



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

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In the Matter of the Application of Pacific Gas  
and Electric Company for Adoption of its  
Smart Grid Pilot Deployment Project

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**SMART GRID PILOT DEPLOYMENT PROJECT  
APPLICATION OF PACIFIC GAS AND ELECTRIC  
COMPANY (U 39 E)**

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Dated: November 21, 2011

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**I. INTRODUCTION**

By this Application and pursuant to Senate Bill 17, Decision No. 10-06-047 and Pacific Gas and Electric Company's (PG&E's or the Company's) Smart Grid Deployment Plan, PG&E asks the California Public Utilities Commission (Commission or CPUC) to authorize PG&E to increase electric rates and charges to collect a total of \$39 million over 4 years as the reasonable level of revenue requirements necessary to support its Smart Grid Pilot Deployment Project as described in this Application and PG&E's prepared testimony. This level of revenue requirements supports PG&E's overall request of \$109 million (\$77 million capital and \$31.8 million expense) to fund the Project.

**II. SUMMARY OF SMART GRID PILOT DEPLOYMENT PROJECT**

PG&E's Smart Grid Pilot Deployment Project seeks to advance the modernization of PG&E's electric grid consistent with the policy of the State of California as described in Senate Bill 17 (SB 17) (Stats. 2009, Ch. 327) and PG&E's Smart Grid Deployment Plan (Deployment Plan) filed with the Commission on June 30, 2011. The Smart Grid Pilot Deployment Project will test, evaluate and pilot select technologies and initiatives which when fully deployed will provide significant value to its customers in the form of energy cost savings, reduced operation

and maintenance costs, as well as improved service reliability and enhanced safety.

In its Smart Grid Deployment Plan, PG&E described 21 new initiatives that it plans to pursue over the next ten years to provide benefits to its customers and to meet California's energy policy goals as outlined in SB 17 and other legislative requirements. In this Application, PG&E is seeking authorization and costs to begin work on six of these new initiatives. The six initiatives for which PG&E is seeking approval in this application require early stage development work now to provide customers with the benefits sooner than if PG&E were to wait until 2014, the test year for its next General Rate Case, to begin the evaluation.

As is described further in the prepared testimony in support of this Application, the six initiatives have the potential to provide significant benefits upon full deployment to customers in the form of avoided energy procurement costs, avoided operations and maintenance costs, improved service reliability and enhanced public safety. If the projects were to be deployed at the scale described in PG&E's Deployment Plan, collectively, these projects and initiatives could achieve approximate benefits over 20 years of:

\$550 million to \$1.1 billion in avoided energy procurement costs.

\$80 million to \$100 million in avoided operation and maintenance costs.

5 to 9 percent improvement in system reliability, based on PG&E's System

Average Interruption Duration Index.

In addition, the projects and initiatives could reduce carbon dioxide (CO<sub>2</sub>) emissions by 1.6 to 2.2 million metric tons from 2011- 2030.

In addition to these quantified potential benefits, these initiatives may support enhanced public safety by identifying hard to detect high impedance fault conditions and advance California's progressive energy policy goals by supporting the interconnection of higher levels of

distributed, solar photovoltaic (PV) generation.

The potential customer benefits associated with large-scale deployment of the technologies identified in this application are significant. However, PG&E believes additional testing and piloting on PG&E's system is necessary to confirm the estimated benefits and costs before seeking approval for the associated capital investment necessary to achieve the potential benefits.

PG&E also believes testing and piloting these projects now rather than waiting until after PG&E's 2014 GRC could allow system deployment of the specific initiatives beginning in 2017, assuming the expected benefits are demonstrated by the pilot projects to be achievable. Waiting until after the 2014 GRC to conduct the initial testing and evaluation could delay these large-scale benefits until 2020 due to the timing of PG&E general rate case cycles.

### **III. DESCRIPTION OF SMART GRID PILOT DEPLOYMENT INITIATIVES INCLUDED IN THIS APPLICATION**

This Application seeks approval to begin work on six important Smart Grid initiatives with significant potential benefits to customers but which require additional development and benefits verification before PG&E seeks approval for the associated capital investments for full-scale implementation. PG&E's proposed initiatives also include necessary investments in information technology (IT) (software applications, cyber security, data management architecture, hardware and telecommunications). The project proposes to reduce technology implementation risk by focusing IT support on the testing and pilot stages while also performing analysis and high level design of foundational infrastructure to support the full-scale deployments if the pilots prove to be successful. This approach avoids unnecessary investments in large-scale Smart Grid foundational infrastructure until after the technologies and benefits have been proven and minimizes the overall cost of implementation to customers.

The specific initiatives and potential benefits are described briefly below and in more depth in Chapters 2 through 5 of the prepared testimony supporting this Application.

**A. Smart Grid Line Sensors**

In this pilot project, PG&E will install line sensors to evaluate their impact on reducing outage response time, improving outage location accuracy, and the ability to provide line loading information at the installed locations. To achieve this goal, following a testing and evaluation phase of line sensors, PG&E will pilot recommended line sensors on up to 30 distribution feeders in three PG&E divisions. This pilot may also include evaluation of various communication technologies including cellular, mesh radio and existing distribution automation telecommunications networks.

This project supports advancing PG&E's Smart Grid strategic objectives in its Smart Utility program to: 1) enhance grid outage detection, isolation, and restoration; and 2) enhance grid system monitoring and control and is consistent with SB 17 Smart Grid characteristics of improved reliability of the electric system.

**B. Voltage and Reactive Power (Volt/VAR) Optimization**

In this pilot project, PG&E seeks to test voltage and reactive power (VAR) optimization algorithms and control systems on up to 12 distribution feeders in three PG&E divisions, to control one or all of the following voltage and reactive power regulating devices on PG&E's distribution system: (1) substation load tap changers, bus or feeder voltage regulators; (2) distribution line regulators; and (3) distribution line capacitors to achieve electricity demand and energy use reductions, voltage profile improvements and power system loss reductions. The optimization algorithms and control systems will use voltage measurements from SmartMeters™, and other substation and line equipment with voltage sensing information to adjust the distribution system voltage levels.

This project supports advancing PG&E's Smart Grid strategic objectives in its Smart Utility program to: 1) enhance grid system monitoring and control; and 2) manage grid system voltage and losses and is consistent with SB 17 Smart Grid characteristics of a) improved grid efficiency, b) dynamic optimization of grid operations and resources and c) integration of distributed resources.

**C. Detect & Locate Distribution Line Outages and Faulted Circuit Conditions**

In this pilot project, PG&E will test decision analysis tools to more precisely locate outages and faulted circuit conditions caused by damaged equipment using input from a variety of sensors including digital protective relays, fault current sensors, SmartMeter™ voltage measurements and Smart Grid line sensors. During the pilot phase of this project, PG&E will install fault-finding software systems and telecommunication systems on up to 15 distribution feeders in two of PG&E divisions.

This project supports advancing PG&E's Smart Grid strategic objectives in its Smart Utility program to: 1) enhance grid outage detection, isolation, and restoration; and 2) enhance grid system monitoring and control, and is consistent with SB 17 Smart Grid characteristics of improved reliability of the electric system.

**D. Short-Term Demand Forecasting Smart Grid Pilot Project**

The objective of this pilot project is to evaluate if more granular sources of data can be acquired and used cost-effectively to improve the accuracy of short-term demand forecasts for PG&E's bundled customers, which informs daily electricity procurement activities. The more granular sources of information are SmartMeters™, transmission and distribution network devices, Demand Response (DR) programs, and other sources. As part of this project, PG&E will analyze, test, build, and then pilot systems incorporating more granular sources of data for a specific region in PG&E's service territory. By doing so, PG&E will be able to demonstrate and

evaluate the costs and benefits of using more granular information for the purposes of forecasting short-term electricity demand. If warranted by the costs and benefit estimates derived from the project, PG&E will then pursue broader, system-wide deployment in a later phase.

This project supports advancing PG&E's SmartGrid strategic objectives in its Smart Markets program to assess the value of improving forecasting of market and portfolio conditions and is consistent with SB 17 Smart Grid characteristics of increased use of digital information to improve the reliability and efficiency of the grid.

#### **E. Standards Development, Technology Innovation and Testing**

PG&E will also seek to create a Smart Grid development capability to integrate and test new Smart Grid technologies, evaluate and develop Smart Grid standards, and improve PG&E's understanding of new Smart Grid technologies through the benchmarking of experiences of others. This initiative will also focus on investigating ways to use information created by Smart Grid systems including SmartMeters™ to create new or improved regulated utility services for customers to leverage the extensive investments already in place. This initiative will also investigate the applicability of new technologies being tested or deployed by other utilities to PG&E's systems including projects being developed using ARRA Smart Grid grants or in National Laboratories across the country.

This initiative supports advancing PG&E's Smart Grid strategic objectives in its Foundational and Cross-Cutting program to provide foundational and cross-cutting utility facilities and programs necessary to continuously improve the application of new Smart Grid technologies. It is consistent with virtually all of the SB 17 Smart Grid characteristics and specifically supports developing standards for communication and interoperability of appliances and equipment connected to the electric grid, including the infrastructure serving the grid.

**F. Smart Grid Customer Outreach and Education**

PG&E’s proposal also includes an initiative to perform regional and community level customer outreach to engage our customers in understanding Smart Grid facts, costs and benefits at the individual and societal level, including with the five projects described in this Application and other Smart Grid related projects as appropriate. This outreach is intended to support customers using Smart Grid enabled tools to make informed energy choices and to understand the Smart Grid capabilities being deployed.

This initiative supports advancing PG&E’s Smart Grid strategic objectives in its Foundational and Cross-Cutting program to provide foundational and cross-cutting utility facilities and programs necessary to continuously improve the application of new Smart Grid technologies including customer engagement that are necessary in order to achieve PG&E’s other Smart Grid strategic objectives. It is consistent with virtually all of the SB 17 Smart Grid characteristics involving consumers directly.

**IV. STATEMENT OF RELIEF AND AUTHORITY SOUGHT**

**A. Estimated Revenue Requirements**

Table 1 sets forth PG&E’s estimated revenue requirements each year associated with this request (in millions of dollars):

| <b>Table 1</b>                           | 2012        | 2013        | 2014     | 2015         | Total        |
|--|-------------|-------------|----------|--------------|--------------|
| Annual Revenue Requirement (\$ millions) | \$5,992,115 | \$7,667,293 | \$93,793 | \$25,137,974 | \$38,891,176 |

**B. Cost Recovery**

Under PG&E’s proposal, revenue requirements associated with PG&E’s incremental costs incurred for this Project will be set initially to recover forecast costs, with true-up to actual

costs achieved through a proposed new balancing account, the Smart Grid Pilot Deployment Project Balancing Account (SGPDPBA). Electric revenue requirements reflecting the cost forecast for the project will be revised annually through the Annual Electric True-Up (AET) filing, or as otherwise ordered by the Commission, to include the forecast revenue requirement for the year and an adjustment for the difference between the forecast and recorded revenue requirement. Cost recovery will occur through the Distribution Revenue Adjustment Mechanism (DRAM) and will be consolidated with the AET. Assuming a decision in this proceeding before the 2013 AET decision, rates set to recover the 2013 revenue requirements will be set in the 2013 AET advice letter. Rates set to recover the subsequent years' revenue requirements will set in the applicable AET advice letters.

