapter 11 of the Prepared Testimony describes the amounts incurred and recorded in PG&E's GTSRMA during the record period, and demonstrated that they were reasonably incurred.

#### **E. Additional ERRA Application Requirements**

In recent years, a number of Commission decisions have required specific items to be included in ERRA Compliance applications. In addition to the items described above, PG&E is providing in its Prepared Testimony and/or workpapers the following information consistent with Commission directives:

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<sup>14</sup> D.14-08-032 at p. 411.

<sup>15</sup> D.15-01-051 at pp. 112-15.

<sup>16</sup> D.15-01-051 at p. 113.

Item	Source of Requirement	Location in Prepared Testimony or Workpapers
Fuelco information	D.05-09-006, Attachment A (Settlement Agreement, ¶ 4)	Prepared Testimony, Chapter 6
Include a “high level discussion of [PG&E’s] internal procedures and controls for ensuring compliance with Commission-approved hedging plans.”	D.11-07-039, OP 3	Prepared Testimony, Chapter 6
STARS Alliance activities and operating costs	D.12-05-010, OP 3	Prepared Testimony, Chapter 6
Provision of a draft audit plan to ORA in November and meetings to review the draft audit plan	D.14-01-011, Attachment A, §2.4.1	Provided to ORA on December 3, 2015
Review and document material changes to LCD business processes	D.14-01-011, Attachment A, §2.4.2	Prepared Testimony, Chapter 1 and associated workpapers
Document review and justify changes to LCD models	D.14-01-011, Attachment A, §2.4.2	Prepared Testimony, Chapter 1 and associated workpapers
Audit of ERRA balancing account	D.14-01-011, Attachment A, §2.4.3	Not applicable <sup>17</sup>
PG&E will address UOG outages and associated fuel costs, if applicable, in future ERRA Compliance proceedings	D.14-01-011, Attachment A, §2.4.4	Prepared Testimony, Chapters 2-4, 6 and associated workpapers
Include LTSP costs in DCSSBA for review in ERRA compliance proceeding	D.14-08-032 at p. 411	Prepared Testimony, Chapters 5 and 14, and associated workpapers
Include LCD showing and metrics for economically triggered demand response programs	D.15-05-006 and D.15-12-015	Prepared Testimony, Chapter 1 and associated workpapers
Review GTSR Program administration and marketing costs for the record period	D.15-01-051 at p. 113	Prepared Testimony, Chapter 11 and associated workpapers

<sup>17</sup> The ERRA balancing account audit is only required every four (4) years. Since the last audit was performed for the 2013 record period, the next audit will not be required until the 2017 record period.

As explained above, although the Commission has not yet approved the 2014 ERRA Settlement, PG&E has included in this Application the applicable settlement requirements identified in the table below:

<b>Item</b>	<b>Relevant Settlement Section(s)</b>	<b>Location in Prepared Testimony or Workpapers</b>
Specified Demand Response Program Metrics included in least cost dispatch chapter	Settlement Section 2.1	Prepared Testimony, Chapter 1
Evaluation of price forecast accuracy for all days of record period	Settlement Section 2.3	Prepared Testimony, Chapter 1 Workpapers
Description of decision-making process re use of proxy or registered costs for resources	Settlement Section 2.4	Prepared Testimony, Chapter 1
Information regarding resources that did not have bids submitted	Settlement Section 2.5	Prepared Testimony, Chapter 1 (non-specific, non-confidential); Workpapers (specific, confidential)
Definition of “operational constraints” as a reason not to dispatch when DR program economic triggers are met	Settlement Section 3.2	Prepared Testimony, Chapter 1
General set of guidelines for situations in which “customer fatigue” may occur in connection with DR programs	Settlement Section 3.2	Prepared Testimony, Chapter 1
Definition of “opportunity cost” as a reason not to dispatch DR programs when economic triggers are met	Settlement Sections 3.6	Prepared Testimony, Chapter 1
Standard of Conduct 4 maximum disallowance amount	Settlement Section 5.3	Prepared Testimony, Chapter 13

#### **IV. OVERVIEW OF PREPARED TESTIMONY**

PG&E's Prepared Testimony in support of this Application, which is being served to ORA concurrent with the Application, consists of one exhibit, which is identified as Exhibit PG&E-1, which is the public version of PG&E's Prepared Testimony, and Exhibit PG&E-1C, which is the confidential version of PG&E's Prepared Testimony. Exhibit PG&E-1 is organized into fourteen chapters, and an appendix, as follows:

Chapter 1	Least Cost Dispatch and Economically Triggered Demand Response
Chapter 2	Utility-Owned Generation: Hydroelectric
Chapter 3	Utility-Owned Generation: Fossil and Other Generation
Chapter 4	Utility-Owned Generation: Nuclear
Chapter 5	Costs Incurred And Recorded In The Diablo Canyon Seismic Studies Balancing Account
Chapter 6	Generation Fuel Costs And Electric Portfolio Hedging
Chapter 7	Greenhouse Gas Compliance Instrument Procurement
Chapter 8	Contract Administration
Chapter 9	CAISO Settlements and Monitoring
Chapter 10	Demand Response Aggregator Managed Portfolio Agreement Administration
Chapter 11	Costs Incurred And Recorded in the Green Tariff Shared Renewables Memorandum Account
Chapter 12	Summary of ERRA Entries for the Record Period
Chapter 13	Maximum Potential Disallowance for Violating Standard of Conduct 4
Chapter 14	Cost Recovery and Revenue Requirements
Appendix A	Statements of Qualifications

This testimony, and the corresponding workpapers, demonstrate that during the record period January 1 through December 31, 2015, PG&E made appropriate entries to its ERRA,

DCSSBA, and GTSRMA, and complied with its BPP in the areas of fuel procurement for utility retained generation, administration of power purchase contracts, greenhouse gas compliance instrument procurement, and least cost dispatch of electric generation resources. In addition, PG&E satisfied the reasonable manager standard for the operation of its UOG facilities, and has demonstrated that the cost recovery proposal in Chapter 14 of its Prepared Testimony is just and reasonable and should be adopted. Finally, PG&E has demonstrated that the contract amendments described in Section J of Chapter 8 are reasonable, and thus should be approved by the Commission.

PG&E will provide a public (redacted) version of its Prepared Testimony to parties who request a copy and will also provide a confidential (unredacted) version (PG&E-1C) to parties who request a copy and execute a Non-Disclosure Agreement.

**V. INFORMATION REQUIRED BY THE COMMISSION'S RULES OF PRACTICE AND PROCEDURE STATUTORY AND OTHER AUTHORITY (RULE 2.1)**

PG&E files this Application pursuant to Sections 451, 454, 454.5, and 701 of the Public Utilities Code of the State of California, the Commission's Rules of Practice and Procedure, and prior decisions, orders and resolutions of the Commission, including, but not limited to, D.02-10-062, D.02-12-074, D.03-06-067, D.07-12-052, D.08-11-008, D.12-01-033, D.12-04-046, D.14-08-032, D.15-01-051, D.15-05-006, D.15-10-031, D.15-12-015, and Commission Resolutions concerning approval of or modifications to PG&E's 2010 and 2014 BPPs.

**A. Legal Name and Principal Place of Business (Rule 2.1(a))**

The legal name of the Applicant is Pacific Gas and Electric Company. PG&E's principal place of business is 77 Beale Street, San Francisco, California, 94105.

**B. Correspondence, Communications, and Service (Rule 2.1(b))**

All correspondence, communications, and service of papers regarding this Application should be directed to:

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Law Department  
Pacific Gas and Electric Company  
P.O. Box 7442 (B30A)  
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**C. Proposed Categorization (Rule 2.1(c))**

PG&E proposes that this Application be categorized as a ratesetting proceeding.

**D. Need for Hearings (Rule 2.1(c))**

PG&E anticipates that evidentiary hearings may be requested by other parties to this proceeding, but the need for evidentiary hearings will depend on the degree to which and grounds on which other parties might contest the proposals contained in this Application. While PG&E hopes to resolve the issues raised in this Application without hearings, such as through more informal procedures including discovery, evidentiary hearings may be necessary.

**E. Issues to Be Considered (Rule 2.1(c))**

PG&E proposes that the following issues be considered in this proceeding for the 2015 record period:

1. Did PG&E administer and manage its UOG facilities prudently;
2. Did PG&E prudently manage UOG outages and associated fuel costs;
3. Did PG&E prudently administer and manage its Qualifying Facility (“QF”) and non-QF contracts in accordance with the contracts’ provisions;
4. Are the amendments in Chapter 8, Section J of PG&E’s prepared

testimony reasonable and should the costs associated with these amendments be recovered through ERRA;

5. Did PG&E achieve least-cost dispatch of its energy resources;
6. Were PG&E's entries in the ERRA for 2015 reasonable;
7. Were the costs incurred and recorded in the DCSSBA, including LTSP costs, in 2015 reasonable and did PG&E meet its burden of proof regarding its claim for cost recovery;
8. Were the costs incurred and recorded in the GTSRMA in 2015 reasonable; and,
9. Did PG&E's Greenhouse Gas Compliance Instrument procurement comply with the 2010 and 2014 BPPs.

**F. Relevant Safety Considerations (Rule 2.1(c))**

In D.16-01-017, the Commission amended Rule 2.1(c) requiring an applicant to identify all relevant safety considerations implicated by an Application to which the assigned Commissioners and presiding officer could refer to during the proceeding. In order to ensure that safety considerations have received full consideration by parties and the Commission, PG&E's Prepared Testimony includes specific discussions which detail PG&E's efforts to promote public safety: Chapters 2 and 3 discuss PG&E's commitment to safety at PG&E-owned generation facilities and Chapter 8 discusses PG&E's protocols and practices related to the administration of third-party power contracts. In addition, as the Commission explained in D.14-12-053, the "[s]afe and reliable provision of utilities at predictable rates promotes public safety."<sup>18</sup> Chapters 5-7, 9-12, and 14 of PG&E's Prepared Testimony demonstrate that the costs incurred by PG&E during the record period were reasonable, that the entries to the ERRA balancing account were appropriate, and that the seismic studies and GTSR Program administration costs incurred by PG&E are reasonable and result in predictable rates for customers.

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<sup>18</sup> D.14-12-053 at pp. 12-13.

**G. Procedural Schedule (Rule 2.1(c))**

PG&E has consulted with ORA and the Alliance for Nuclear Responsibility (“A4NR”) with respect to the procedural schedule, and ORA and A4NR have indicated that they do not oppose the following procedural schedule for this 2015 ERRA Compliance proceeding:

February 29, 2016	PG&E files Application
March 7, 2016	Notice of PG&E’s Application appears in Daily Calendar
April 6, 2016	Protests and Responses filed and served
April 18, 2016	Reply filed and served
May 19, 2016	Prehearing conference
June 17, 2016	ORA Report served and testimony from other intervenors (if any) served
July 22, 2016	PG&E’s Rebuttal testimony served
September 15-16, 2016	Evidentiary Hearings (if needed)
October 7, 2016	Concurrent Opening briefs filed
October 21, 2016	Concurrent Reply briefs filed
January 2017	Proposed Decision issued
February 2017	Final Decision

**H. Articles of Incorporation (Rule 2.2)**

PG&E is, and since October 10, 1905 has been, an operating public utility corporation organized under California law. It is engaged principally in the business of furnishing electric and gas services in California. A certified copy of PG&E’s Restated Articles of Incorporation, effective April 12, 2004, was filed with the Commission on May 3, 2004 with PG&E’s Application 04-05-005. These articles are incorporated herein by reference pursuant to Rule 2.2 of the Commission’s Rules.

**I. Authority to Increase Rates (Rule 3.2)**

This application requests an increase in electric rates and is not a general rate increase application, so Rule 3.2 applies except for subsections (4), (6), (7), (8), and (9) of Rule 3.2(a).

**J. Balance Sheet and Income Statement (Rule 3.2(a)(1))**

PG&E's Balance Sheet and Income Statements for the period ending December 31, 2015 are attached as Exhibit A of this Application.

**K. Statement of Presently Effective Rates (Rule 3.2(a)(2))**

PG&E's presently effective electric rates are attached hereto as Exhibit B of this Application.

**L. Statement of Proposed Increases or Changes In Rates (Rule 3.2(a)(3))**

Approval of this Application would increase electric rates for bundled service customers (those who receive electric generation as well as transmission and distribution service from PG&E) and for customers who purchase electricity from other suppliers (direct access and community choice aggregation) by less than one percent, therefore a statement setting forth PG&E's proposed increases or changes in electric rates is not required.

**M. Summary of Earnings (Rule 3.2(a)(5) and (6))**

The revenues, expenses, rate bases and rate of return for PG&E's Electric Department for the recorded year of 2014 are included in PG&E's Exhibit F, submitted in support of Application 15-09-001, and are incorporated herein by reference.

**N. Type of Rate Change Requested (Rule 3.2(a)(3) and (10))**

Results of Operations at proposed rates are not required since the proposed changes in revenues do not exceed one percent. This Application would result in a slight increase to system average bundled customer electric rates. The electric revenue requested increase over current electric revenue would result in a 0.05 percent or \$0.05 increase in monthly electric bills for a typical customer using 500 kilowatts per month, from \$97.14 to \$97.19. Individual customers' bills may differ.

**O. Notice to Governmental Entities (Rule 3.2 (b))**

Within twenty (20) days of filing this Application, PG&E will mail or send electronically a notice stating in general terms the proposed revenues, rate changes and ratemaking mechanisms requested in this Application to parties listed in Exhibit C of this Application, including the State of California and cities and counties served by PG&E.

**P. Publication (Rule 3.2(c))**

Within twenty (20) days of filing this Application, PG&E will publish in newspapers of general circulation in each county in its service territory a notice of filing.

**Q. Notice to Customers (Rule 3.2(d))**

Within 45 days of filing this Application, PG&E will include notices with the regular bills mailed to all customers affected by the proposed changes, and within twenty days of completion of mailing PG&E will file proof of compliance with Rule 3.2(e).

PG&E has served this Application on the official service lists for A.15-02-023 (2014 ERRA Compliance), A.11-11-019 (STARS Alliance exemption to affiliate transaction rules), A.10-01-014 (Diablo Canyon Seismic Studies), and A.12-01-008, *et al* (GTSR program application).

**VI. CONCLUSION**

WHEREFORE, PG&E respectfully requests that the Commission issue a decision in this proceeding that makes the following findings for the 2015 record period:

1. PG&E administered and managed its UOG facilities prudently;
2. PG&E prudently managed UOG outages and associated fuel costs;
3. PG&E prudently administered and managed its QF and non-QF contracts in accordance with the contracts' provisions;





# **EXHIBIT A**

**Pacific Gas and Electric Company**  
**CONSOLIDATED STATEMENTS OF INCOME**  
(in millions)

	<b>Year ended December 31,</b>		
	<b>2015</b>	<b>2014</b>	<b>2013</b>
<b>Operating Revenues</b>			
Electric	\$ 13,657	\$ 13,656	\$ 12,489
Natural gas	3,176	3,432	3,104
<b>Total operating revenues</b>	<b>16,833</b>	<b>17,088</b>	<b>15,593</b>
<b>Operating Expenses</b>			
Cost of electricity	5,099	5,615	5,016
Cost of natural gas	663	954	968
Operating and maintenance	6,949	5,635	5,742
Depreciation, amortization, and decommissioning	2,611	2,432	2,077
<b>Total operating expenses</b>	<b>15,322</b>	<b>14,636</b>	<b>13,803</b>
<b>Operating Income</b>	1,511	2,452	1,790
Interest income	8	8	8
Interest expense	(763)	(720)	(690)
Other income, net	87	77	84
<b>Income Before Income Taxes</b>	<b>843</b>	<b>1,817</b>	<b>1,192</b>
Income tax (benefit) provision	(19)	384	326
<b>Net Income</b>	<b>862</b>	<b>1,433</b>	<b>866</b>
Preferred stock dividend requirement	14	14	14
<b>Income Available for Common Stock</b>	<b>\$ 848</b>	<b>\$ 1,419</b>	<b>\$ 852</b>

See accompanying Notes to the Consolidated Financial Statements.

**Pacific Gas and Electric Company**  
**CONSOLIDATED BALANCE SHEETS**  
(in millions)

	<b>Balance at December 31,</b>	
	<b>2015</b>	<b>2014</b>
<b>ASSETS</b>		
<b>Current Assets</b>		
Cash and cash equivalents	\$ 59	\$ 55
Restricted cash	234	298
Accounts receivable		
Customers (net of allowance for doubtful accounts of \$54 and \$66 at respective dates)	1,106	960
Accrued unbilled revenue	855	776
Regulatory balancing accounts	1,760	2,266
Other	284	375
Regulatory assets	517	444
Inventories		
Gas stored underground and fuel oil	126	172
Materials and supplies	313	304
Income taxes receivable	130	168
Other	346	409
<b>Total current assets</b>	<b>5,730</b>	<b>6,227</b>
<b>Property, Plant, and Equipment</b>		
Electric	48,532	45,162
Gas	16,749	15,678
Construction work in progress	2,059	2,220
<b>Total property, plant, and equipment</b>	<b>67,340</b>	<b>63,060</b>
Accumulated depreciation	(20,617)	(19,120)
<b>Net property, plant, and equipment</b>	<b>46,723</b>	<b>43,940</b>
<b>Other Noncurrent Assets</b>		
Regulatory assets	7,029	6,322
Nuclear decommissioning trusts	2,470	2,421
Income taxes receivable	135	91
Other	1,053	864
<b>Total other noncurrent assets</b>	<b>10,687</b>	<b>9,698</b>
<b>TOTAL ASSETS</b>	<b>\$ 63,140</b>	<b>\$ 59,865</b>

See accompanying Notes to the Consolidated Financial Statements.

**Pacific Gas and Electric Company**  
**CONSOLIDATED BALANCE SHEETS**  
(in millions, except share amounts)

	<b>Balance at December 31,</b>	
	<b>2015</b>	<b>2014</b>
<b>LIABILITIES AND SHAREHOLDERS' EQUITY</b>		
<b>Current Liabilities</b>		
Short-term borrowings	\$ 1,019	\$ 633
Long-term debt, classified as current	160	-
Accounts payable		
Trade creditors	1,414	1,243
Regulatory balancing accounts	715	1,090
Other	418	444
Disputed claims and customer refunds	454	434
Interest payable	203	195
Other	1,750	1,604
<b>Total current liabilities</b>	<b>6,133</b>	<b>5,643</b>
<b>Noncurrent Liabilities</b>		
Long-term debt	15,680	14,700
Regulatory liabilities	6,321	6,290
Pension and other postretirement benefits	2,534	2,477
Asset retirement obligations	3,643	3,575
Deferred income taxes	9,487	8,773
Other	2,282	2,178
<b>Total noncurrent liabilities</b>	<b>39,947</b>	<b>37,993</b>
<b>Commitments and Contingencies (Note 13)</b>		
<b>Shareholders' Equity</b>		
Preferred stock	258	258
Common stock, \$5 par value, authorized 800,000,000 shares; 264,374,809 shares outstanding at respective dates	1,322	1,322
Additional paid-in capital	7,215	6,514
Reinvested earnings	8,262	8,130
Accumulated other comprehensive income	3	5
<b>Total shareholders' equity</b>	<b>17,060</b>	<b>16,229</b>
<b>TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY</b>	<b>\$ 63,140</b>	<b>\$ 59,865</b>

See accompanying Notes to the Consolidated Financial Statements.