**V. SUMMARY OF REASONS FOR PG&E'S REQUEST AND SPECIFIC AREAS OF INCREASE**

**A. Reasons for Requested Relief**

PG&E has provided detailed support for its request in this Application and the attached prepared testimony. In addition, PG&E's Application is supported by the facts and policies included in the Commission's prior decisions and proceedings on Smart Grid, greenhouse gas reduction, climate change, and renewable energy technologies and procurement. The key reasons for the requested increase in revenue requirements are:

- To comply with California's Smart Grid policy as stated in SB 17 to modernize the state's electrical transmission and distribution system to maintain safe, reliable, efficient, and secure electrical service, with infrastructure that can meet future growth in demand and achieve all of the following, which together characterize a Smart Grid:
  - Increased use of cost-effective digital information and control technology

to improve reliability, security, and efficiency of the electric grid.

- Dynamic optimization of grid operations and resources, including appropriate consideration for asset management and utilization of related grid operations and resources, with cost-effective full cyber security.
- Deployment and integration of cost-effective distributed resources and generation, including renewable resources.
- Development and incorporation of cost-effective demand response, demand-side resources, and energy efficient resources.
- Deployment of cost-effective smart technologies, including real time, automated, interactive technologies that optimize the physical operation of appliances and consumer devices for metering, communications concerning grid operations and status, and distribution automation.
- Integration of cost-effective smart appliances and consumer devices.
- Deployment and integration of cost-effective advanced electricity storage and peak-shaving technologies, including plug-in electric and hybrid electric vehicles, and thermal-storage air-conditioning.
- Provide consumers with timely information and control options.
- Develop standards for communication and interoperability of appliances and equipment connected to the electric grid, including the infrastructure serving the grid.
- Identification and lowering of unreasonable or unnecessary barriers to adoption of Smart Grid technologies, practices, and services.

- To deploy pilot projects for six of the Smart Grid initiatives identified in PG&E’s Smart Grid Deployment Plan, and to determine whether the potential benefits of those initiatives for customers and the environment are achievable at reasonable cost;
- To comply with the Commission’s renewable energy and greenhouse gas reduction policies.

**B. Summary Supporting Increase**

This Application and prepared testimony attached hereto provide a summary of the support for the increase in electric rates requested in this Application.

**VI. COST OF CAPITAL/AUTHORIZED RATE OF RETURN**

The Rate Case Plan requires a utility to “use the most recently authorized rate of return in its calculations” supporting its results of operations presentation.<sup>1/</sup> Accordingly, PG&E has used the authorized cost of capital information set forth in Decisions (D.) 07-12-049 and 08-05-035.

**VII. REVENUES AT PRESENT RATES IN THE RESULTS OF OPERATIONS REPORT**

PG&E’s rates and charges for electric service are set forth in PG&E’s electric tariffs on file with this Commission. The Commission has approved these tariffs in decisions, orders, and resolutions. Exhibit B sets forth PG&E’s present electric rates.

**VIII. EXHIBITS**

PG&E is providing prepared testimony in support of the Application. In addition, PG&E incorporates by reference its Smart Grid Deployment Plan filed in compliance with SB 17 and Commission Decision No. 10-06-047.

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<sup>1/</sup> D.89-01-040; 30 CPUC 2d 576, 606.

**IX. COMPLIANCE WITH THE COMMISSION’S RULES OF PRACTICE AND PROCEDURE**

**A. Statutory Authority**

PG&E files this Application pursuant to Sections 451, 453, 740, 740.1, and 8360 – 8368 of the Public Utilities Code, the Commission’s Rules of Practice and Procedure, and prior decisions, orders, and resolutions of this Commission.

**B. Categorization - Rule 2.1(c)**

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

**C. Need for Hearing - Rule 2.1(c)**

PG&E anticipates that evidentiary hearings may be needed. PG&E’s proposed schedule is set forth in subsection E, below.

**D. Issues to be Considered - Rule 2.1(c)**

The principal issues are whether:

1. PG&E’s Smart Grid Pilot Deployment Project complies with law and Commission orders and decisions.
2. The revenue requirements for PG&E’s Smart Grid Pilot Deployment Project are just and reasonable and PG&E’s Application should be approved.

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**E. Proposed Schedule – Rule 2.1(c)**

|   |                    |
|---|--------------------|
| File Application                        | November 21, 2011  |
| Protests Due                            | December 21, 2011  |
| Reply to Protests                       | January 3, 2012    |
| Prehearing Conference                   | January 11, 2012   |
| Scoping Memo                            | January 20, 2012   |
| Intervenor reports and testimony served | March 2, 2012      |
| Applicant rebuttal testimony served     | March 30, 2012     |
| Hearing                                 | May 2- 4, 2012     |
| Post Hearing Comments and Briefs        | June 15, 2012      |
| Proposed Decision                       | September 14, 2012 |
| Opening Comments on Proposed Decision   | October 4, 2012    |
| Reply Comments on Proposed Decision     | October 9, 2012    |
| Decision                                | October 25, 2012   |

**F. 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 San Francisco, California. Its post office address is Post Office Box 7442, San Francisco, California 94120.

**G. Correspondence and Communication Regarding This Application - Rule 2.1.(b)**

All correspondence and communications regarding this Application should be addressed to Christopher J. Warner and Mwirigi Imungi at the addresses listed below:

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**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, is on record before the Commission in connection with PG&E's Application 04-05-005, filed with the Commission on May 3, 2004. These articles are incorporated herein by reference pursuant to Rule 2.2 of the Commission's Rules.

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

PG&E's balance sheet and an income statement for the three months ending September 30, 2011, are contained in Exhibit A of this Application.

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

The presently effective electric rates PG&E proposes to modify are set forth in Exhibit B of this Application.

**K. Statement of Proposed Changes and Results of Operations at Proposed Rates - Rule 3.2(a)(3)**

The proposed changes in revenues are not in excess of one percent.

**L. General Description of PG&E's Electric and Gas Department Plant - Rule 3.2(a)(4)**

Because this submittal is not a general rate application, this requirement is not applicable.

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

Exhibit C shows for the recorded year 2010, the revenues, expenses, rate bases and rate of return for PG&E's Electric and Gas Departments.

**N. Statement of Election of Method of Computing Depreciation Deduction for Federal Income Tax - Rule 3.2(a)(7)**

Because this submittal is not a general rate application, this requirement is not applicable.

**O. Most Recent Proxy Statement - Rule 3.2(a)(8)**

Because this submittal is not a general rate application, this requirement is not applicable.

**P. Type of Rate Change Requested - Rule 3.2(a)(10)**

This proposed change reflects changes in PG&E's base revenues to reflect the costs PG&E incurs to own, operate and maintain its electric plant and to enable PG&E to provide service to its customers.

**Q. Notice and Service of Application – Rule 3.2(b)-(d)**

Within twenty (20) days after filing this Application, PG&E will mail a notice stating in general terms the proposed revenues, rate changes, and ratemaking mechanisms requested in this Application to the parties listed in Exhibit D, including the State of California and cities and counties served by PG&E. A copy of the Application and attachments is being served on the parties of record in R.08-12-009.

PG&E will publish in newspapers of general circulation in each county in its service

territory a notice of filing this Application. PG&E will also include notices with the regular bills mailed to all customers affected by the proposed changes.

**R. Exhibit List and Statement of Readiness**

PG&E is ready to proceed with this case based on the Application and the prepared testimony in the accompanying exhibits in support of the revenue request set forth in this Application.

**X. REQUEST FOR COMMISSION ORDERS**

PG&E requests that the Commission issue appropriate orders:

1. Finding that PG&E's Smart Grid Pilot Deployment Project complies with law and Commission orders, including SB 17 (Padilla) and D.10-06-047;
2. Approving PG&E's revenue requirements requested in this Application as just and reasonable, and
3. Granting such additional relief as the Commission may deem proper.

Respectfully Submitted,

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By: \_\_\_\_\_ /s/  
CHRISTOPHER J. WARNER

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Dated: November 21, 2011

Attorney for  
PACIFIC GAS AND ELECTRIC COMPANY



# **EXHIBIT A**

**PACIFIC GAS AND ELECTRIC COMPANY**  
**CONDENSED CONSOLIDATED STATEMENTS OF INCOME**

(Unaudited)

| (in millions)                                   | Three Months Ended |               | Nine Months Ended |               |
|---|--------------------|---------------|-------------------|---------------|
|   | September 30,      |               | September 30,     |               |
|   | 2011               | 2010          | 2011              | 2010          |
| <b>Operating Revenues</b>                       |                    |               |                   |               |
| Electric  | \$ 3,187           | \$ 2,857      | \$ 8,691          | \$ 7,882      |
| Natural gas                                     | 672                | 656           | 2,447             | 2,338         |
| <b>Total operating revenues</b>                 | <b>3,859</b>       | <b>3,513</b>  | <b>11,138</b>     | <b>10,220</b> |
| <b>Operating Expenses</b>                       |                    |               |                   |               |
| Cost of electricity                             | 1,224              | 1,102         | 3,018             | 2,885         |
| Cost of natural gas                             | 170                | 182           | 936               | 924           |
| Operating and maintenance                       | 1,497              | 1,224         | 3,951             | 3,172         |
| Depreciation, amortization, and decommissioning | 566                | 500           | 1,648             | 1,419         |
| <b>Total operating expenses</b>                 | <b>3,457</b>       | <b>3,008</b>  | <b>9,553</b>      | <b>8,400</b>  |
| <b>Operating Income</b>                         | <b>402</b>         | <b>505</b>    | <b>1,585</b>      | <b>1,820</b>  |
| Interest income                                 | 2                  | 3             | 6                 | 7             |
| Interest expense                                | (171)              | (161)         | (511)             | (481)         |
| Other income, net                               | 19                 | 25            | 52                | 20            |
| <b>Income Before Income Taxes</b>               | <b>252</b>         | <b>372</b>    | <b>1,132</b>      | <b>1,366</b>  |
| Income tax provision                            | 56                 | 107           | 376               | 498           |
| <b>Net Income</b>                               | <b>196</b>         | <b>265</b>    | <b>756</b>        | <b>868</b>    |
| Preferred stock dividend requirement            | 3                  | 3             | 10                | 10            |
| <b>Income Available for Common Stock</b>        | <b>\$ 193</b>      | <b>\$ 262</b> | <b>\$ 746</b>     | <b>\$ 858</b> |

**PACIFIC GAS AND ELECTRIC COMPANY**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**

| (in millions)  | (Unaudited)           |                      |
|--|-----------------------|----------------------|
|  | Balance At            |                      |
|  | September 30,<br>2011 | December 31,<br>2010 |
| <b>ASSETS</b>  |                       |                      |
| <b>Current Assets</b>  |                       |                      |
| Cash and cash equivalents  | \$ 53                 | \$ 51                |
| Restricted cash (\$39 and \$38 related to energy recovery bonds at September 30, 2011 and December 31, 2010, respectively)     | 393                   | 563                  |
| Accounts receivable  |                       |                      |
| Customers (net of allowance for doubtful accounts of \$85 and \$81 at September 30, 2011 and December 31, 2010, respectively)  | 1,011                 | 944                  |
| Accrued unbilled revenue   | 737                   | 649                  |
| Regulatory balancing accounts  | 1,063                 | 1,105                |
| Other  | 821                   | 856                  |
| Regulatory assets  | 680                   | 599                  |
| Inventories  |                       |                      |
| Gas stored underground and fuel oil  | 198                   | 152                  |
| Materials and supplies   | 219                   | 205                  |
| Income taxes receivable  | 203                   | 48                   |
| Other  | 316                   | 190                  |
| <b>Total current assets</b>  | 5,694                 | 5,362                |
| <b>Property, Plant, and Equipment</b>  |                       |                      |
| Electric   | 35,120                | 33,508               |
| Gas  | 11,700                | 11,382               |
| Construction work in progress  | 1,623                 | 1,384                |
| <b>Total property, plant, and equipment</b>  | 48,443                | 46,274               |
| Accumulated depreciation   | (15,612)              | (14,826)             |
| <b>Net property, plant, and equipment</b>  | 32,831                | 31,448               |
| <b>Other Noncurrent Assets</b>   |                       |                      |
| Regulatory assets (\$435 and \$735 related to energy recovery bonds at September 30, 2011 and December 31, 2010, respectively) | 5,714                 | 5,846                |
| Nuclear decommissioning trusts   | 1,964                 | 2,009                |
| Income taxes receivable  | 456                   | 614                  |
| Other  | 338                   | 400                  |
| <b>Total other noncurrent assets</b>   | 8,472                 | 8,869                |
| <b>TOTAL ASSETS</b>  | \$ 46,997             | \$ 45,679            |

PACIFIC GAS AND ELECTRIC COMPANY  
CONDENSED CONSOLIDATED BALANCE SHEETS

| (in millions, except share amounts)   | (Unaudited)           |                      |
|---|-----------------------|----------------------|
|   | Balance At            |                      |
|   | September 30,<br>2011 | December 31,<br>2010 |
| <b>LIABILITIES AND SHAREHOLDERS' EQUITY</b>   |                       |                      |
| <b>Current Liabilities</b>  |                       |                      |
| Short-term borrowings   | \$ 1,062              | \$ 853               |
| Long-term debt, classified as current   | 50                    | 809                  |
| Energy recovery bonds, classified as current  | 418                   | 404                  |
| Accounts payable  |                       |                      |
| Trade creditors   | 1,154                 | 1,129                |
| Disputed claims and customer refunds  | 673                   | 745                  |
| Regulatory balancing accounts   | 421                   | 256                  |
| Other   | 395                   | 390                  |
| Interest payable  | 779                   | 857                  |
| Income taxes payable  | 115                   | 116                  |
| Deferred income taxes   | -                     | 118                  |
| Other   | 1,483                 | 1,349                |
| <b>Total current liabilities</b>  | <b>6,550</b>          | <b>7,026</b>         |
| <b>Noncurrent Liabilities</b>   |                       |                      |
| Long-term debt  | 11,167                | 10,557               |
| Energy recovery bonds   | 110                   | 423                  |
| Regulatory liabilities  | 4,596                 | 4,525                |
| Pension and other postretirement benefits   | 2,280                 | 2,174                |
| Asset retirement obligations  | 1,591                 | 1,586                |
| Deferred income taxes   | 6,341                 | 5,659                |
| Other   | 2,055                 | 2,008                |
| <b>Total noncurrent liabilities</b>   | <b>28,140</b>         | <b>26,932</b>        |
| <b>Commitments and Contingencies (Note 10)</b>  |                       |                      |
| <b>Shareholders' Equity</b>   |                       |                      |
| Preferred stock   | 258                   | 258                  |
| Common stock, \$5 par value, authorized 800,000,000 shares, 264,374,809<br>shares outstanding at September 30, 2011 and December 31, 2010 | 1,322                 | 1,322                |
| Additional paid-in capital  | 3,592                 | 3,241                |
| Reinvested earnings   | 7,304                 | 7,095                |
| Accumulated other comprehensive loss  | (169)                 | (195)                |
| <b>Total shareholders' equity</b>   | <b>12,307</b>         | <b>11,721</b>        |
| <b>TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY</b>   | <b>\$ 46,997</b>      | <b>\$ 45,679</b>     |

# **EXHIBIT B**

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

RESIDENTIAL RATES

| LINE NO. |                                     | 11/1/11 RATES SUMMER | 11/1/11 RATES WINTER | LINE NO. |
|----------|-------------------------------------|----------------------|----------------------|----------|
| 1        | SCHEDULE E-1                        |                      |                      | 1        |
| 2        | MINIMUM BILL (\$/MONTH)             | \$4.50               | \$4.50               | 2        |
| 3        | ES UNIT DISCOUNT (\$/UNIT/MONTH)    | \$3.22               | \$3.22               | 3        |
| 4        | ET UNIT DISCOUNT (\$/UNIT/MONTH)    | \$11.54              | \$11.54              | 4        |
| 5        | ES/ET MINIMUM RATE LIMITER (\$/KWH) | \$0.04892            | \$0.04892            | 5        |
| 6        | ENERGY (\$/KWH)                     |                      |                      | 6        |
| 7        | TIER 1                              | \$0.12233            | \$0.12233            | 7        |
| 8        | TIER 2                              | \$0.13907            | \$0.13907            | 8        |
| 9        | TIER 3                              | \$0.29276            | \$0.29276            | 9        |
| 10       | TIER 4                              | \$0.33276            | \$0.33276            | 10       |
| 11       | TIER 5                              | \$0.33276            | \$0.33276            | 11       |
| 12       | SCHEDULE EL-1 (CARE)                |                      |                      | 12       |
| 13       | MINIMUM BILL (\$/MONTH)             | \$3.60               | \$3.60               | 13       |
| 14       | ENERGY (\$/KWH)                     |                      |                      | 14       |
| 15       | TIER 1                              | \$0.08316            | \$0.08316            | 15       |
| 16       | TIER 2                              | \$0.09563            | \$0.09563            | 16       |
| 17       | TIER 3                              | \$0.12474            | \$0.12474            | 17       |

PACIFIC GAS AND ELECTRIC COMPANY  
PRESENT ELECTRIC RATES  
AS OF NOVEMBER 1, 2011

RESIDENTIAL RATES

| LINE<br>NO. | *****                       | 11/1/11<br>RATES<br>SUMMER | 11/1/11<br>RATES<br>WINTER | LINE<br>NO. |
|-------------|-----------------------------|----------------------------|----------------------------|-------------|
| 1           | SCHEDULE E-6                |                            |                            | 1           |
| 2           | MINIMUM BILL (\$/MONTH)     | \$4.50                     | \$4.50                     | 2           |
| 3           | E-6 METER CHARGE (\$/MONTH) | \$7.70                     | \$7.70                     | 3           |
| 4           | ON-PEAK ENERGY (\$/KWH)     |                            |                            | 4           |
| 5           | TIER 1                      | \$0.26555                  |                            | 5           |
| 6           | TIER 2                      | \$0.28229                  |                            | 6           |
| 7           | TIER 3                      | \$0.43633                  |                            | 7           |
| 8           | TIER 4                      | \$0.47633                  |                            | 8           |
| 9           | TIER 5                      | \$0.47633                  |                            | 9           |
| 10          | PART-PEAK ENERGY (\$/KWH)   |                            |                            | 10          |
| 11          | TIER 1                      | \$0.16207                  | \$0.11215                  | 11          |
| 12          | TIER 2                      | \$0.17881                  | \$0.12889                  | 12          |
| 13          | TIER 3                      | \$0.33285                  | \$0.28293                  | 13          |
| 14          | TIER 4                      | \$0.37285                  | \$0.32293                  | 14          |
| 15          | TIER 5                      | \$0.37285                  | \$0.32293                  | 15          |
| 16          | OFF-PEAK ENERGY (\$/KWH)    |                            |                            | 16          |
| 17          | TIER 1                      | \$0.09315                  | \$0.09704                  | 17          |
| 18          | TIER 2                      | \$0.10989                  | \$0.11378                  | 18          |
| 19          | TIER 3                      | \$0.26393                  | \$0.26782                  | 19          |
| 20          | TIER 4                      | \$0.30393                  | \$0.30782                  | 20          |
| 21          | TIER 5                      | \$0.30393                  | \$0.30782                  | 21          |
|             | *****                       |                            |                            |             |
| 22          | SCHEDULE EL-6               |                            |                            | 22          |
| 23          | MINIMUM BILL (\$/MONTH)     | \$3.60                     | \$3.60                     | 23          |
| 24          | EL-6 METER CHARGE(\$/MONTH) | \$6.16                     | \$6.16                     | 24          |
| 25          | ON-PEAK ENERGY (\$/KWH)     |                            |                            | 25          |
| 26          | TIER 1                      | \$0.19655                  |                            | 26          |
| 27          | TIER 2                      | \$0.21008                  |                            | 27          |
| 28          | TIER 3                      | \$0.29483                  |                            | 28          |
| 29          | PART-PEAK ENERGY (\$/KWH)   |                            |                            | 29          |
| 30          | TIER 1                      | \$0.11451                  | \$0.07494                  | 30          |
| 31          | TIER 2                      | \$0.12804                  | \$0.08845                  | 31          |
| 32          | TIER 3                      | \$0.17177                  | \$0.11241                  | 32          |
| 33          | OFF-PEAK ENERGY (\$/KWH)    |                            |                            | 33          |
| 34          | TIER 1                      | \$0.05987                  | \$0.06295                  | 34          |
| 35          | TIER 2                      | \$0.07340                  | \$0.07647                  | 35          |
| 36          | TIER 3                      | \$0.08981                  | \$0.09443                  | 36          |
|             | *****                       |                            |                            |             |

PACIFIC GAS AND ELECTRIC COMPANY  
PRESENT ELECTRIC RATES  
AS OF NOVEMBER 1, 2011

RESIDENTIAL RATES

| LINE<br>NO. |                                | 11/1/11<br>RATES<br>SUMMER | 11/1/11<br>RATES<br>WINTER | LINE<br>NO. |
|-------------|--------------------------------|----------------------------|----------------------------|-------------|
| *****       |                                |                            |                            |             |
| 1           | SCHEDULE E-7                   |                            |                            | 1           |
| 2           | MINIMUM BILL (\$/MONTH)        | \$4.50                     | \$4.50                     | 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                         | \$0.29821                  | \$0.10565                  | 6           |
| 7           | TIER 2                         | \$0.31550                  | \$0.12294                  | 7           |
| 8           | TIER 3                         | \$0.46919                  | \$0.27663                  | 8           |
| 9           | TIER 4                         | \$0.50919                  | \$0.31663                  | 9           |
| 10          | TIER 5                         | \$0.50919                  | \$0.31663                  | 10          |
| 11          | OFF-PEAK ENERGY (\$/KWH)       |                            |                            | 11          |
| 12          | TIER 1                         | \$0.07544                  | \$0.07869                  | 12          |
| 13          | TIER 2                         | \$0.09273                  | \$0.09598                  | 13          |
| 14          | TIER 3                         | \$0.24642                  | \$0.24967                  | 14          |
| 15          | TIER 4                         | \$0.28642                  | \$0.28967                  | 15          |
| 16          | TIER 5                         | \$0.28642                  | \$0.28967                  | 16          |
| *****       |                                |                            |                            |             |
| 17          | SCHEDULE EL-7                  |                            |                            | 17          |
| 18          | MINIMUM BILL (\$/MONTH)        | \$4.50                     | \$4.50                     | 18          |
| 19          | EL-7 METER CHARGE(\$/MONTH)    | \$0.00                     | \$0.00                     | 19          |
| 20          | ON-PEAK ENERGY (\$/KWH)        |                            |                            | 20          |
| 21          | TIER 1                         | \$0.26813                  | \$0.08913                  | 21          |
| 22          | TIER 2                         | \$0.28372                  | \$0.10472                  | 22          |
| 23          | TIER 3                         | \$0.40220                  | \$0.13370                  | 23          |
| 24          | OFF-PEAK ENERGY (\$/KWH)       |                            |                            | 24          |
| 25          | TIER 1                         | \$0.06105                  | \$0.06407                  | 25          |
| 26          | TIER 2                         | \$0.07664                  | \$0.07966                  | 26          |
| 27          | TIER 3                         | \$0.09158                  | \$0.09611                  | 27          |
| *****       |                                |                            |                            |             |
| 28          | SCHEDULE E-8                   |                            |                            | 28          |
| 29          | CUSTOMER CHARGE (\$/MONTH)     | \$12.53                    | \$12.53                    | 29          |
| 30          | ENERGY (\$/KWH)                |                            |                            | 30          |
| 31          | TIER 1                         | \$0.12638                  | \$0.08092                  | 31          |
| 32          | TIER 2                         | \$0.12638                  | \$0.08092                  | 32          |
| 33          | TIER 3                         | \$0.28007                  | \$0.23461                  | 33          |
| 34          | TIER 4                         | \$0.32007                  | \$0.27461                  | 34          |
| 35          | TIER 5                         | \$0.32007                  | \$0.27461                  | 35          |
| *****       |                                |                            |                            |             |
| 36          | SCHEDULE EL-8 (CARE)           |                            |                            | 36          |
| 37          | CUSTOMER CHARGE (\$/MONTH)     | \$10.02                    | \$10.02                    | 37          |
| 38          | ENERGY CHARGE (\$/KWH)         |                            |                            | 38          |
| 39          | TIER 1                         | \$0.08624                  | \$0.05234                  | 39          |
| 40          | TIER 2                         | \$0.08624                  | \$0.05234                  | 40          |
| 41          | TIER 3                         | \$0.12936                  | \$0.07851                  | 41          |
| *****       |                                |                            |                            |             |