## **EXHIBIT B**

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

RESIDENTIAL RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE E-1			1
2	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	2
3	ES UNIT DISCOUNT (\$/UNIT/MONTH)	\$1.81	\$1.81	3
4	ET UNIT DISCOUNT (\$/UNIT/MONTH)	\$5.73	\$5.73	4
5	ES/ET MINIMUM RATE LIMITER (\$/KWH)	\$0.04892	\$0.04892	5
6	ENERGY (\$/KWH)			6
7	TIER 1	\$0.18151	\$0.18151	7
8	TIER 2	\$0.21546	\$0.21546	8
9	TIER 3	\$0.27389	\$0.27389	9
10	TIER 4	\$0.34876	\$0.34876	10
11	TIER 5	\$0.34876	\$0.34876	11
12	SCHEDULE EL-1 (CARE)			12
13	MINIMUM BILL (\$/MONTH)	\$5.00	\$5.00	13
14	ENERGY (\$/KWH)			14
15	TIER 1	\$0.11674	\$0.11674	15
16	TIER 2	\$0.13944	\$0.13944	16
17	TIER 3	\$0.17897	\$0.17897	17

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

RESIDENTIAL RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE E-6 / EM-TOU			1
2	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	2
3	E-6 METER CHARGE (\$/MONTH)	\$7.70	\$7.70	3
4	ON-PEAK ENERGY (\$/KWH)			4
5	TIER 1	\$0.34105		5
6	TIER 2	\$0.37500		6
7	TIER 3	\$0.43254		7
8	TIER 4	\$0.50740		8
9	TIER 5	\$0.50740		9
10	PART-PEAK ENERGY (\$/KWH)			10
11	TIER 1	\$0.22578	\$0.17017	11
12	TIER 2	\$0.25974	\$0.20413	12
13	TIER 3	\$0.31727	\$0.26166	13
14	TIER 4	\$0.39213	\$0.33652	14
15	TIER 5	\$0.39213	\$0.33652	15
16	OFF-PEAK ENERGY (\$/KWH)			16
17	TIER 1	\$0.14900	\$0.15334	17
18	TIER 2	\$0.18297	\$0.18730	18
19	TIER 3	\$0.24049	\$0.24483	19
20	TIER 4	\$0.31535	\$0.31969	20
21	TIER 5	\$0.31535	\$0.31969	21
22	SCHEDULE EL-6 / EML-TOU			22
23	MINIMUM BILL (\$/MONTH)	\$5.00	\$5.00	23
24	EL-6 METER CHARGE(\$/MONTH)	\$6.16	\$6.16	24
25	ON-PEAK ENERGY (\$/KWH)			25
26	TIER 1	\$0.23354		26
27	TIER 2	\$0.25732		27
28	TIER 3	\$0.34906		28
29	PART-PEAK ENERGY (\$/KWH)			29
30	TIER 1	\$0.14904	\$0.10828	30
31	TIER 2	\$0.17282	\$0.13205	31
32	TIER 3	\$0.22600	\$0.16665	32
33	OFF-PEAK ENERGY (\$/KWH)			33
34	TIER 1	\$0.09276	\$0.09593	34
35	TIER 2	\$0.11654	\$0.11971	35
36	TIER 3	\$0.14404	\$0.14867	36

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

RESIDENTIAL RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE E-7			1
2	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	2
3	E-7 METER CHARGE (\$/MONTH)	\$3.51	\$3.51	3
4	RATE W METER CHARGE (\$/MONTH)	\$1.17	\$1.17	4
5	ON-PEAK ENERGY (\$/KWH)			5
6	TIER 1	\$0.37743	\$0.16293	6
7	TIER 2	\$0.41202	\$0.19750	7
8	TIER 3	\$0.47044	\$0.25593	8
9	TIER 4	\$0.54530	\$0.33080	9
10	TIER 5	\$0.54530	\$0.33080	10
11	OFF-PEAK ENERGY (\$/KWH)			11
12	TIER 1	\$0.12929	\$0.13289	12
13	TIER 2	\$0.16386	\$0.16746	13
14	TIER 3	\$0.22229	\$0.22589	14
15	TIER 4	\$0.29716	\$0.30076	15
16	TIER 5	\$0.29716	\$0.30076	16
17	SCHEDULE EL-7			17
18	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	18
19	EL-7 METER CHARGE(\$/MONTH)	\$0.00	\$0.00	19
20	ON-PEAK ENERGY (\$/KWH)			20
21	TIER 1	\$0.30727	\$0.12289	21
22	TIER 2	\$0.33319	\$0.14881	22
23	TIER 3	\$0.45644	\$0.18794	23
24	OFF-PEAK ENERGY (\$/KWH)			24
25	TIER 1	\$0.09398	\$0.09708	25
26	TIER 2	\$0.11989	\$0.12300	26
27	TIER 3	\$0.14582	\$0.15035	27
28	SCHEDULE E-8			28
29	CUSTOMER CHARGE (\$/MONTH)	\$12.53	\$12.53	29
30	ENERGY (\$/KWH)			30
31	TIER 1	\$0.18602	\$0.13540	31
32	TIER 2	\$0.20133	\$0.15071	32
33	TIER 3	\$0.25976	\$0.20913	33
34	TIER 4	\$0.33463	\$0.28400	34
35	TIER 5	\$0.33463	\$0.28400	35
36	SCHEDULE EL-8 (CARE)			36
37	CUSTOMER CHARGE (\$/MONTH)	\$10.02	\$10.02	37
38	ENERGY CHARGE (\$/KWH)			38
39	TIER 1	\$0.11992	\$0.08501	39
40	TIER 2	\$0.12977	\$0.09486	40
41	TIER 3	\$0.18359	\$0.13275	41

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

RESIDENTIAL RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE E-9: RATE A			1
2	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	2
3	E-9 METER CHARGE (\$/MONTH)	\$6.66	\$6.66	3
4	ON-PEAK ENERGY (\$/KWH)			4
5	TIER 1	\$0.36539		5
6	TIER 2	\$0.39998		6
7	TIER 3	\$0.49112		7
8	TIER 4	\$0.56599		8
9	TIER 5	\$0.56599		9
10	PART-PEAK ENERGY (\$/KWH)			10
11	TIER 1	\$0.15001	\$0.14989	11
12	TIER 2	\$0.18459	\$0.18446	12
13	TIER 3	\$0.27575	\$0.27562	13
14	TIER 4	\$0.35061	\$0.35048	14
15	TIER 5	\$0.35061	\$0.35048	15
16	OFF-PEAK ENERGY (\$/KWH)			16
17	TIER 1	\$0.08495	\$0.09489	17
18	TIER 2	\$0.11954	\$0.12946	18
19	TIER 3	\$0.12523	\$0.12522	19
20	TIER 4	\$0.20009	\$0.20009	20
21	TIER 5	\$0.20009	\$0.20009	21
22	SCHEDULE E-9: RATE B			22
23	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	23
24	E-9 METER CHARGE (\$/MONTH)	\$6.66	\$6.66	24
25	ON-PEAK ENERGY (\$/KWH)			25
26	TIER 1	\$0.36058		26
27	TIER 2	\$0.39517		27
28	TIER 3	\$0.48631		28
29	TIER 4	\$0.56118		29
30	TIER 5	\$0.56118		30
31	PART-PEAK ENERGY (\$/KWH)			31
32	TIER 1	\$0.14520	\$0.14562	32
33	TIER 2	\$0.17978	\$0.18019	33
34	TIER 3	\$0.27094	\$0.27136	34
35	TIER 4	\$0.34580	\$0.34622	35
36	TIER 5	\$0.34580	\$0.34622	36
37	OFF-PEAK ENERGY (\$/KWH)			37
38	TIER 1	\$0.09275	\$0.10189	38
39	TIER 2	\$0.12735	\$0.13646	39
40	TIER 3	\$0.21849	\$0.22763	40
41	TIER 4	\$0.29335	\$0.30250	41
42	TIER 5	\$0.29335	\$0.30250	42
43	SCHEDULE EV: RATE A			43
44	MINIMUM BILL (\$/MONTH)	\$10.00	\$10.00	44
45	ON-PEAK ENERGY (\$/KWH)	\$0.43757	\$0.30552	45
46	PART-PEAK ENERGY (\$/KWH)	\$0.23569	\$0.18443	46
47	OFF-PEAK ENERGY (\$/KWH)	\$0.10936	\$0.11211	47
48	SCHEDULE EV: RATE B			48
49	EV-B METER CHARGE (\$/MONTH)	\$1.50	\$1.50	49
50	ON-PEAK ENERGY (\$/KWH)	\$0.43163	\$0.29920	50
51	PART-PEAK ENERGY (\$/KWH)	\$0.23273	\$0.18127	51
52	OFF-PEAK ENERGY (\$/KWH)	\$0.10893	\$0.11166	52

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

SMALL L&P RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE A-1			1
2	CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.)	\$10.00	\$10.00	2
3	CUSTOMER CHARGE: POLYPHASE (\$/MO.)	\$20.00	\$20.00	3
4	ENERGY (\$/KWH)	\$0.23836	\$0.18335	4
.....				
5	SCHEDULE A-1 TOU			5
6	CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.)	\$10.00	\$10.00	6
7	CUSTOMER CHARGE: POLYPHASE (\$/MO.)	\$20.00	\$20.00	7
8	ENERGY (\$/KWH)			8
9	ON-PEAK	\$0.25368		9
10	PART-PEAK	\$0.23002	\$0.21039	10
11	OFF-PEAK ENERGY	\$0.20267	\$0.18948	11
.....				
12	SCHEDULE A-6			12
13	CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.)	\$10.00	\$10.00	13
14	CUSTOMER CHARGE: POLYPHASE (\$/MO.)	\$20.00	\$20.00	14
15	METER CHARGE (\$/MONTH)	\$6.12	\$6.12	15
16	METER CHARGE - RATE W (\$/MONTH)	\$1.80	\$1.80	16
17	METER CHARGE - RATE X (\$/MONTH)	\$6.12	\$6.12	17
18	ENERGY (\$/KWH)			18
19	ON-PEAK	\$0.54462		19
20	PART-PEAK	\$0.24779	\$0.19402	20
21	OFF-PEAK ENERGY	\$0.17620	\$0.17578	21
.....				
22	SCHEDULE A-15			22
23	CUSTOMER CHARGE (\$/MONTH)	\$10.00	\$10.00	23
24	FACILITY CHARGE (\$/MONTH)	\$25.00	\$25.00	24
25	ENERGY (\$/KWH)	\$0.23836	\$0.18335	25
.....				
26	SCHEDULE TC-1			26
27	CUSTOMER CHARGE (\$/MONTH)	\$10.00	\$10.00	27
28	ENERGY (\$/KWH)	\$0.17580	\$0.17580	28
.....				