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

RESIDENTIAL RATES

| LINE NO. |                                | 11/1/11 RATES SUMMER | 11/1/11 RATES WINTER | LINE NO. |
|----------|--------------------------------|----------------------|----------------------|----------|
| 1        | SCHEDULE E-A7                  |                      |                      | 1        |
| 2        | MINIMUM BILL (\$/MONTH)        | \$4.50               | \$4.50               | 2        |
| 3        | E-A7 METER CHARGE (\$/MONTH)   | \$3.51               | \$3.51               | 3        |
| 4        | RATE Y METER CHARGE (\$/MONTH) | \$1.17               | \$1.17               | 4        |
| 5        | ON-PEAK ENERGY (\$/KWH)        |                      |                      | 5        |
| 6        | TIER 1                         | \$0.32928            | \$0.10480            | 6        |
| 7        | TIER 2                         | \$0.34657            | \$0.12209            | 7        |
| 8        | TIER 3                         | \$0.50026            | \$0.27578            | 8        |
| 9        | TIER 4                         | \$0.54026            | \$0.31578            | 9        |
| 10       | TIER 5                         | \$0.54026            | \$0.31578            | 10       |
| 11       | OFF-PEAK ENERGY (\$/KWH)       |                      |                      | 11       |
| 12       | TIER 1                         | \$0.07097            | \$0.07878            | 12       |
| 13       | TIER 2                         | \$0.08826            | \$0.09607            | 13       |
| 14       | TIER 3                         | \$0.24195            | \$0.24976            | 14       |
| 15       | TIER 4                         | \$0.28195            | \$0.28976            | 15       |
| 16       | TIER 5                         | \$0.28195            | \$0.28976            | 16       |
| 17       | SCHEDULE EL-A7                 |                      |                      | 17       |
| 18       | MINIMUM BILL (\$/MONTH)        | \$4.50               | \$4.50               | 18       |
| 19       | EL-A7 METER CHARGE(\$/MONTH)   | \$0.00               | \$0.00               | 19       |
| 20       | ON-PEAK ENERGY (\$/KWH)        |                      |                      | 20       |
| 21       | TIER 1                         | \$0.29701            | \$0.08834            | 21       |
| 22       | TIER 2                         | \$0.31260            | \$0.10393            | 22       |
| 23       | TIER 3                         | \$0.44552            | \$0.13251            | 23       |
| 24       | OFF-PEAK ENERGY (\$/KWH)       |                      |                      | 24       |
| 25       | TIER 1                         | \$0.05689            | \$0.06415            | 25       |
| 26       | TIER 2                         | \$0.07248            | \$0.07974            | 26       |
| 27       | TIER 3                         | \$0.08534            | \$0.09623            | 27       |
| 28       | SCHEDULE E-9: RATE A           |                      |                      | 28       |
| 29       | MINIMUM BILL (\$/MONTH)        | \$4.50               | \$4.50               | 29       |
| 30       | E-9 METER CHARGE (\$/MONTH)    | \$6.66               | \$6.66               | 30       |
| 31       | ON-PEAK ENERGY (\$/KWH)        |                      |                      | 31       |
| 32       | TIER 1                         | \$0.28741            |                      | 32       |
| 33       | TIER 2                         | \$0.30470            |                      | 33       |
| 34       | TIER 3                         | \$0.48478            |                      | 34       |
| 35       | TIER 4                         | \$0.52478            |                      | 35       |
| 36       | TIER 5                         | \$0.52478            |                      | 36       |
| 37       | PART-PEAK ENERGY (\$/KWH)      |                      |                      | 37       |
| 38       | TIER 1                         | \$0.09406            | \$0.09394            | 38       |
| 39       | TIER 2                         | \$0.11135            | \$0.11123            | 39       |
| 40       | TIER 3                         | \$0.29143            | \$0.29131            | 40       |
| 41       | TIER 4                         | \$0.33143            | \$0.33131            | 41       |
| 42       | TIER 5                         | \$0.33143            | \$0.33131            | 42       |
| 43       | OFF-PEAK ENERGY (\$/KWH)       |                      |                      | 43       |
| 44       | TIER 1                         | \$0.03565            | \$0.04457            | 44       |
| 45       | TIER 2                         | \$0.05294            | \$0.06186            | 45       |
| 46       | TIER 3                         | \$0.15715            | \$0.15715            | 46       |
| 47       | TIER 4                         | \$0.19715            | \$0.19715            | 47       |
| 48       | TIER 5                         | \$0.19715            | \$0.19715            | 48       |

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

RESIDENTIAL RATES

| LINE NO. |                             | 11/1/11 RATES SUMMER | 11/1/11 RATES WINTER | LINE NO. |
|----------|-----------------------------|----------------------|----------------------|----------|
| *****    |                             |                      |                      |          |
| 1        | SCHEDULE E-9: RATE B        |                      |                      | 1        |
| 2        | MINIMUM BILL (\$/MONTH)     | \$4.50               | \$4.50               | 2        |
| 3        | E-9 METER CHARGE (\$/MONTH) | \$6.66               | \$6.66               | 3        |
| 4        | ON-PEAK ENERGY (\$/KWH)     |                      |                      | 4        |
| 5        | TIER 1                      | \$0.28310            |                      | 5        |
| 6        | TIER 2                      | \$0.30039            |                      | 6        |
| 7        | TIER 3                      | \$0.48047            |                      | 7        |
| 8        | TIER 4                      | \$0.52047            |                      | 8        |
| 9        | TIER 5                      | \$0.52047            |                      | 9        |
| 10       | PART-PEAK ENERGY (\$/KWH)   |                      |                      | 10       |
| 11       | TIER 1                      | \$0.08975            | \$0.09011            | 11       |
| 12       | TIER 2                      | \$0.10704            | \$0.10740            | 12       |
| 13       | TIER 3                      | \$0.28712            | \$0.28748            | 13       |
| 14       | TIER 4                      | \$0.32712            | \$0.32748            | 14       |
| 15       | TIER 5                      | \$0.32712            | \$0.32748            | 15       |
| 16       | OFF-PEAK ENERGY (\$/KWH)    |                      |                      | 16       |
| 17       | TIER 1                      | \$0.04266            | \$0.05085            | 17       |
| 18       | TIER 2                      | \$0.05995            | \$0.06814            | 18       |
| 19       | TIER 3                      | \$0.24003            | \$0.24822            | 19       |
| 20       | TIER 4                      | \$0.28003            | \$0.28822            | 20       |
| 21       | TIER 5                      | \$0.28003            | \$0.28822            | 21       |
| *****    |                             |                      |                      |          |

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

SMALL L&P RATES

| LINE NO. |  | 11/1/11 RATES SUMMER | 11/1/11 RATES WINTER | LINE NO. |
|----------|--|----------------------|----------------------|----------|
| 1        | SCHEDULE A-1                           |                      |                      | 1        |
| 2        | CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.) | \$9.00               | \$9.00               | 2        |
| 3        | CUSTOMER CHARGE: POLYPHASE (\$/MO.)    | \$13.50              | \$13.50              | 3        |
| 4        | ENERGY (\$/KWH)                        | \$0.19712            | \$0.14747            | 4        |
| *****    |  |                      |                      |          |
| 5        | SCHEDULE A-1 TOU                       |                      |                      | 5        |
| 6        | CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.) | \$9.00               | \$9.00               | 6        |
| 7        | CUSTOMER CHARGE: POLYPHASE (\$/MO.)    | \$13.50              | \$13.50              | 7        |
| 8        | ENERGY (\$/KWH)                        |                      |                      | 8        |
| 9        | ON-PEAK                                | \$0.22231            |                      | 9        |
| 10       | PART-PEAK                              | \$0.19644            | \$0.15284            | 10       |
| 11       | OFF-PEAK ENERGY                        | \$0.18101            | \$0.14179            | 11       |
| *****    |  |                      |                      |          |
| 12       | SCHEDULE A-6                           |                      |                      | 12       |
| 13       | CUSTOMER CHARGE: SINGLE-PHASE (\$/MO.) | \$9.00               | \$9.00               | 13       |
| 14       | CUSTOMER CHARGE: POLYPHASE (\$/MO.)    | \$13.50              | \$13.50              | 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                                | \$0.44703            |                      | 19       |
| 20       | PART-PEAK                              | \$0.20182            | \$0.16794            | 20       |
| 21       | OFF-PEAK ENERGY                        | \$0.12183            | \$0.12503            | 21       |
| *****    |  |                      |                      |          |
| 22       | SCHEDULE A-15                          |                      |                      | 22       |
| 23       | CUSTOMER CHARGE (\$/MONTH)             | \$9.00               | \$9.00               | 23       |
| 24       | FACILITY CHARGE (\$/MONTH)             | \$20.00              | \$20.00              | 24       |
| 25       | ENERGY (\$/KWH)                        | \$0.19712            | \$0.14747            | 25       |
| *****    |  |                      |                      |          |
| 26       | SCHEDULE TC-1                          |                      |                      | 26       |
| 27       | CUSTOMER CHARGE (\$/MONTH)             | \$9.00               | \$9.00               | 27       |
| 28       | ENERGY (\$/KWH)                        | \$0.13571            | \$0.13571            | 28       |
| *****    |  |                      |                      |          |

PACIFIC GAS AND ELECTRIC COMPANY  
PRESENT ELECTRIC RATES  
AS OF NOVEMBER 1, 2011

MEDIUM L&P RATES

| LINE<br>NO. |                                  | 11/1/11<br>RATES<br>SUMMER | 11/1/11<br>RATES<br>WINTER | LINE<br>NO. |
|-------------|----------------------------------|----------------------------|----------------------------|-------------|
| *****       |                                  |                            |                            |             |
| 1           | SCHEDULE A-10                    |                            |                            | 1           |
| 2           | CUSTOMER CHARGE (\$/MONTH)       | \$120.00                   | \$120.00                   | 2           |
| 3           | MAXIMUM DEMAND CHARGE (\$/KW/MO) |                            |                            | 3           |
| 4           | SECONDARY VOLTAGE                | \$11.05                    | \$7.02                     | 4           |
| 5           | PRIMARY VOLTAGE                  | \$10.39                    | \$6.49                     | 5           |
| 6           | TRANSMISSION VOLTAGE             | \$7.96                     | \$4.58                     | 6           |
| 7           | ENERGY CHARGE (\$/KWH)           |                            |                            | 7           |
| 8           | SECONDARY VOLTAGE                | \$0.13666                  | \$0.10643                  | 8           |
| 9           | PRIMARY VOLTAGE                  | \$0.13007                  | \$0.10142                  | 9           |
| 10          | TRANSMISSION VOLTAGE             | \$0.11470                  | \$0.09101                  | 10          |
| *****       |                                  |                            |                            |             |
| 11          | SCHEDULE A-10 TOU                |                            |                            | 11          |
| 12          | CUSTOMER CHARGE (\$/MONTH)       | \$120.00                   | \$120.00                   | 12          |
| 13          | MAXIMUM DEMAND CHARGE (\$/KW/MO) |                            |                            | 13          |
| 14          | SECONDARY VOLTAGE                | \$11.05                    | \$7.02                     | 14          |
| 15          | PRIMARY VOLTAGE                  | \$10.39                    | \$6.49                     | 15          |
| 16          | TRANSMISSION VOLTAGE             | \$7.96                     | \$4.58                     | 16          |
| 17          | ENERGY CHARGE (\$/KWH)           |                            |                            | 17          |
| 18          | SECONDARY                        |                            |                            | 18          |
| 19          | ON PEAK                          | \$0.15633                  |                            | 19          |
| 20          | PARTIAL PEAK                     | \$0.13692                  | \$0.11110                  | 20          |
| 21          | OFF-PEAK                         | \$0.12536                  | \$0.10182                  | 21          |
| 22          | PRIMARY                          |                            |                            | 22          |
| 23          | ON PEAK                          | \$0.14785                  |                            | 23          |
| 24          | PARTIAL PEAK                     | \$0.13055                  | \$0.10513                  | 24          |
| 25          | OFF-PEAK                         | \$0.11982                  | \$0.09784                  | 25          |
| 26          | TRANSMISSION                     |                            |                            | 26          |
| 27          | ON PEAK                          | \$0.13193                  |                            | 27          |
| 28          | PARTIAL PEAK                     | \$0.11498                  | \$0.09457                  | 28          |
| 29          | OFF-PEAK                         | \$0.10487                  | \$0.08759                  | 29          |
| *****       |                                  |                            |                            |             |

PACIFIC GAS AND ELECTRIC COMPANY  
PRESENT ELECTRIC RATES  
AS OF NOVEMBER 1, 2011

E-19 FIRM RATES

| LINE<br>NO. |   | 11/1/11<br>RATES<br>SUMMER | 11/1/11<br>RATES<br>WINTER | LINE<br>NO. |
|-------------|---|----------------------------|----------------------------|-------------|
| *****       |   |                            |                            |             |
| 1           | SCHEDULE E-19 T FIRM                      |                            |                            | 1           |
| 2           | CUSTOMER CHARGE > 500 KW (\$/MONTH)       | \$1,200.00                 | \$1,200.00                 | 2           |
| 3           | CUSTOMER CHARGE < 500 KW (\$/MONTH)       | \$120.00                   | \$120.00                   | 3           |
| 4           | TOU METER CHARGE - RATES V & X (\$/MONTH) | \$5.40                     | \$5.40                     | 4           |
| 5           | TOU METER CHARGE - RATE W (\$/MONTH)      | \$1.08                     | \$1.08                     | 5           |
| 6           | DEMAND CHARGE (\$/KW/MONTH)               |                            |                            | 6           |
| 7           | ON-PEAK                                   | \$7.88                     |                            | 7           |
| 8           | PARTIAL PEAK                              | \$1.78                     | \$0.00                     | 8           |
| 9           | MAXIMUM                                   | \$6.24                     | \$6.24                     | 9           |
| 10          | ENERGY CHARGE (\$/KWH)                    |                            |                            | 10          |
| 11          | ON-PEAK                                   | \$0.10854                  |                            | 11          |
| 12          | PARTIAL-PEAK                              | \$0.08958                  | \$0.08270                  | 12          |
| 13          | OFF-PEAK                                  | \$0.07824                  | \$0.07487                  | 13          |
| *****       |   |                            |                            |             |
| 14          | SCHEDULE E-19 P FIRM                      |                            |                            | 14          |
| 15          | CUSTOMER CHARGE > 500 KW (\$/MONTH)       | \$600.00                   | \$600.00                   | 15          |
| 16          | CUSTOMER CHARGE < 500 KW (\$/MONTH)       | \$120.00                   | \$120.00                   | 16          |
| 17          | TOU METER CHARGE - RATES V & X (\$/MONTH) | \$5.40                     | \$5.40                     | 17          |
| 18          | TOU METER CHARGE - RATE W (\$/MONTH)      | \$1.08                     | \$1.08                     | 18          |
| 19          | DEMAND CHARGE (\$/KW/MONTH)               |                            |                            | 19          |
| 20          | ON-PEAK                                   | \$10.86                    |                            | 20          |
| 21          | PARTIAL PEAK                              | \$2.51                     | \$0.92                     | 21          |
| 22          | MAXIMUM                                   | \$8.07                     | \$8.07                     | 22          |
| 23          | ENERGY CHARGE (\$/KWH)                    |                            |                            | 23          |
| 24          | ON-PEAK                                   | \$0.14472                  |                            | 24          |
| 25          | PARTIAL-PEAK                              | \$0.10111                  | \$0.08873                  | 25          |
| 26          | OFF-PEAK                                  | \$0.08243                  | \$0.07920                  | 26          |
| 27          | AVERAGE RATE LIMIT (\$/KWH)               | \$0.23657                  |                            | 27          |
| *****       |   |                            |                            |             |
| 28          | SCHEDULE E-19 S FIRM                      |                            |                            | 28          |
| 29          | CUSTOMER CHARGE > 500 KW (\$/MONTH)       | \$412.50                   | \$412.50                   | 29          |
| 30          | CUSTOMER CHARGE < 500 KW (\$/MONTH)       | \$120.00                   | \$120.00                   | 30          |
| 31          | TOU METER CHARGE - RATES V & X (\$/MONTH) | \$5.40                     | \$5.40                     | 31          |
| 32          | TOU METER CHARGE - RATE W (\$/MONTH)      | \$1.08                     | \$1.08                     | 32          |
| 33          | DEMAND CHARGE (\$/KW/MONTH)               |                            |                            | 33          |
| 34          | ON-PEAK                                   | \$12.11                    |                            | 34          |
| 35          | PARTIAL PEAK                              | \$2.81                     | \$1.22                     | 35          |
| 36          | MAXIMUM                                   | \$9.27                     | \$9.27                     | 36          |
| 37          | ENERGY CHARGE (\$/KWH)                    |                            |                            | 37          |
| 38          | ON-PEAK                                   | \$0.14581                  |                            | 38          |
| 39          | PARTIAL-PEAK                              | \$0.10333                  | \$0.09345                  | 39          |
| 40          | OFF-PEAK                                  | \$0.08611                  | \$0.08372                  | 40          |
| 41          | AVERAGE RATE LIMIT (\$/KWH)               | \$0.23657                  |                            | 41          |
| *****       |   |                            |                            |             |

PACIFIC GAS AND ELECTRIC COMPANY  
PRESENT ELECTRIC RATES  
AS OF NOVEMBER 1, 2011

E-20 FIRM RATES

| LINE<br>NO. |                                 | 11/1/11<br>RATES<br>SUMMER | 11/1/11<br>RATES<br>WINTER | LINE<br>NO. |
|-------------|---------------------------------|----------------------------|----------------------------|-------------|
| *****       |                                 |                            |                            |             |
| 1           | SCHEDULE E-20 T FIRM            |                            |                            | 1           |
| 2           | CUSTOMER CHARGE (\$/MONTH)-FIRM | \$1,500.00                 | \$1,500.00                 | 2           |
| 3           | DEMAND CHARGE (\$/KW/MONTH)     |                            |                            | 3           |
| 4           | ON-PEAK                         | \$9.55                     |                            | 4           |
| 5           | PARTIAL PEAK                    | \$2.14                     | \$0.00                     | 5           |
| 6           | MAXIMUM                         | \$4.79                     | \$4.79                     | 6           |
| 7           | ENERGY CHARGE (\$/KWH)          |                            |                            | 7           |
| 8           | ON-PEAK                         | \$0.10115                  |                            | 8           |
| 9           | PARTIAL-PEAK                    | \$0.08356                  | \$0.07719                  | 9           |
| 10          | OFF-PEAK                        | \$0.07307                  | \$0.06995                  | 10          |
| *****       |                                 |                            |                            |             |
| 11          | SCHEDULE E-20 P FIRM            |                            |                            | 11          |
| 12          | CUSTOMER CHARGE (\$/MONTH)      | \$1,000.00                 | \$1,000.00                 | 12          |
| 13          | DEMAND CHARGE (\$/KW/MONTH)     |                            |                            | 13          |
| 14          | ON-PEAK                         | \$10.98                    |                            | 14          |
| 15          | PARTIAL PEAK                    | \$2.57                     | \$0.80                     | 15          |
| 16          | MAXIMUM                         | \$7.95                     | \$7.95                     | 16          |
| 17          | ENERGY CHARGE (\$/KWH)          |                            |                            | 17          |
| 18          | ON-PEAK                         | \$0.14160                  |                            | 18          |
| 19          | PARTIAL-PEAK                    | \$0.09939                  | \$0.08718                  | 19          |
| 20          | OFF-PEAK                        | \$0.08128                  | \$0.07800                  | 20          |
| 21          | AVERAGE RATE LIMIT (\$/KWH)     | \$0.23094                  |                            | 21          |
| *****       |                                 |                            |                            |             |
| 22          | SCHEDULE E-20 S FIRM            |                            |                            | 22          |
| 23          | CUSTOMER CHARGE (\$/MONTH)      | \$750.00                   | \$750.00                   | 23          |
| 24          | DEMAND CHARGE (\$/KW/MONTH)     |                            |                            | 24          |
| 25          | ON-PEAK                         | \$11.79                    |                            | 25          |
| 26          | PARTIAL PEAK                    | \$2.65                     | \$1.21                     | 26          |
| 27          | MAXIMUM                         | \$9.44                     | \$9.44                     | 27          |
| 28          | ENERGY CHARGE (\$/KWH)          |                            |                            | 28          |
| 29          | ON-PEAK                         | \$0.13965                  |                            | 29          |
| 30          | PARTIAL-PEAK                    | \$0.09979                  | \$0.09056                  | 30          |
| 31          | OFF-PEAK                        | \$0.08351                  | \$0.08125                  | 31          |
| 32          | AVERAGE RATE LIMIT (\$/KWH)     | \$0.23094                  |                            | 32          |
| *****       |                                 |                            |                            |             |

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

OIL AND GAS EXTRACTION RATES

| LINE NO. |                                      | 11/1/11 RATES SUMMER | 11/1/11 RATES WINTER | LINE NO. |
|----------|--------------------------------------|----------------------|----------------------|----------|
| 1        | SCHEDULE E-37                        |                      |                      | 1        |
| 2        | CUSTOMER CHARGE (\$/MONTH)           | \$30.00              | \$30.00              | 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)     | \$7.02               |                      | 5        |
| 6        | MAXIMUM DEMAND CHARGE (\$/KW/MO)     |                      |                      | 6        |
| 7        | SECONDARY VOLTAGE                    | \$10.75              | \$4.09               | 7        |
| 8        | PRIMARY VOLTAGE DISCOUNT             | \$1.24               | \$0.14               | 8        |
| 9        | TRANSMISSION VOLTAGE DISCOUNT        | \$8.00               | \$3.52               | 9        |
| 10       | ENERGY (\$/KWH)                      |                      |                      | 10       |
| 11       | ON-PEAK                              | \$0.16525            |                      | 11       |
| 12       | PART-PEAK                            |                      | \$0.08860            | 12       |
| 13       | OFF-PEAK                             | \$0.07315            | \$0.06676            | 13       |