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

MEDIUM L&P RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE A-10			1
2	CUSTOMER CHARGE (\$/MONTH)	\$140.00	\$140.00	2
3	MAXIMUM DEMAND CHARGE (\$/KW/MO)			3
4	SECONDARY VOLTAGE	\$16.37	\$9.00	4
5	PRIMARY VOLTAGE	\$15.45	\$9.29	5
6	TRANSMISSION VOLTAGE	\$9.59	\$6.27	6
7	ENERGY CHARGE (\$/KWH)			7
8	SECONDARY VOLTAGE	\$0.15943	\$0.12259	8
9	PRIMARY VOLTAGE	\$0.14958	\$0.11890	9
10	TRANSMISSION VOLTAGE	\$0.11561	\$0.09734	10
11	SCHEDULE A-10 TOU			11
12	CUSTOMER CHARGE (\$/MONTH)	\$140.00	\$140.00	12
13	MAXIMUM DEMAND CHARGE (\$/KW/MO)			13
14	SECONDARY VOLTAGE	\$16.37	\$9.00	14
15	PRIMARY VOLTAGE	\$15.45	\$9.29	15
16	TRANSMISSION VOLTAGE	\$9.59	\$6.27	16
17	ENERGY CHARGE (\$/KWH)			17
18	SECONDARY			18
19	ON PEAK	\$0.21428		19
20	PARTIAL PEAK	\$0.15915	\$0.13047	20
21	OFF-PEAK	\$0.13108	\$0.11341	21
22	PRIMARY			22
23	ON PEAK	\$0.20249		23
24	PARTIAL PEAK	\$0.15193	\$0.12857	24
25	OFF-PEAK	\$0.12530	\$0.11269	25
26	TRANSMISSION			26
27	ON PEAK	\$0.16542		27
28	PARTIAL PEAK	\$0.11854	\$0.10675	28
29	OFF-PEAK	\$0.09324	\$0.09218	29

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

E-19 FIRM RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
-----				
1	SCHEDULE E-19 T FIRM			1
2	CUSTOMER CHARGE > 500 KW (\$/MONTH)	\$1,800.00	\$1,800.00	2
3	CUSTOMER CHARGE < 500 KW (\$/MONTH)	\$1,800.00	\$1,800.00	3
4	TOU METER CHARGE - RATES V & X (\$/MONTH)	\$140.00	\$140.00	4
5	TOU METER CHARGE - RATE W (\$/MONTH)	\$140.00	\$140.00	5
6	DEMAND CHARGE (\$/KW/MONTH)			6
7	ON-PEAK	\$12.27		7
8	PARTIAL PEAK	\$3.08	\$0.00	8
9	MAXIMUM	\$7.16	\$7.16	9
10	ENERGY CHARGE (\$/KWH)			10
11	ON-PEAK	\$0.10091		11
12	PARTIAL-PEAK	\$0.08847	\$0.09042	12
13	OFF-PEAK	\$0.07199	\$0.07777	13
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14	SCHEDULE E-19 P FIRM			14
15	CUSTOMER CHARGE > 500 KW (\$/MONTH)	\$1,000.00	\$1,000.00	15
16	CUSTOMER CHARGE < 500 KW (\$/MONTH)	\$1,000.00	\$1,000.00	16
17	TOU METER CHARGE - RATES V & X (\$/MONTH)	\$140.00	\$140.00	17
18	TOU METER CHARGE - RATE W (\$/MONTH)	\$140.00	\$140.00	18
19	DEMAND CHARGE (\$/KW/MONTH)			19
20	ON-PEAK	\$16.68		20
21	PARTIAL PEAK	\$4.57	\$0.15	21
22	MAXIMUM	\$12.59	\$12.59	22
23	ENERGY CHARGE (\$/KWH)			23
24	ON-PEAK	\$0.13673		24
25	PARTIAL-PEAK	\$0.09877	\$0.09364	25
26	OFF-PEAK	\$0.07436	\$0.08039	26
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27	SCHEDULE E-19 S FIRM			27
28	CUSTOMER CHARGE > 500 KW (\$/MONTH)	\$600.00	\$600.00	28
29	CUSTOMER CHARGE < 500 KW (\$/MONTH)	\$600.00	\$600.00	29
30	TOU METER CHARGE - RATES V & X (\$/MONTH)	\$140.00	\$140.00	30
31	TOU METER CHARGE - RATE W (\$/MONTH)	\$140.00	\$140.00	31
32	DEMAND CHARGE (\$/KW/MONTH)			32
33	ON-PEAK	\$18.74		33
34	PARTIAL PEAK	\$5.23	\$0.13	34
35	MAXIMUM	\$15.86	\$15.86	35
36	ENERGY CHARGE (\$/KWH)			36
37	ON-PEAK	\$0.14683		37
38	PARTIAL-PEAK	\$0.10671	\$0.10122	38
39	OFF-PEAK	\$0.08014	\$0.08674	39
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PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

E-20 FIRM RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE E-20 T FIRM			1
2	CUSTOMER CHARGE (\$/MONTH)-FIRM	\$2,000.00	\$2,000.00	2
3	DEMAND CHARGE (\$/KW/MONTH)			3
4	ON-PEAK	\$15.75		4
5	PARTIAL PEAK	\$3.75	\$0.00	5
6	MAXIMUM	\$5.95	\$5.95	6
7	ENERGY CHARGE (\$/KWH)			7
8	ON-PEAK	\$0.09629		8
9	PARTIAL-PEAK	\$0.08416	\$0.08607	9
10	OFF-PEAK	\$0.06811	\$0.07374	10
11	SCHEDULE E-20 P FIRM			11
12	CUSTOMER CHARGE (\$/MONTH)	\$1,500.00	\$1,500.00	12
13	DEMAND CHARGE (\$/KW/MONTH)			13
14	ON-PEAK	\$19.34		14
15	PARTIAL PEAK	\$5.17	\$0.13	15
16	MAXIMUM	\$13.00	\$13.00	16
17	ENERGY CHARGE (\$/KWH)			17
18	ON-PEAK	\$0.13902		18
19	PARTIAL-PEAK	\$0.09877	\$0.09347	19
20	OFF-PEAK	\$0.07402	\$0.08010	20
21	SCHEDULE E-20 S FIRM			21
22	CUSTOMER CHARGE (\$/MONTH)	\$1,200.00	\$1,200.00	22
23	DEMAND CHARGE (\$/KW/MONTH)			23
24	ON-PEAK	\$18.14		24
25	PARTIAL PEAK	\$5.05	\$0.05	25
26	MAXIMUM	\$15.44	\$15.44	26
27	ENERGY CHARGE (\$/KWH)			27
28	ON-PEAK	\$0.13750		28
29	PARTIAL-PEAK	\$0.10098	\$0.09567	29
30	OFF-PEAK	\$0.07591	\$0.08209	30

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

OIL AND GAS EXTRACTION RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE E-37			1
2	CUSTOMER CHARGE (\$/MONTH)	\$36.36	\$36.36	2
3	TOU METER CHARGE - RATE W (\$/MONTH)	\$1.20	\$1.20	3
4	TOU METER CHARGE - RATE X (\$/MONTH)	\$6.00	\$6.00	4
5	ON PEAK DEMAND CHARGE (\$/KW/MO)	\$9.90		5
6	MAXIMUM DEMAND CHARGE (\$/KW/MO)			6
7	SECONDARY VOLTAGE	\$15.68	\$6.16	7
8	PRIMARY VOLTAGE DISCOUNT	\$1.70	\$0.19	8
9	TRANSMISSION VOLTAGE DISCOUNT	\$11.77	\$5.30	9
10	ENERGY (\$/KWH)			10
11	ON-PEAK	\$0.19990		11
12	PART-PEAK		\$0.10248	12
13	OFF-PEAK	\$0.08270	\$0.07453	13

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

STANDBY RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE S - TRANSMISSION			1
2	CONTRACT CAPACITY CHARGE (\$/KW/MO.)	\$1.29	\$1.29	2
3	EFFECTIVE RESERVATION CHARGE (\$/KW/MO.)	\$1.29	\$1.29	3
4	ENERGY (\$/KWH)			4
5	ON-PEAK	\$0.11819		5
6	PART-PEAK	\$0.10522	\$0.10726	6
7	OFF-PEAK	\$0.08805	\$0.09408	7
8	SCHEDULE S - PRIMARY			8
9	CONTRACT CAPACITY CHARGE (\$/KW/MO.)	\$5.21	\$5.21	9
10	EFFECTIVE RESERVATION CHARGE (\$/KW/MO.)	\$5.21	\$5.21	10
11	ENERGY (\$/KWH)			11
12	ON-PEAK	\$0.62235		12
13	PART-PEAK	\$0.30130	\$0.16850	13
14	OFF-PEAK	\$0.14026	\$0.14738	14
15	SCHEDULE S - SECONDARY			15
16	CONTRACT CAPACITY CHARGE (\$/KW/MO.)	\$5.21	\$5.21	16
17	EFFECTIVE RESERVATION CHARGE (\$/KW/MO.)	\$5.21	\$5.21	17
18	ENERGY (\$/KWH)			18
19	ON-PEAK	\$0.62138		19
20	PART-PEAK	\$0.30033	\$0.16753	20
21	OFF-PEAK	\$0.13929	\$0.14641	21

PACIFIC GAS AND ELECTRIC COMPANY  
PRESENT ELECTRIC RATES  
AS OF JANUARY 1, 2016

STANDBY RATES

LINE NO.	DESCRIPTION	1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE S CUSTOMER AND METER CHARGES			1
2	RESIDENTIAL			2
3	CUSTOMER CHARGE (\$/MO)	\$5.00	\$5.00	3
4	TOU METER CHARGE (\$/MO)	\$3.90	\$3.90	4
5	AGRICULTURAL			5
6	CUSTOMER CHARGE (\$/MO)	\$27.60	\$27.60	6
7	TOU METER CHARGE (\$/MO)	\$6.00	\$6.00	7
8	SMALL LIGHT AND POWER (less than or equal to 50 kW)			8
9	SINGLE PHASE CUSTOMER CHARGE (\$/MO)	\$20.00	\$20.00	9
10	POLY PHASE CUSTOMER CHARGE (\$/MO)	\$30.00	\$30.00	10
11	METER CHARGE (\$/MO)	\$6.12	\$6.12	11
12	MEDIUM LIGHT AND POWER (>50 kW, <500 kW)			12
13	CUSTOMER CHARGE (\$/MO)	\$140.00	\$140.00	13
14	METER CHARGE (\$/MO)	\$5.40	\$5.40	14
15	MEDIUM LIGHT AND POWER (>500kW)			15
16	TRANSMISSION CUSTOMER CHARGE (\$/MO)	\$1,800.00	\$1,800.00	16
17	PRIMARY CUSTOMER CHARGE (\$/MO)	\$1,000.00	\$1,000.00	17
18	SECONDARY CUSTOMER CHARGE (\$/MO)	\$600.00	\$600.00	18
19	LARGE LIGHT AND POWER (> 1000 kW)			19
20	TRANSMISSION CUSTOMER CHARGE (\$/MO)	\$2,000.00	\$2,000.00	20
21	PRIMARY CUSTOMER CHARGE (\$/MO)	\$1,500.00	\$1,500.00	21
22	SECONDARY CUSTOMER CHARGE (\$/MO)	\$1,200.00	\$1,200.00	22
23	REDUCED CUSTOMER CHARGES (\$/MO)			23
24	SMALL LIGHT AND PWR ( < 50 kW)	\$14.31	\$14.31	24
25	MED LIGHT AND PWR (Res Capacity >50 kW and <500 kW)	\$74.87	\$74.87	25
26	MED LIGHT AND PWR (Res Capacity > 500 kW and < 1000 kW)	\$1,206.88	\$1,206.88	26

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

AGRICULTURAL RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE AG-1A			1
2	CUSTOMER CHARGE (\$/MONTH)	\$17.47	\$17.47	2
3	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$8.24	\$1.58	3
4	ENERGY CHARGE (\$/KWH)	\$0.27545	\$0.20958	4
-----				
5	SCHEDULE AG-RA			5
6	CUSTOMER CHARGE - RATES A & D (\$/MONTH)	\$17.47	\$17.47	6
7	METER CHARGE - RATE A (\$/MONTH)	\$6.80	\$6.80	7
8	METER CHARGE - RATE D (\$/MONTH)	\$2.00	\$2.00	8
9	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$7.30	\$1.21	9
10	ENERGY (\$/KWH)			10
11	ON-PEAK	\$0.52344		11
12	PART-PEAK		\$0.18169	12
13	OFF-PEAK	\$0.17835	\$0.14731	13
-----				
14	SCHEDULE AG-VA			14
15	CUSTOMER CHARGE - RATES A & D (\$/MONTH)	\$17.47	\$17.47	15
16	METER CHARGE - RATE A (\$/MONTH)	\$6.80	\$6.80	16
17	METER CHARGE - RATE D (\$/MONTH)	\$2.00	\$2.00	17
18	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$7.33	\$1.25	18
19	ENERGY (\$/KWH)			19
20	ON-PEAK	\$0.48930		20
21	PART-PEAK		\$0.18311	21
22	OFF-PEAK	\$0.17526	\$0.14797	22
-----				
23	SCHEDULE AG-4A			23
24	CUSTOMER CHARGE - RATES A & D (\$/MONTH)	\$17.47	\$17.47	24
25	METER CHARGE - RATE A (\$/MONTH)	\$6.80	\$6.80	25
26	METER CHARGE - RATE D (\$/MONTH)	\$2.00	\$2.00	26
27	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$8.19	\$1.24	27
28	ENERGY (\$/KWH)			28
29	ON-PEAK	\$0.43669		29
30	PART-PEAK		\$0.19303	30
31	OFF-PEAK	\$0.18629	\$0.15462	31
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32	SCHEDULE AG-5A			32
33	CUSTOMER CHARGE - RATES A & D (\$/MONTH)	\$17.47	\$17.47	33
34	METER CHARGE - RATE A (\$/MONTH)	\$6.80	\$6.80	34
35	METER CHARGE - RATE D (\$/MONTH)	\$2.00	\$2.00	35
36	CONNECTED LOAD CHARGE (\$/KW/MONTH)	\$11.97	\$2.25	36
37	ENERGY (\$/KWH)			37
38	ON-PEAK	\$0.30031		38
39	PART-PEAK		\$0.15749	39
40	OFF-PEAK	\$0.14908	\$0.13182	40

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016  
 AGRICULTURAL RATES

LINE NO.	DESCRIPTION	1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE AG-1B			1
2	CUSTOMER CHARGE (\$/MONTH)	\$23.23	\$23.23	2
3	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			3
4	SECONDARY VOLTAGE	\$11.98	\$2.43	4
5	PRIMARY VOLTAGE DISCOUNT	\$1.22	\$0.34	5
6	ENERGY CHARGE (\$/KWH)	\$0.23272	\$0.17878	6
-----				
7	SCHEDULE AG-RB			7
8	CUSTOMER CHARGE - RATES B & E (\$/MONTH)	\$23.23	\$23.23	8
9	METER CHARGE - RATE B (\$/MONTH)	\$6.00	\$6.00	9
10	METER CHARGE - RATE E (\$/MONTH)	\$1.20	\$1.20	10
11	ON-PEAK DEMAND CHARGE (\$/KW/MONTH)	\$3.72		11
12	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			12
13	SECONDARY VOLTAGE	\$9.86	\$2.00	13
14	PRIMARY VOLTAGE DISCOUNT	\$0.83	\$0.32	14
15	ENERGY CHARGE (\$/KWH)			15
16	ON-PEAK	\$0.47001		16
17	PART-PEAK		\$0.15683	17
18	OFF-PEAK	\$0.16764	\$0.12790	18
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19	SCHEDULE AG-VB			19
20	CUSTOMER CHARGE - RATES B & E (\$/MONTH)	\$23.23	\$23.23	20
21	METER CHARGE - RATE B (\$/MONTH)	\$6.00	\$6.00	21
22	METER CHARGE - RATE E (\$/MONTH)	\$1.20	\$1.20	22
23	ON-PEAK DEMAND CHARGE (\$/KW/MONTH)	\$3.67		23
24	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			24
25	SECONDARY VOLTAGE	\$9.93	\$1.98	25
26	PRIMARY VOLTAGE DISCOUNT	\$0.89	\$0.31	26
27	ENERGY CHARGE (\$/KWH)			27
28	ON-PEAK	\$0.43486		28
29	PART-PEAK		\$0.15394	29
30	OFF-PEAK	\$0.16254	\$0.12602	30
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PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

AGRICULTURAL RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE AG-4B			1
2	CUSTOMER CHARGE - RATES B & E (\$/MONTH)	\$23.23	\$23.23	2
3	METER CHARGE - RATE B (\$/MONTH)	\$6.00	\$6.00	3
4	METER CHARGE - RATE E (\$/MONTH)	\$1.20	\$1.20	4
5	ON-PEAK DEMAND CHARGE (\$/KW/MONTH)	\$5.11		5
6	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			6
7	SECONDARY VOLTAGE	\$9.68	\$2.24	7
8	PRIMARY VOLTAGE DISCOUNT	\$1.02	\$0.35	8
9	ENERGY CHARGE (\$/KWH)			9
10	ON-PEAK	\$0.27980		10
11	PART-PEAK		\$0.14774	11
12	OFF-PEAK	\$0.14737	\$0.12327	12
13	SCHEDULE AG-4C			13
14	CUSTOMER CHARGE - RATES C & F (\$/MONTH)	\$65.44	\$65.44	14
15	METER CHARGE - RATE C (\$/MONTH)	\$6.00	\$6.00	15
16	METER CHARGE - RATE F (\$/MONTH)	\$1.20	\$1.20	16
17	DEMAND CHARGE (\$/KW/MONTH)			17
18	ON-PEAK	\$12.25		18
19	PART-PEAK	\$2.35	\$0.57	19
20	MAXIMUM	\$5.17	\$2.50	20
21	PRIMARY VOLTAGE DISCOUNT	\$1.33		21
22	ON-PEAK		\$0.32	22
23	MAXIMUM			23
24	TRANSMISSION VOLTAGE DISCOUNT			24
25	ON-PEAK	\$6.48		25
26	PART-PEAK	\$1.35	\$0.57	26
27	MAXIMUM	\$0.25	\$1.73	27
28	ENERGY CHARGE (\$/KWH)			28
29	ON-PEAK	\$0.25841		29
30	PART-PEAK	\$0.14807	\$0.12229	30
31	OFF-PEAK	\$0.10956	\$0.10511	31
32	SCHEDULE AG-5B			32
33	CUSTOMER CHARGE - RATES B & E (\$/MONTH)	\$36.36	\$36.36	33
34	METER CHARGE - RATE B (\$/MONTH)	\$6.00	\$6.00	34
35	METER CHARGE - RATE E (\$/MONTH)	\$1.20	\$1.20	35
36	ON-PEAK DEMAND CHARGE (\$/KW/MONTH)	\$9.90		36
37	MAXIMUM DEMAND CHARGE (\$/KW/MONTH)			37
38	SECONDARY VOLTAGE	\$15.68	\$6.16	38
39	PRIMARY VOLTAGE DISCOUNT	\$1.70	\$0.19	39
40	TRANSMISSION VOLTAGE DISCOUNT	\$11.77	\$5.30	40
41	ENERGY CHARGE (\$/KWH)			41
42	ON-PEAK	\$0.19990		42
43	PART-PEAK		\$0.10248	43
44	OFF-PEAK	\$0.08270	\$0.07453	44