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

STANDBY RATES

| LINE NO. |  | 11/1/11 RATES SUMMER | 11/1/11 RATES WINTER | LINE NO. |
|----------|--|----------------------|----------------------|----------|
| *****    |  |                      |                      |          |
| 1        | SCHEDULE S - TRANSMISSION                |                      |                      | 1        |
| 2        | CONTRACT CAPACITY CHARGE (\$/KW/MO.)     | \$0.95               | \$0.95               | 2        |
| 3        | EFFECTIVE RESERVATION CHARGE (\$/KW/MO.) | \$0.81               | \$0.81               | 3        |
| 4        | ENERGY (\$/KWH)                          |                      |                      | 4        |
| 5        | ON-PEAK                                  | \$0.11100            |                      | 5        |
| 6        | PART-PEAK                                | \$0.09686            | \$0.09175            | 6        |
| 7        | OFF-PEAK                                 | \$0.08844            | \$0.08591            | 7        |
| *****    |  |                      |                      |          |
| 8        | SCHEDULE S - PRIMARY                     |                      |                      | 8        |
| 9        | CONTRACT CAPACITY CHARGE (\$/KW/MO.)     | \$2.73               | \$2.73               | 9        |
| 10       | EFFECTIVE RESERVATION CHARGE (\$/KW/MO.) | \$2.32               | \$2.32               | 10       |
| 11       | ENERGY (\$/KWH)                          |                      |                      | 11       |
| 12       | ON-PEAK                                  | \$0.29575            |                      | 12       |
| 13       | PART-PEAK                                | \$0.18106            | \$0.15953            | 13       |
| 14       | OFF-PEAK                                 | \$0.13771            | \$0.13543            | 14       |
| *****    |  |                      |                      |          |
| 15       | SCHEDULE S - SECONDARY                   |                      |                      | 15       |
| 16       | CONTRACT CAPACITY CHARGE (\$/KW/MO.)     | \$2.75               | \$2.75               | 16       |
| 17       | EFFECTIVE RESERVATION CHARGE (\$/KW/MO.) | \$2.34               | \$2.34               | 17       |
| 18       | ENERGY (\$/KWH)                          |                      |                      | 18       |
| 19       | ON-PEAK                                  | \$0.29655            |                      | 19       |
| 20       | PART-PEAK                                | \$0.18031            | \$0.16005            | 20       |
| 21       | OFF-PEAK                                 | \$0.13646            | \$0.13418            | 21       |
| *****    |  |                      |                      |          |

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

STANDBY RATES

| LINE NO. |   | 11/1/11 RATES SUMMER | 11/1/11 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)                                 | \$16.00              | \$16.00              | 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)                    | \$9.00               | \$9.00               | 9        |
| 10       | POLY PHASE CUSTOMER CHARGE (\$/MO)                      | \$13.50              | \$13.50              | 10       |
| 11       | METER CHARGE (\$/MO)                                    | \$6.12               | \$6.12               | 11       |
| 12       | MEDIUM LIGHT AND POWER (>50 kW, <500 kW)                |                      |                      | 12       |
| 13       | CUSTOMER CHARGE (\$/MO)                                 | \$120.00             | \$120.00             | 13       |
| 14       | METER CHARGE (\$/MO)                                    | \$5.40               | \$5.40               | 14       |
| 15       | MEDIUM LIGHT AND POWER (>500kW)                         |                      |                      | 15       |
| 16       | TRANSMISSION CUSTOMER CHARGE (\$/MO)                    | \$1,200.00           | \$1,200.00           | 16       |
| 17       | PRIMARY CUSTOMER CHARGE (\$/MO)                         | \$600.00             | \$600.00             | 17       |
| 18       | SECONDARY CUSTOMER CHARGE (\$/MO)                       | \$412.50             | \$412.50             | 18       |
| 19       | LARGE LIGHT AND POWER (> 1000 kW)                       |                      |                      | 19       |
| 20       | TRANSMISSION CUSTOMER CHARGE (\$/MO)                    | \$1,500.00           | \$1,500.00           | 20       |
| 21       | PRIMARY CUSTOMER CHARGE (\$/MO)                         | \$1,000.00           | \$1,000.00           | 21       |
| 22       | SECONDARY CUSTOMER CHARGE (\$/MO)                       | \$750.00             | \$750.00             | 22       |
| 23       | REDUCED CUSTOMER CHARGES (\$/MO)                        |                      |                      | 23       |
| 24       | SMALL LIGHT AND PWR ( < 50 kW)                          | \$11.90              | \$11.90              | 24       |
| 25       | MED LIGHT AND PWR (Res Capacity >50 kW and <500 kW)     | \$57.32              | \$57.32              | 25       |
| 26       | MED LIGHT AND PWR (Res Capacity > 500 kW and < 1000 kW) | \$851.00             | \$851.00             | 26       |

PACIFIC GAS AND ELECTRIC COMPANY  
PRESENT ELECTRIC RATES  
AS OF NOVEMBER 1, 2011

AGRICULTURAL RATES

| LINE<br>NO. |  | 11/1/11<br>RATES<br>SUMMER | 11/1/11<br>RATES<br>WINTER | LINE<br>NO. |
|-------------|--|----------------------------|----------------------------|-------------|
| 1           | SCHEDULE AG-1A                           |                            |                            | 1           |
| 2           | CUSTOMER CHARGE (\$/MONTH)               | \$14.40                    | \$14.40                    | 2           |
| 3           | CONNECTED LOAD CHARGE (\$/KW/MONTH)      | \$5.29                     | \$0.99                     | 3           |
| 4           | ENERGY CHARGE (\$/KWH)                   | \$0.21295                  | \$0.16833                  | 4           |
| 5           | SCHEDULE AG-RA                           |                            |                            | 5           |
| 6           | CUSTOMER CHARGE - RATES A & D (\$/MONTH) | \$14.40                    | \$14.40                    | 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)      | \$4.75                     | \$0.76                     | 9           |
| 10          | ENERGY (\$/KWH)                          |                            |                            | 10          |
| 11          | ON-PEAK                                  | \$0.37597                  |                            | 11          |
| 12          | PART-PEAK                                |                            | \$0.13905                  | 12          |
| 13          | OFF-PEAK                                 | \$0.13608                  | \$0.11629                  | 13          |
| 14          | SCHEDULE AG-VA                           |                            |                            | 14          |
| 15          | CUSTOMER CHARGE - RATES A & D (\$/MONTH) | \$14.40                    | \$14.40                    | 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)      | \$4.77                     | \$0.79                     | 18          |
| 19          | ENERGY (\$/KWH)                          |                            |                            | 19          |
| 20          | ON-PEAK                                  | \$0.35096                  |                            | 20          |
| 21          | PART-PEAK                                |                            | \$0.13978                  | 21          |
| 22          | OFF-PEAK                                 | \$0.13360                  | \$0.11697                  | 22          |
| 23          | SCHEDULE AG-4A                           |                            |                            | 23          |
| 24          | CUSTOMER CHARGE - RATES A & D (\$/MONTH) | \$14.40                    | \$14.40                    | 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)      | \$4.74                     | \$0.69                     | 27          |
| 28          | ENERGY (\$/KWH)                          |                            |                            | 28          |
| 29          | ON-PEAK                                  | \$0.28712                  |                            | 29          |
| 30          | PART-PEAK                                |                            | \$0.13922                  | 30          |
| 31          | OFF-PEAK                                 | \$0.13466                  | \$0.11667                  | 31          |
| 32          | SCHEDULE AG-5A                           |                            |                            | 32          |
| 33          | CUSTOMER CHARGE - RATES A & D (\$/MONTH) | \$14.40                    | \$14.40                    | 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)      | \$7.82                     | \$1.40                     | 36          |
| 37          | ENERGY (\$/KWH)                          |                            |                            | 37          |
| 38          | ON-PEAK                                  | \$0.22282                  |                            | 38          |
| 39          | PART-PEAK                                |                            | \$0.12404                  | 39          |
| 40          | OFF-PEAK                                 | \$0.11835                  | \$0.10656                  | 40          |

**PACIFIC GAS AND ELECTRIC COMPANY**  
**PRESENT ELECTRIC RATES**  
**AS OF NOVEMBER 1, 2011**  
**AGRICULTURAL RATES**

| LINE NO. |  | 11/1/11<br>RATES<br>SUMMER | 11/1/11<br>RATES<br>WINTER | LINE NO. |
|----------|--|----------------------------|----------------------------|----------|
| 1        | SCHEDULE AG-1B                           |                            |                            | 1        |
| 2        | CUSTOMER CHARGE (\$/MONTH)               | \$19.20                    | \$19.20                    | 2        |
| 3        | MAXIMUM DEMAND CHARGE (\$/KW/MONTH)      |                            |                            | 3        |
| 4        | SECONDARY VOLTAGE                        | \$8.00                     | \$1.60                     | 4        |
| 5        | PRIMARY VOLTAGE DISCOUNT                 | \$0.87                     | \$0.22                     | 5        |
| 6        | ENERGY CHARGE (\$/KWH)                   | \$0.18241                  | \$0.14463                  | 6        |
| *****    |  |                            |                            |          |
| 7        | SCHEDULE AG-RB                           |                            |                            | 7        |
| 8        | CUSTOMER CHARGE - RATES B & E (\$/MONTH) | \$19.20                    | \$19.20                    | 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)      | \$2.61                     |                            | 11       |
| 12       | MAXIMUM DEMAND CHARGE (\$/KW/MONTH)      |                            |                            | 12       |
| 13       | SECONDARY VOLTAGE                        | \$6.60                     | \$1.32                     | 13       |
| 14       | PRIMARY VOLTAGE DISCOUNT                 | \$0.57                     | \$0.21                     | 14       |
| 15       | ENERGY CHARGE (\$/KWH)                   |                            |                            | 15       |
| 16       | ON-PEAK                                  | \$0.35625                  |                            | 16       |
| 17       | PART-PEAK                                |                            | \$0.12493                  | 17       |
| 18       | OFF-PEAK                                 | \$0.13267                  | \$0.10637                  | 18       |
| *****    |  |                            |                            |          |
| 19       | SCHEDULE AG-VB                           |                            |                            | 19       |
| 20       | CUSTOMER CHARGE - RATES B & E (\$/MONTH) | \$19.20                    | \$19.20                    | 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)      | \$2.59                     |                            | 23       |
| 24       | MAXIMUM DEMAND CHARGE (\$/KW/MONTH)      |                            |                            | 24       |
| 25       | SECONDARY VOLTAGE                        | \$6.64                     | \$1.30                     | 25       |
| 26       | PRIMARY VOLTAGE DISCOUNT                 | \$0.62                     | \$0.20                     | 26       |
| 27       | ENERGY CHARGE (\$/KWH)                   |                            |                            | 27       |
| 28       | ON-PEAK                                  | \$0.32831                  |                            | 28       |
| 29       | PART-PEAK                                |                            | \$0.12348                  | 29       |
| 30       | OFF-PEAK                                 | \$0.12934                  | \$0.10514                  | 30       |
| *****    |  |                            |                            |          |

PACIFIC GAS AND ELECTRIC COMPANY  
PRESENT ELECTRIC RATES  
AS OF NOVEMBER 1, 2011

AGRICULTURAL RATES

| LINE<br>NO. |  | 11/1/11<br>RATES<br>SUMMER | 11/1/11<br>RATES<br>WINTER | LINE<br>NO. |
|-------------|--|----------------------------|----------------------------|-------------|
| *****       |  |                            |                            |             |
| 1           | SCHEDULE AG-4B                           |                            |                            | 1           |
| 2           | CUSTOMER CHARGE - RATES B & E (\$/MONTH) | \$19.20                    | \$19.20                    | 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)      | \$3.49                     |                            | 5           |
| 6           | MAXIMUM DEMAND CHARGE (\$/KW/MONTH)      |                            |                            | 6           |
| 7           | SECONDARY VOLTAGE                        | \$6.38                     | \$1.43                     | 7           |
| 8           | PRIMARY VOLTAGE DISCOUNT                 | \$0.71                     | \$0.22                     | 8           |
| 9           | ENERGY CHARGE (\$/KWH)                   |                            |                            | 9           |
| 10          | ON-PEAK                                  | \$0.21163                  |                            | 10          |
| 11          | PART-PEAK                                |                            | \$0.11962                  | 11          |
| 12          | OFF-PEAK                                 | \$0.11966                  | \$0.10250                  | 12          |
| *****       |  |                            |                            |             |
| 13          | SCHEDULE AG-4C                           |                            |                            | 13          |
| 14          | CUSTOMER CHARGE - RATES C & F (\$/MONTH) | \$64.80                    | \$64.80                    | 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                                  | \$8.23                     |                            | 18          |
| 19          | PART-PEAK                                | \$1.57                     | \$0.35                     | 19          |
| 20          | MAXIMUM                                  | \$3.20                     | \$1.55                     | 20          |
| 21          | PRIMARY VOLTAGE DISCOUNT                 | \$0.93                     | \$0.19                     | 21          |
| 22          | TRANSMISSION VOLTAGE DISCOUNT            | \$5.53                     | \$1.45                     | 22          |
| 23          | ENERGY CHARGE (\$/KWH)                   |                            |                            | 23          |
| 24          | ON-PEAK                                  | \$0.19328                  |                            | 24          |
| 25          | PART-PEAK                                | \$0.11853                  | \$0.10065                  | 25          |
| 26          | OFF-PEAK                                 | \$0.09222                  | \$0.08902                  | 26          |
| *****       |  |                            |                            |             |
| 27          | SCHEDULE AG-5B                           |                            |                            | 27          |
| 28          | CUSTOMER CHARGE - RATES B & E (\$/MONTH) | \$30.00                    | \$30.00                    | 28          |
| 29          | METER CHARGE - RATE B (\$/MONTH)         | \$6.00                     | \$6.00                     | 29          |
| 30          | METER CHARGE - RATE E (\$/MONTH)         | \$1.20                     | \$1.20                     | 30          |
| 31          | ON-PEAK DEMAND CHARGE (\$/KW/MONTH)      | \$7.02                     |                            | 31          |
| 32          | MAXIMUM DEMAND CHARGE (\$/KW/MONTH)      |                            |                            | 32          |
| 33          | SECONDARY VOLTAGE                        | \$10.75                    | \$4.09                     | 33          |
| 34          | PRIMARY VOLTAGE DISCOUNT                 | \$1.24                     | \$0.14                     | 34          |
| 35          | TRANSMISSION VOLTAGE DISCOUNT            | \$8.00                     | \$3.52                     | 35          |
| 36          | ENERGY CHARGE (\$/KWH)                   |                            |                            | 36          |
| 37          | ON-PEAK                                  | \$0.16525                  |                            | 37          |
| 38          | PART-PEAK                                |                            | \$0.08860                  | 38          |
| 39          | OFF-PEAK                                 | \$0.07315                  | \$0.06676                  | 39          |
| *****       |  |                            |                            |             |

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

AGRICULTURAL RATES

| LINE NO. |  | 11/1/11 RATES SUMMER | 11/1/11 RATES WINTER | LINE NO. |
|----------|--|----------------------|----------------------|----------|
| *****    |  |                      |                      |          |
| 1        | SCHEDULE AG-5C                           |                      |                      | 1        |
| 2        | CUSTOMER CHARGE - RATES C & F (\$/MONTH) | \$160.00             | \$160.00             | 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                                  | \$11.74              |                      | 6        |
| 7        | PART-PEAK                                | \$2.44               | \$0.60               | 7        |
| 8        | MAXIMUM                                  | \$4.58               | \$3.06               | 8        |
| 9        | PRIMARY VOLTAGE DISCOUNT                 | \$1.76               | \$0.17               | 9        |
| 10       | TRANSMISSION VOLTAGE DISCOUNT            | \$10.77              | \$2.23               | 10       |
| 11       | ENERGY CHARGE (\$/KWH)                   |                      |                      | 11       |
| 12       | ON-PEAK                                  | \$0.12216            |                      | 12       |
| 13       | PART-PEAK                                | \$0.08562            | \$0.07609            | 13       |
| 14       | OFF-PEAK                                 | \$0.07200            | \$0.06989            | 14       |
| *****    |  |                      |                      |          |
| 15       | SCHEDULE AG-ICE                          |                      |                      | 15       |
| 16       | CUSTOMER CHARGE (\$/MONTH)               | \$40.00              | \$40.00              | 16       |
| 17       | METER CHARGE (\$/MONTH)                  | \$6.00               | \$6.00               | 17       |
| 18       | ON-PEAK DEMAND CHARGE (\$/KW/MO)         | \$2.64               |                      | 18       |
| 19       | MAXIMUM DEMAND CHARGE (\$/KW/MO)         |                      |                      | 19       |
| 20       | SECONDARY                                | \$3.52               | \$0.00               | 20       |
| 21       | PRIMARY                                  | \$2.94               | \$0.00               | 21       |
| 22       | TRANSMISSION                             | \$1.55               | \$0.00               | 22       |
| 23       | ENERGY CHARGE (\$/KWH)                   |                      |                      | 23       |
| 24       | ON-PEAK                                  | \$0.12022            |                      | 24       |
| 25       | PART-PEAK                                | \$0.09377            | \$0.09618            | 25       |
| 26       | OFF-PEAK                                 | \$0.04809            | \$0.04809            | 26       |
| *****    |  |                      |                      |          |

PACIFIC GAS AND ELECTRIC COMPANY  
 PRESENT ELECTRIC RATES  
 AS OF NOVEMBER 1, 2011

STREETLIGHTING RATES

| LINE NO. |                               | 11/1/11 RATES SUMMER | 11/1/11 RATES WINTER | LINE NO. |
|----------|-------------------------------|----------------------|----------------------|----------|
| 1        | SCHEDULE LS-1                 |                      |                      | 1        |
| 2        | ENERGY CHARGE (\$/KWH)        | \$0.12153            | \$0.12153            | 2        |
| 3        | SCHEDULE LS-2                 |                      |                      | 3        |
| 4        | ENERGY CHARGE (\$/KWH)        | \$0.12153            | \$0.12153            | 4        |
| 5        | SCHEDULE LS-3                 |                      |                      | 5        |
| 6        | SERVICE CHARGE (\$/METER/MO.) | \$6.00               | \$6.00               | 6        |
| 7        | ENERGY CHARGE (\$/KWH)        | \$0.12153            | \$0.12153            | 7        |
| 8        | SCHEDULE OL-1                 |                      |                      | 8        |
| 9        | ENERGY CHARGE (\$/KWH)        | \$0.13006            | \$0.13006            | 9        |

# **EXHIBIT C**

PACIFIC GAS AND ELECTRIC COMPANY  
AS OF NOVEMBER 1, 2011

LIGHT EMITTING DIODE (LED) LAMPS

| NOMINAL LAMP RATINGS<br>Lamp<br>Watts | Average kWh<br>Per Month | ALL NIGHT RATES<br>PER LAMP<br>PER MONTH |          | HALF-HOUR<br>ADJUSTMENT<br>LS-1A, C, E, F<br>& LS-2A | ALL NIGHT RATES<br>PER LAMP PER MONTH |          |          |  |
|---------------------------------------|--------------------------|--|----------|--|---------------------------------------|----------|----------|--|
|                                       |                          | LS-2A                                    | LS-1A    |  | LS-1C                                 | LS-1E    | LS-1F    |  |
| 0.0-5.0                               | 0.9                      | \$0.296                                  | \$6.574  | \$0.005  | \$5.057                               | \$7.712  | \$7.787  |  |
| 5.1-10.0                              | 2.6                      | \$0.503                                  | \$6.781  | \$0.014  | \$5.264                               | \$7.919  | \$7.994  |  |
| 10.1-15.0                             | 4.3                      | \$0.710                                  | \$6.988  | \$0.024  | \$5.471                               | \$8.126  | \$8.201  |  |
| 15.1-20.0                             | 6.0                      | \$0.916                                  | \$7.194  | \$0.033  | \$5.677                               | \$8.332  | \$8.407  |  |
| 20.1-25.0                             | 7.7                      | \$1.123                                  | \$7.401  | \$0.043  | \$5.884                               | \$8.539  | \$8.614  |  |
| 25.1-30.0                             | 9.4                      | \$1.329                                  | \$7.607  | \$0.052  | \$6.090                               | \$8.745  | \$8.820  |  |
| 30.1-35.0                             | 11.1                     | \$1.536                                  | \$7.814  | \$0.061  | \$6.297                               | \$8.952  | \$9.027  |  |
| 35.1-40.0                             | 12.8                     | \$1.743                                  | \$8.021  | \$0.071  | \$6.504                               | \$9.159  | \$9.234  |  |
| 40.1-45.0                             | 14.5                     | \$1.949                                  | \$8.227  | \$0.080  | \$6.710                               | \$9.365  | \$9.440  |  |
| 45.1-50.0                             | 16.2                     | \$2.156                                  | \$8.434  | \$0.090  | \$6.917                               | \$9.572  | \$9.647  |  |
| 50.1-55.0                             | 17.9                     | \$2.362                                  | \$8.640  | \$0.099  | \$7.123                               | \$9.778  | \$9.853  |  |
| 55.1-60.0                             | 19.6                     | \$2.569                                  | \$8.847  | \$0.108  | \$7.330                               | \$9.985  | \$10.060 |  |
| 60.1-65.0                             | 21.4                     | \$2.788                                  | \$9.066  | \$0.118  | \$7.549                               | \$10.204 | \$10.279 |  |
| 65.1-70.0                             | 23.1                     | \$2.994                                  | \$9.272  | \$0.128  | \$7.755                               | \$10.410 | \$10.485 |  |
| 70.1-75.0                             | 24.8                     | \$3.201                                  | \$9.479  | \$0.137  | \$7.962                               | \$10.617 | \$10.692 |  |
| 75.1-80.0                             | 26.5                     | \$3.408                                  | \$9.686  | \$0.146  | \$8.169                               | \$10.824 | \$10.899 |  |
| 80.1-85.0                             | 28.2                     | \$3.614                                  | \$9.892  | \$0.156  | \$8.375                               | \$11.030 | \$11.105 |  |
| 85.1-90.0                             | 29.9                     | \$3.821                                  | \$10.099 | \$0.165  | \$8.582                               | \$11.237 | \$11.312 |  |
| 90.1-95.0                             | 31.6                     | \$4.027                                  | \$10.305 | \$0.175  | \$8.788                               | \$11.443 | \$11.518 |  |
| 95.1-100.0                            | 33.3                     | \$4.234                                  | \$10.512 | \$0.184  | \$8.995                               | \$11.650 | \$11.725 |  |
| 100.1-105.1                           | 35.0                     | \$4.441                                  | \$10.719 | \$0.193  | \$9.202                               | \$11.857 | \$11.932 |  |
| 105.1-110.0                           | 36.7                     | \$4.647                                  | \$10.925 | \$0.203  | \$9.408                               | \$12.063 | \$12.138 |  |
| 110.1-115.0                           | 38.4                     | \$4.854                                  | \$11.132 | \$0.212  | \$9.615                               | \$12.270 | \$12.345 |  |
| 115.1-120.0                           | 40.1                     | \$5.060                                  | \$11.338 | \$0.222  | \$9.821                               | \$12.476 | \$12.551 |  |
| 120.1-125.0                           | 41.9                     | \$5.279                                  | \$11.557 | \$0.231  | \$10.040                              | \$12.695 | \$12.770 |  |
| 125.1-130.0                           | 43.6                     | \$5.486                                  | \$11.764 | \$0.241  | \$10.247                              | \$12.902 | \$12.977 |  |
| 130.1-135.0                           | 45.3                     | \$5.692                                  | \$11.970 | \$0.250  | \$10.453                              | \$13.108 | \$13.183 |  |
| 135.1-140.0                           | 47.0                     | \$5.899                                  | \$12.177 | \$0.260  | \$10.660                              | \$13.315 | \$13.390 |  |
| 140.1-145.0                           | 48.7                     | \$6.106                                  | \$12.384 | \$0.269  | \$10.867                              | \$13.522 | \$13.597 |  |
| 145.1-150.0                           | 50.4                     | \$6.312                                  | \$12.590 | \$0.278  | \$11.073                              | \$13.728 | \$13.803 |  |
| 150.1-155.0                           | 52.1                     | \$6.519                                  | \$12.797 | \$0.288  | \$11.280                              | \$13.935 | \$14.010 |  |
| 155.1-160.0                           | 53.8                     | \$6.725                                  | \$13.003 | \$0.297  | \$11.486                              | \$14.141 | \$14.216 |  |
| 160.1-165.0                           | 55.5                     | \$6.932                                  | \$13.210 | \$0.307  | \$11.693                              | \$14.348 | \$14.423 |  |
| 165.1-170.0                           | 57.2                     | \$7.139                                  | \$13.417 | \$0.316  | \$11.900                              | \$14.555 | \$14.630 |  |
| 170.1-175.0                           | 58.9                     | \$7.345                                  | \$13.623 | \$0.325  | \$12.106                              | \$14.761 | \$14.836 |  |
| 175.1-180.0                           | 60.6                     | \$7.552                                  | \$13.830 | \$0.335  | \$12.313                              | \$14.968 | \$15.043 |  |
| 180.1-185.0                           | 62.4                     | \$7.770                                  | \$14.048 | \$0.345  | \$12.531                              | \$15.186 | \$15.261 |  |
| 185.1-190.0                           | 64.1                     | \$7.977                                  | \$14.255 | \$0.354  | \$12.738                              | \$15.393 | \$15.468 |  |