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

AGRICULTURAL RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE AG-5C			1
2	CUSTOMER CHARGE - RATES C & F (\$/MONTH)	\$161.58	\$161.58	2
3	METER CHARGE - RATE C (\$/MONTH)	\$6.00	\$6.00	3
4	METER CHARGE - RATE F (\$/MONTH)	\$1.20	\$1.20	4
5	DEMAND CHARGE (\$/KW/MONTH)			5
6	ON-PEAK	\$16.68		6
7	PART-PEAK	\$3.46	\$0.92	7
8	MAXIMUM	\$6.17	\$3.85	8
9	PRIMARY VOLTAGE DISCOUNT			9
10	ON-PEAK	\$2.47		10
11	MAXIMUM		\$0.26	11
12	TRANSMISSION VOLTAGE DISCOUNT			12
13	ON-PEAK	\$10.47		13
14	PART-PEAK	\$1.56	\$0.92	14
15	MAXIMUM	\$3.51	\$2.52	15
16	ENERGY CHARGE (\$/KWH)			16
17	ON-PEAK	\$0.15184		17
18	PART-PEAK	\$0.10211	\$0.08915	18
19	OFF-PEAK	\$0.08360	\$0.08074	19
20	SCHEDULE AG-ICE			20
21	CUSTOMER CHARGE (\$/MONTH)	\$40.00	\$40.00	21
22	METER CHARGE (\$/MONTH)	\$6.00	\$6.00	22
23	ON-PEAK DEMAND CHARGE (\$/KW/MO)	\$4.03		23
24	MAXIMUM DEMAND CHARGE (\$/KW/MO)			24
25	SECONDARY	\$4.82	\$0.00	25
26	PRIMARY	\$4.00	\$0.00	26
27	TRANSMISSION	\$2.40	\$0.00	27
28	ENERGY CHARGE (\$/KWH)			28
29	ON-PEAK	\$0.12091		29
30	PART-PEAK	\$0.09431	\$0.09673	30
31	OFF-PEAK	\$0.04836	\$0.04836	31

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF JANUARY 1, 2016

STREETLIGHTING RATES

LINE NO.		1/1/16 RATES SUMMER	1/1/16 RATES WINTER	LINE NO.
1	SCHEDULE LS-1			1
2	ENERGY CHARGE (\$/KWH)	\$0.15324	\$0.15324	2
3	SCHEDULE LS-2			3
4	ENERGY CHARGE (\$/KWH)	\$0.15324	\$0.15324	4
5	SCHEDULE LS-3			5
6	SERVICE CHARGE (\$/METER/MO.)	\$6.00	\$6.00	6
7	ENERGY CHARGE (\$/KWH)	\$0.15324	\$0.15324	7
8	SCHEDULE OL-1			8
9	ENERGY CHARGE (\$/KWH)	\$0.16021	\$0.16021	9

Pacific Gas & Electric Company

December AET

1/1/2016

ELECTRIC RATES FOR SCHEDULES LS-1, LS-2 AND DL-1

NOMINAL LAMP RATINGS			ALL NIGHT RATES PER LAMP PER MONTH										HALF-HOUR ADJ.		
LAMP WATTS	AVERAGE kWhr PER MONTH	INITIAL LUMENS	SCHEDULE LS-2			SCHEDULE LS-1					DL-1	LS-1 & LS-2	DL-1		
			A	C	A	B	C	D	E	F					
MERCURY VAPOR LAMPS															
40	18	1,300	\$2.964	--	--	--	--	--	--	--	--	--	\$0.125	--	
50	22	1,650	\$3.577	--	--	--	--	--	--	--	--	--	\$0.153	--	
100	40	3,500	\$6.336	\$9.587	\$12.596	--	\$12.199	--	--	--	--	--	\$0.279	--	
175	68	7,500	\$10.626	\$13.877	\$16.886	\$16.287	\$16.489	--	\$19.690	\$18.301	\$17.360	--	\$0.474	\$0.495	
250	97	11,000	\$15.070	\$18.321	\$21.330	\$20.731	\$20.933	--	--	--	--	--	\$0.676	--	
400	152	21,000	\$23.498	\$26.749	\$29.758	\$29.159	\$29.361	--	--	--	\$30.818	--	\$1.059	\$1.107	
700	266	37,000	\$40.968	\$44.219	\$47.228	\$46.629	\$46.831	--	--	--	--	--	\$1.853	--	
1,000	377	57,000	\$57.977	\$61.228	--	--	--	--	--	--	--	--	\$2.626	--	
INCANDESCENT LAMPS															
58	20	600	\$3.271	--	\$9.531	--	--	--	--	--	--	--	\$0.139	--	
92	31	1,000	\$4.956	\$8.207	\$11.216	--	--	--	--	--	--	--	\$0.216	--	
189	65	2,500	\$10.167	\$13.418	\$16.427	\$15.828	--	--	--	--	--	--	\$0.453	--	
295	101	4,000	\$15.683	\$18.934	\$21.943	\$21.344	--	--	--	--	--	--	\$0.704	--	
405	139	6,000	\$21.506	\$24.757	\$27.766	--	--	--	--	--	--	--	\$0.968	--	
620	212	10,000	\$32.693	\$35.944	--	--	--	--	--	--	--	--	\$1.477	--	
860	294	15,000	\$45.259	--	--	--	--	--	--	--	--	--	\$2.048	--	
LOW PRESSURE SODIUM VAPOR LAMPS															
35	21	4,800	\$3.424	--	--	--	--	--	--	--	--	--	\$0.146	--	
55	29	8,000	\$4.650	--	--	--	--	--	--	--	--	--	\$0.202	--	
90	45	13,500	\$7.102	--	--	--	--	--	--	--	--	--	\$0.313	--	
135	62	21,500	\$9.707	--	--	--	--	--	--	--	--	--	\$0.432	--	
180	78	33,000	\$12.159	--	--	--	--	--	--	--	--	--	\$0.543	--	

Pacific Gas & Electric Company

December AET

1/1/2016

ELECTRIC RATES FOR SCHEDULES LS-1, LS-2 AND DL-1

NOMINAL LAMP RATINGS			ALL NIGHT RATES PER LAMP PER MONTH										HALF-HOUR ADJ.		
LAMP WATTS	AVERAGE kWhr PER MONTH	INITIAL LUMENS	SCHEDULE LS-2			SCHEDULE LS-1					DL-1	LS-1 & LS-2	DL-1		
			A	C		A	B	C	D	E				F	
HIGH PRESSURE SODIUM VAPOR LAMPS AT 120 VOLTS															
35	15	2,150	\$2.505	..	..	..	..	..	..	..	..	..	\$0.105	..	
50	21	3,800	\$3.424	..	..	..	..	..	..	..	..	..	\$0.146	..	
70	29	5,800	\$4.650	\$7.901	\$10.910	..	\$10.513	\$13.340	\$13.714	\$12.325	\$11.112	..	\$0.202	\$0.211	
100	41	9,500	\$6.489	\$9.740	\$12.749	..	\$12.352	\$15.179	\$15.553	\$14.164	\$13.035	..	\$0.286	\$0.299	
150	60	16,000	\$9.400	\$12.651	\$15.660	..	\$15.263	\$18.090	\$18.464	\$17.075	..	..	\$0.418	..	
200	80	22,000	\$12.465	..	\$18.725	..	\$18.328	\$21.155	\$21.529	\$20.140	..	..	\$0.557	..	
250	100	26,000	\$15.530	..	\$21.790	..	\$21.393	\$24.220	\$24.594	\$23.205	..	..	\$0.697	..	
400	154	46,000	\$23.805	..	\$30.065	..	\$29.668	\$32.495	\$32.869	\$31.480	..	..	\$1.073	..	
AT 240 VOLTS															
50	24	3,800	\$3.884	..	..	..	..	..	..	..	..	..	\$0.167	..	
70	34	5,800	\$5.416	\$8.667	\$11.676	..	..	\$14.106	..	..	..	..	\$0.237	..	
100	47	9,500	\$7.408	\$10.659	\$13.668	..	\$13.271	\$16.098	\$16.472	\$15.083	..	..	\$0.327	..	
150	69	16,000	\$10.780	\$14.031	\$17.040	..	\$16.643	\$19.470	\$19.844	\$18.455	..	..	\$0.481	..	
200	81	22,000	\$12.618	\$15.869	\$18.878	..	\$18.481	\$21.308	\$21.682	\$20.293	\$19.443	..	\$0.564	\$0.590	
250	100	25,500	\$15.530	\$18.781	\$21.790	..	\$21.393	\$24.220	\$24.594	\$23.205	\$22.487	..	\$0.697	\$0.728	
310	119	37,000	\$18.442	..	..	..	..	..	..	..	..	..	\$0.829	..	
360	144	45,000	\$22.273	..	..	..	..	..	..	..	..	..	\$1.003	..	
400	154	46,000	\$23.805	\$27.056	\$30.065	..	\$29.668	\$32.495	\$32.869	\$31.480	\$31.138	..	\$1.073	\$1.121	
METAL HALIDE LAMPS															
70	30	5,500	\$4.803	..	..	..	..	..	..	..	..	..	\$0.209	..	
100	41	8,500	\$6.489	..	..	..	..	..	..	..	..	..	\$0.286	..	
150	63	13,500	\$9.860	..	..	..	..	..	..	..	..	..	\$0.439	..	
175	72	14,000	\$11.239	..	..	..	..	..	..	..	..	..	\$0.502	..	
250	105	20,500	\$16.296	..	..	..	..	..	..	..	..	..	\$0.731	..	
400	162	30,000	\$25.031	..	..	..	..	..	..	..	..	..	\$1.128	..	
1,000	387	90,000	\$59.510	..	..	..	..	..	..	..	..	..	\$2.696	..	
INDUCTION LAMPS															
23	9	1,840	\$1.585	..	..	..	..	..	..	..	..	..	\$0.063	..	
35	13	2,450	\$2.198	..	..	..	..	..	..	..	..	..	\$0.091	..	
40	14	2,200	\$2.351	..	..	..	..	..	..	..	..	..	\$0.098	..	
50	18	3,500	\$2.964	..	..	..	..	..	..	..	..	..	\$0.125	..	
55	19	3,000	\$3.118	..	..	..	..	..	..	..	..	..	\$0.132	..	
65	24	5,525	\$3.884	..	..	..	..	..	..	..	..	..	\$0.167	..	
70	27	6,500	\$4.343	..	..	..	..	..	..	..	..	..	\$0.188	..	
80	28	4,500	\$4.497	..	..	..	..	..	..	..	..	..	\$0.195	..	
85	30	4,800	\$4.803	..	..	..	..	..	..	..	..	..	\$0.209	..	
100	36	8,000	\$5.723	..	..	..	..	..	..	..	..	..	\$0.251	..	
120	42	8,500	\$6.567	..	..	..	..	..	..	..	..	..	\$0.289	..	
135	48	9,450	\$7.562	..	..	..	..	..	..	..	..	..	\$0.334	..	
150	51	10,900	\$8.021	..	..	..	..	..	..	..	..	..	\$0.355	..	
165	58	12,000	\$9.094	..	..	..	..	..	..	..	..	..	\$0.404	..	
200	72	19,000	\$11.239	..	..	..	..	..	..	..	..	..	\$0.502	..	
All LEDs now on separate tab.															
Energy Rate @			\$0.15324	per kwh	LS-1 & LS-2										
			\$0.16021	per kwh	DL-1										
24-Dec-15						Pole Painting Charge @			Per Pole Per Month						

LED Surcharge

2.81400

	LS Lamps	
Trans + TRBA Adj. Rate + TAC	0.00962	per kwh
RELIABILITY SERVICES	0.00014	
DISTRIBUTION	0.04816	per kwh
PUBLIC PURPOSE PROGRAMS	0.00767	per kwh
GENERATION	0.08064	per kwh
DWR BOND	0.00539	
NUCLEAR DECOMMISSIONING	0.00022	per kwh
NSGC	0.00140	
TOTAL (check)	ok	per kwh
Total Energy Rate	0.15324	per kwh
Energy Rates in Effect		
For Base Rates in Effect		

Notes: This file contains facility rates from the 2014 GRC Ph 2 Stlt Settlement.

**USE TARIFFS ON ROWS 222 - 301**

FOR BILLING ONLY - DO NOT USE IN TARIFFS

Pacific Gas & Electric Company  
December AET  
1/1/16

LIGHT EMITTING DIODE (LED) LAMPS  
TOTAL RATES (FACILITY + ENERGY CHGS)

NOMINAL LAMP RATINGS		ALL NIGHT RATES PER LAMP PER MONTH		HALF-HOUR ADJUSTMENT	ALL NIGHT RATES PER LAMP PER MONTH				
Lamp Watts	Average kWh Per Month	LS-2A	LS-1A, C, E, F & LS-2A		LS-1A	LS-1C	LS-1D	LS-1E	LS-1F
0.0-5.0	0.9	\$0.344	\$0.006		\$6.604	\$6.207	N/A	\$9.408	\$8.019
5.1-10.0	2.6	\$0.604	\$0.018		\$6.864	\$6.467	N/A	\$9.668	\$8.279
10.1-15.0	4.3	\$0.865	\$0.030		\$7.125	\$6.728	N/A	\$9.929	\$8.540
15.1-20.0	6.0	\$1.125	\$0.042		\$7.385	\$6.988	N/A	\$10.189	\$8.800
20.1-25.0	7.7	\$1.386	\$0.054		\$7.646	\$7.249	N/A	\$10.450	\$9.061
25.1-30.0	9.4	\$1.646	\$0.065		\$7.906	\$7.509	N/A	\$10.710	\$9.321
30.1-35.0	11.1	\$1.907	\$0.077		\$8.167	\$7.770	N/A	\$10.971	\$9.582
35.1-40.0	12.8	\$2.167	\$0.089		\$8.427	\$8.030	N/A	\$11.231	\$9.842
40.1-45.0	14.5	\$2.428	\$0.101		\$8.688	\$8.291	N/A	\$11.492	\$10.103
45.1-50.0	16.2	\$2.688	\$0.113		\$8.948	\$8.551	N/A	\$11.752	\$10.363
50.1-55.0	17.9	\$2.949	\$0.125		\$9.209	\$8.812	N/A	\$12.013	\$10.624
55.1-60.0	19.6	\$3.210	\$0.137		\$9.470	\$9.073	N/A	\$12.274	\$10.885
60.1-65.0	21.4	\$3.485	\$0.149		\$9.745	\$9.348	N/A	\$12.549	\$11.160
65.1-70.0	23.1	\$3.746	\$0.161		\$10.006	\$9.609	N/A	\$12.810	\$11.421
70.1-75.0	24.8	\$4.006	\$0.173		\$10.266	\$9.869	N/A	\$13.070	\$11.681
75.1-80.0	26.5	\$4.267	\$0.185		\$10.527	\$10.130	N/A	\$13.331	\$11.942
80.1-85.0	28.2	\$4.527	\$0.196		\$10.787	\$10.390	N/A	\$13.591	\$12.202
85.1-90.0	29.9	\$4.788	\$0.208		\$11.048	\$10.651	N/A	\$13.852	\$12.463
90.1-95.0	31.6	\$5.048	\$0.220		\$11.308	\$10.911	N/A	\$14.112	\$12.723
95.1-100.0	33.3	\$5.309	\$0.232		\$11.569	\$11.172	N/A	\$14.373	\$12.984
100.1-105.1	35.0	\$5.569	\$0.244		\$11.829	\$11.432	N/A	\$14.633	\$13.244
105.1-110.0	36.7	\$5.830	\$0.256		\$12.090	\$11.693	N/A	\$14.894	\$13.505
110.1-115.0	38.4	\$6.090	\$0.267		\$12.350	\$11.953	N/A	\$15.154	\$13.765
115.1-120.0	40.1	\$6.351	\$0.279		\$12.611	\$12.214	N/A	\$15.415	\$14.026
120.1-125.0	41.9	\$6.627	\$0.292		\$12.887	\$12.490	N/A	\$15.691	\$14.302
125.1-130.0	43.6	\$6.887	\$0.304		\$13.147	\$12.750	N/A	\$15.951	\$14.562
130.1-135.0	45.3	\$7.148	\$0.316		\$13.408	\$13.011	N/A	\$16.212	\$14.823
135.1-140.0	47.0	\$7.408	\$0.327		\$13.668	\$13.271	N/A	\$16.472	\$15.083
140.1-145.0	48.7	\$7.669	\$0.339		\$13.929	\$13.532	N/A	\$16.733	\$15.344
145.1-150.0	50.4	\$7.929	\$0.351		\$14.189	\$13.792	N/A	\$16.993	\$15.604
150.1-155.0	52.1	\$8.190	\$0.363		\$14.450	\$14.053	N/A	\$17.254	\$15.865
155.1-160.0	53.8	\$8.450	\$0.375		\$14.710	\$14.313	N/A	\$17.514	\$16.125
160.1-165.0	55.5	\$8.711	\$0.387		\$14.971	\$14.574	N/A	\$17.775	\$16.386
165.1-170.0	57.2	\$8.971	\$0.398		\$15.231	\$14.834	N/A	\$18.035	\$16.646
170.1-175.0	58.9	\$9.232	\$0.410		\$15.492	\$15.095	N/A	\$18.296	\$16.907
175.1-180.0	60.6	\$9.492	\$0.422		\$15.752	\$15.355	N/A	\$18.556	\$17.167
180.1-185.0	62.4	\$9.768	\$0.435		\$16.028	\$15.631	N/A	\$18.832	\$17.443
185.1-190.0	64.1	\$10.029	\$0.447		\$16.289	\$15.892	N/A	\$19.093	\$17.704
190.1-195.0	65.8	\$10.289	\$0.458		\$16.549	\$16.152	N/A	\$19.353	\$17.964
195.1-200.0	67.5	\$10.550	\$0.470		\$16.810	\$16.413	N/A	\$19.614	\$18.225
200.1-205.0	69.2	\$10.810	\$0.482		\$17.070	\$16.673	N/A	\$19.874	\$18.485
205.1-210.0	70.9	\$11.071	\$0.494		\$17.331	\$16.934	N/A	\$20.135	\$18.746
210.1-215.0	72.6	\$11.331	\$0.506		\$17.591	\$17.194	N/A	\$20.395	\$19.006
215.1-220.0	74.3	\$11.592	\$0.518		\$17.852	\$17.455	N/A	\$20.656	\$19.267
220.1-225.0	76.0	\$11.852	\$0.529		\$18.112	\$17.715	N/A	\$20.916	\$19.527
225.1-230.0	77.7	\$12.113	\$0.541		\$18.373	\$17.976	N/A	\$21.177	\$19.788
230.1-235.0	79.4	\$12.373	\$0.553		\$18.633	\$18.236	N/A	\$21.437	\$20.048
235.1-240.0	81.1	\$12.634	\$0.565		\$18.894	\$18.497	N/A	\$21.698	\$20.309
240.1-245.0	82.9	\$12.910	\$0.577		\$19.170	\$18.773	N/A	\$21.974	\$20.585
245.1-250.0	84.6	\$13.170	\$0.589		\$19.430	\$19.033	N/A	\$22.234	\$20.845
250.1-255.0	86.3	\$13.431	\$0.601		\$19.691	\$19.294	N/A	\$22.495	\$21.106