PACIFIC GAS AND ELECTRIC COMPANY  
AS OF NOVEMBER 1, 2011

LIGHT EMITTING DIODE (LED) LAMPS

| NOMINAL LAMP RATINGS<br>Lamp<br>Watts | Average kWh<br>Per Month | ALL NIGHT RATES       |         | HALF-HOUR<br>ADJUSTMENT | ALL NIGHT RATES<br>PER LAMP PER MONTH |          |          |          |
|---------------------------------------|--------------------------|-----------------------|---------|-------------------------|---------------------------------------|----------|----------|----------|
|                                       |                          | PER LAMP<br>PER MONTH | LS-2A   |                         | LS-1A, C, E, F<br>& LS-2A             | LS-1A    | LS-1C    | LS-1E    |
| 190.1-195.0                           | 65.8                     | \$8.184               | \$0.364 |                         | \$14.462                              | \$12.945 | \$15.600 | \$15.675 |
| 195.1-200.0                           | 67.5                     | \$8.390               | \$0.373 |                         | \$14.668                              | \$13.151 | \$15.806 | \$15.881 |
| 200.1-205.0                           | 69.2                     | \$8.597               | \$0.382 |                         | \$14.875                              | \$13.358 | \$16.013 | \$16.088 |
| 205.1-210.0                           | 70.9                     | \$8.803               | \$0.392 |                         | \$15.081                              | \$13.564 | \$16.219 | \$16.294 |
| 210.1-215.0                           | 72.6                     | \$9.010               | \$0.401 |                         | \$15.288                              | \$13.771 | \$16.426 | \$16.501 |
| 215.1-220.0                           | 74.3                     | \$9.217               | \$0.410 |                         | \$15.495                              | \$13.978 | \$16.633 | \$16.708 |
| 220.1-225.0                           | 76.0                     | \$9.423               | \$0.420 |                         | \$15.701                              | \$14.184 | \$16.839 | \$16.914 |
| 225.1-230.0                           | 77.7                     | \$9.630               | \$0.429 |                         | \$15.908                              | \$14.391 | \$17.046 | \$17.121 |
| 230.1-235.0                           | 79.4                     | \$9.836               | \$0.439 |                         | \$16.114                              | \$14.597 | \$17.252 | \$17.327 |
| 235.1-240.0                           | 81.1                     | \$10.043              | \$0.448 |                         | \$16.321                              | \$14.804 | \$17.459 | \$17.534 |
| 240.1-245.0                           | 82.9                     | \$10.262              | \$0.458 |                         | \$16.540                              | \$15.023 | \$17.678 | \$17.753 |
| 245.1-250.0                           | 84.6                     | \$10.468              | \$0.467 |                         | \$16.746                              | \$15.229 | \$17.884 | \$17.959 |
| 250.1-255.0                           | 86.3                     | \$10.675              | \$0.477 |                         | \$16.953                              | \$15.436 | \$18.091 | \$18.166 |
| 255.1-260.0                           | 88.0                     | \$10.882              | \$0.486 |                         | \$17.160                              | \$15.643 | \$18.298 | \$18.373 |
| 260.1-265.0                           | 89.7                     | \$11.088              | \$0.496 |                         | \$17.366                              | \$15.849 | \$18.504 | \$18.579 |
| 265.1-270.0                           | 91.4                     | \$11.295              | \$0.505 |                         | \$17.573                              | \$16.056 | \$18.711 | \$18.786 |
| 270.1-275.0                           | 93.1                     | \$11.501              | \$0.514 |                         | \$17.779                              | \$16.262 | \$18.917 | \$18.992 |
| 275.1-280.0                           | 94.8                     | \$11.708              | \$0.524 |                         | \$17.986                              | \$16.469 | \$19.124 | \$19.199 |
| 280.1-285.0                           | 96.5                     | \$11.915              | \$0.533 |                         | \$18.193                              | \$16.676 | \$19.331 | \$19.406 |
| 285.1-290.0                           | 98.2                     | \$12.121              | \$0.542 |                         | \$18.399                              | \$16.882 | \$19.537 | \$19.612 |
| 290.1-295.0                           | 99.9                     | \$12.328              | \$0.552 |                         | \$18.606                              | \$17.089 | \$19.744 | \$19.819 |
| 295.1-300.0                           | 101.6                    | \$12.534              | \$0.561 |                         | \$18.812                              | \$17.295 | \$19.950 | \$20.025 |
| 300.1-305.0                           | 103.4                    | \$12.753              | \$0.571 |                         | \$19.031                              | \$17.514 | \$20.169 | \$20.244 |
| 305.1-310.0                           | 105.1                    | \$12.960              | \$0.581 |                         | \$19.238                              | \$17.721 | \$20.376 | \$20.451 |
| 310.1-315.0                           | 106.8                    | \$13.166              | \$0.590 |                         | \$19.444                              | \$17.927 | \$20.582 | \$20.657 |
| 315.1-320.0                           | 108.5                    | \$13.373              | \$0.599 |                         | \$19.651                              | \$18.134 | \$20.789 | \$20.864 |
| 320.1-325.0                           | 110.2                    | \$13.580              | \$0.609 |                         | \$19.858                              | \$18.341 | \$20.996 | \$21.071 |
| 325.1-330.0                           | 111.9                    | \$13.786              | \$0.618 |                         | \$20.064                              | \$18.547 | \$21.202 | \$21.277 |
| 330.1-335.0                           | 113.6                    | \$13.993              | \$0.628 |                         | \$20.271                              | \$18.754 | \$21.409 | \$21.484 |
| 335.1-340.0                           | 115.3                    | \$14.199              | \$0.637 |                         | \$20.477                              | \$18.960 | \$21.615 | \$21.690 |
| 340.1-345.0                           | 117.0                    | \$14.406              | \$0.646 |                         | \$20.684                              | \$19.167 | \$21.822 | \$21.897 |
| 345.1-350.0                           | 118.7                    | \$14.613              | \$0.656 |                         | \$20.891                              | \$19.374 | \$22.029 | \$22.104 |
| 350.1-355.0                           | 120.4                    | \$14.819              | \$0.665 |                         | \$21.097                              | \$19.580 | \$22.235 | \$22.310 |
| 355.1-360.0                           | 122.1                    | \$15.026              | \$0.675 |                         | \$21.304                              | \$19.787 | \$22.442 | \$22.517 |
| 360.1-365.0                           | 123.9                    | \$15.245              | \$0.684 |                         | \$21.523                              | \$20.006 | \$22.661 | \$22.736 |
| 365.1-370.0                           | 125.6                    | \$15.451              | \$0.694 |                         | \$21.729                              | \$20.212 | \$22.867 | \$22.942 |
| 370.1-375.0                           | 127.3                    | \$15.658              | \$0.703 |                         | \$21.936                              | \$20.419 | \$23.074 | \$23.149 |
| 375.1-380.0                           | 129.0                    | \$15.864              | \$0.713 |                         | \$22.142                              | \$20.625 | \$23.280 | \$23.355 |
| 380.1-385.0                           | 130.7                    | \$16.071              | \$0.722 |                         | \$22.349                              | \$20.832 | \$23.487 | \$23.562 |
| 385.1-390.0                           | 132.4                    | \$16.278              | \$0.731 |                         | \$22.556                              | \$21.039 | \$23.694 | \$23.769 |

PACIFIC GAS AND ELECTRIC COMPANY  
AS OF NOVEMBER 1, 2011

Exhibit B

LIGHT EMITTING DIODE (LED) LAMPS

| NOMINAL LAMP RATINGS<br>Lamp<br>Watts | Average kWh<br>Per Month | ALL NIGHT RATES<br>PER LAMP<br>PER MONTH |                           | HALF-HOUR<br>ADJUSTMENT |          | ALL NIGHT RATES<br>PER LAMP PER MONTH |          |  |  |
|---------------------------------------|--------------------------|--|---------------------------|-------------------------|----------|---------------------------------------|----------|--|--|
|                                       |                          | LS-2A                                    | LS-1A, C, E, F<br>& LS-2A | LS-1A                   | LS-1C    | LS-1E                                 | LS-1F    |  |  |
| 390.1-395.0                           | 134.1                    | \$16.484                                 | \$0.741                   | \$22.762                | \$21.245 | \$23.900                              | \$23.975 |  |  |
| 395.1-400.0                           | 135.8                    | \$16.691                                 | \$0.750                   | \$22.969                | \$21.452 | \$24.107                              | \$24.182 |  |  |

# **EXHIBIT D**

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

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          | 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       | Martinez        |
| Clayton         | Grass Valley   | Marysville      |
| Clearlake       | Greenfield     | McFarland       |
| Cloverdale      | Gridley        | Mendota         |
| Clovis          | Grover Beach   | Menlo Park      |
| Coalinga        | Guadalupe      | Merced          |
| Colfax          | Gustine        | Mill Valley     |
| Colma           | Half Moon Bay  | 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