255.1-260.0	88.0	\$13.691	\$0.613
260.1-265.0	89.7	\$13.952	\$0.625
265.1-270.0	91.4	\$14.212	\$0.637
270.1-275.0	93.1	\$14.473	\$0.649
275.1-280.0	94.8	\$14.733	\$0.660
280.1-285.0	96.5	\$14.994	\$0.672
285.1-290.0	98.2	\$15.254	\$0.684
290.1-295.0	99.9	\$15.515	\$0.696
295.1-300.0	101.6	\$15.775	\$0.708
300.1-305.0	103.4	\$16.051	\$0.720
305.1-310.0	105.1	\$16.312	\$0.732
310.1-315.0	106.8	\$16.572	\$0.744
315.1-320.0	108.5	\$16.833	\$0.756
320.1-325.0	110.2	\$17.093	\$0.768
325.1-330.0	111.9	\$17.354	\$0.779
330.1-335.0	113.6	\$17.614	\$0.791
335.1-340.0	115.3	\$17.875	\$0.803
340.1-345.0	117.0	\$18.135	\$0.815
345.1-350.0	118.7	\$18.396	\$0.827
350.1-355.0	120.4	\$18.656	\$0.839
355.1-360.0	122.1	\$18.917	\$0.851
360.1-365.0	123.9	\$19.192	\$0.863
365.1-370.0	125.6	\$19.453	\$0.875
370.1-375.0	127.3	\$19.713	\$0.887
375.1-380.0	129.0	\$19.974	\$0.899
380.1-385.0	130.7	\$20.234	\$0.910
385.1-390.0	132.4	\$20.495	\$0.922
390.1-395.0	134.1	\$20.755	\$0.934
395.1-400.0	135.8	\$21.016	\$0.946

\$19.951	\$19.554	N/A	\$22.755	\$21.366
\$20.212	\$19.815	N/A	\$23.016	\$21.627
\$20.472	\$20.075	N/A	\$23.276	\$21.887
\$20.733	\$20.336	N/A	\$23.537	\$22.148
\$20.993	\$20.596	N/A	\$23.797	\$22.408
\$21.254	\$20.857	N/A	\$24.058	\$22.669
\$21.514	\$21.117	N/A	\$24.318	\$22.929
\$21.775	\$21.378	N/A	\$24.579	\$23.190
\$22.035	\$21.638	N/A	\$24.839	\$23.450
\$22.311	\$21.914	N/A	\$25.115	\$23.726
\$22.572	\$22.175	N/A	\$25.376	\$23.987
\$22.832	\$22.435	N/A	\$25.636	\$24.247
\$23.093	\$22.696	N/A	\$25.897	\$24.508
\$23.353	\$22.956	N/A	\$26.157	\$24.768
\$23.614	\$23.217	N/A	\$26.418	\$25.029
\$23.874	\$23.477	N/A	\$26.678	\$25.289
\$24.135	\$23.738	N/A	\$26.939	\$25.550
\$24.395	\$23.998	N/A	\$27.199	\$25.810
\$24.656	\$24.259	N/A	\$27.460	\$26.071
\$24.916	\$24.519	N/A	\$27.720	\$26.331
\$25.177	\$24.780	N/A	\$27.981	\$26.592
\$25.452	\$25.055	N/A	\$28.256	\$26.867
\$25.713	\$25.316	N/A	\$28.517	\$27.128
\$25.973	\$25.576	N/A	\$28.777	\$27.388
\$26.234	\$25.837	N/A	\$29.038	\$27.649
\$26.494	\$26.097	N/A	\$29.298	\$27.909
\$26.755	\$26.358	N/A	\$29.559	\$28.170
\$27.015	\$26.618	N/A	\$29.819	\$28.430
\$27.276	\$26.879	N/A	\$30.080	\$28.691

LED lights are only applicable to LS-1A, 1C, 1E and 1F

# **EXHIBIT C**

SERVICE OF NOTICE OF APPLICATION

In accordance with Rule 3.2(b), Applicant will mail a notice to the following, stating in general terms its proposed change in rates.

State of California

To the Attorney General and the Department of General Services.

State of California  
Office of Attorney General  
1300 I St Ste 1101  
Sacramento, CA 95814

and

Department of General Services  
Office of Buildings & Grounds  
505 Van Ness Avenue, Room 2012  
San Francisco, CA 94102

Counties

To the County Counsel or District Attorney and the County Clerk in the following counties:

Alameda	Mariposa	Santa Clara
Alpine	Mendocino	Santa Cruz
Amador	Merced	Shasta
Butte	Modoc	Sierra
Calaveras	Monterey	Siskiyou
Colusa	Napa	Solano
Contra Costa	Nevada	Sonoma
El Dorado	Placer	Stanislaus
Fresno	Plumas	Sutter
Glenn	Sacramento	Tehama
Humboldt	San Benito	Trinity
Kern	San Bernardino	Tulare
Kings	San Francisco	Tuolumne
Lake	San Joaquin	Yolo
Lassen	San Luis Obispo	Yuba
Madera	San Mateo	
Marin	Santa Barbara	

Municipal Corporations

To the City Attorney and the City Clerk of the following municipal corporations:

Alameda	Colusa	Hanford
Albany	Concord	Hayward
Amador City	Corcoran	Healdsburg
American Canyon	Corning	Hercules
Anderson	Corte Madera	Hillsborough
Angels Camp	Cotati	Hollister
Antioch	Cupertino	Hughson
Arcata	Daly City	Huron
Arroyo Grande	Danville	Ione
Arvin	Davis	Isleton
Atascadero	Del Rey Oakes	Jackson
Atherton	Dinuba	Kerman
Atwater	Dixon	King City
Auburn	Dos Palos	Kingsburg
Avenal	Dublin	Lafayette
Bakersfield	East Palo Alto	Lakeport
Barstow	El Cerrito	Larkspur
Belmont	Elk Grove	Lathrop
Belvedere	Emeryville	Lemoore
Benicia	Escalon	Lincoln
Berkeley	Eureka	Live Oak
Biggs	Fairfax	Livermore
Blue Lake	Fairfield	Livingston
Brentwood	Ferndale	Lodi
Brisbane	Firebaugh	Lompoc
Buellton	Folsom	Loomis
Burlingame	Fort Bragg	Los Altos
Calistoga	Fortuna	Los Altos Hills
Campbell	Foster City	Los Banos
Capitola	Fowler	Los Gatos
Carmel	Fremont	Madera
Ceres	Fresno	Manteca
Chico	Galt	Maricopa
Chowchilla	Gilroy	Marina
Citrus Heights	Gonzales	Mariposa
Clayton	Grass Valley	Martinez
Clearlake	Greenfield	Marysville
Cloverdale	Gridley	McFarland
Clovis	Grover Beach	Mendota
Coalinga	Guadalupe	Menlo Park
Colfax	Gustine	Merced
Colma	Half Moon Bay	Mill Valley

Millbrae  
Milpitas  
Modesto  
Monte Sereno  
Monterey  
Moraga  
Morgan Hill  
Morro Bay  
Mountain View  
Napa  
Newark  
Nevada City  
Newman  
Novato  
Oakdale  
Oakland  
Oakley  
Orange Cove  
Orinda  
Orland  
Oroville  
Pacific Grove  
Pacifica  
Palo Alto  
Paradise  
Parlier  
Paso Robles  
Patterson  
Petaluma  
Piedmont  
Pinole  
Pismo Beach  
Pittsburg  
Placerville  
Pleasant Hill  
Pleasanton  
Plymouth  
Point Arena  
Portola  
Portola Valley  
Rancho Cordova  
Red Bluff  
Redding  
Redwood City  
Reedley  
Richmond

Ridgecrest  
Rio Dell  
Rio Vista  
Ripon  
Riverbank  
Rocklin  
Rohnert Park  
Roseville  
Ross  
Sacramento  
Saint Helena  
Salinas  
San Anselmo  
San Bruno  
San Carlos  
San Francisco  
San Joaquin  
San Jose  
San Juan Bautista  
San Leandro  
San Luis Obispo  
San Mateo  
San Pablo  
San Rafael  
San Ramon  
Sand City  
Sanger  
Santa Clara  
Santa Cruz  
Santa Maria  
Santa Rosa  
Saratoga  
Sausalito  
Scotts Valley  
Seaside  
Sebastopol  
Selma  
Shafter  
Shasta Lake  
Soledad  
Solvang  
Sonoma  
Sonora  
South San Francisco  
Stockton  
Suisun City

Sunnyvale  
Sutter Creek  
Taft  
Tehama  
Tiburon  
Tracy  
Trinidad  
Turlock  
Ukiah  
Union City  
Vacaville  
Vallejo  
Victorville  
Walnut Creek  
Wasco  
Waterford  
Watsonville  
West Sacramento  
Wheatland  
Williams  
Willits  
Willows  
Windsor  
Winters  
Woodland  
Woodside  
Yountville  
Yuba City