## **ATTACHMENT A**

Pro-Forma
Fixed Energy Price
Amendment

## (Ordinal Number) AMENDMENT TO THE QUALIFYING FACILITY POWER PURCHASE AGREEMENT BETWEEN (NAME OF QUALIFYING FACILITY)

#### AND

#### PACIFIC GAS AND ELECTRIC COMPANY

(PG&E LOG NO. \_\_\_\_)

This Amendment No. [\_\_] to [Title of applicable contract] ("Amendment"), by and between Pacific Gas and Electric Company, a California corporation (""Buyer"), and [Seller's name], a [Seller's form of business entity and state of registration] ("Seller"), is entered into as of the later of the signature dates found at the signature block, below. Buyer and Seller are sometimes referred to in this Amendment individually as a "Party" and collectively as the "Parties". Unless the context specifies or requires, any initially capitalized term used but not otherwise defined in this Amendment has the meaning given to such term in the Agreement (as defined in Recital A).

#### RECITALS

- A. The Parties entered into that certain [Title of applicable contract] dated [Date of applicable contract], [as amended by [Title and date of earlier amendments, if any]] ([collectively,] the "Agreement");
- B. The Term of Agreement expires [provide the applicable information from the Agreement: on (provide date), until terminated by Seller, or until terminated by either Party];
- C. Pacific Gas and Electric Company, San Diego Gas & Electric Company, Southern California Edison Company, the California Cogeneration Council, the Cogeneration Association of California, the Energy Producers and Users Coalition, the Independent Energy Producers Association, the Division of Ratepayer Advocates of the California Public Utilities Commission, and The Utility Reform Network (collectively, the "Settling Parties") entered into the Qualifying Facility and Combined Heat and Power ("QF/CHP") Settlement dated October 8, 2010, which was approved by the California Public Utilities Commission ("CPUC" or "Commission") in Decision ("D.") 10-12-035 ("Settlement Agreement");
- **D.** Under the Settlement Agreement, Seller may execute an Amendment to Legacy Power Purchase Agreement ("PPA") to amend the energy price formula of its Agreement;
- E. The Parties have agreed that Seller shall be paid an escalating Fixed Energy Price based on the Amendment to Legacy PPA for energy delivered during the Amendment Term, as provided below.

NOW, THEREFORE, the Parties, intending to be legally bound, agree as follows:

#### ARTICLE 1: AMENDMENT TERM

The Amendment Term shall be established as follows:

1.1 <u>Effective Date</u>. This Amendment shall become effective the first day of the month after all Conditions Precedent have been met ("Effective Date").

- 1.2 <u>Delivery Term</u>. This Amendment shall be effective from the Effective Date until terminated in accordance with Article 1.3 ("Delivery Term").
- 1.3 <u>Termination</u>. This Amendment shall terminate upon the earlier of: (a) the expiration of the Term of Agreement; (b) five years after the Effective Date ("Termination Date"); (c) as provided in Section 7.2, or (d) at Buyer's option, upon an Event of Default, as defined herein.

#### ARTICLE 2: FIXED ENERGY PRICE

During the Delivery Term, the following Fixed Energy Price shall be paid for energy delivered in accordance with the terms of this Amendment.

- 2.1 <u>Fixed Energy Price</u>. Seller shall be paid a time of delivery-adjusted price for energy delivered in accordance with the terms of this Amendment at the fixed rate of \$53.70 per Megawatt-hour ("MWh") escalated by two percent (2%) every twelve (12) months from the Effective Date ("Fixed Energy Price").
- 2.2 <u>Time of Delivery Adjustment</u>. The Fixed Energy Price shall be adjusted by the following Time of Delivery ("TOD") Factors applicable to each of the TOD Periods, defined below, in which energy is delivered:

#### (a) TOD Factors are as follows:

TOD Factors		
Time Period	Summer	Winter
Peak	1.2564	N/A
Partial-Peak	1,1535	1.1395
Off-Peak	0.9155	0.9628
Super Off-Peak	0.7439	0.8216

#### (b) TOD Periods

TOD Periods – by Season and Time				
Time Period	Summer May 1 – October 31	Winter ber 31 November 1 – April 30	Applicable Days	
Peak	Noon – 6:00 p.m.	N/A	Weekdays except Holidays	
Partial-Peak	8:30 a.m. – Noon	8:30 a.m. – 9:30 p.m.	Weekdays except Holidays	
	6:00 p.m. – 9:30 p.m.	6:00 p.m. – 9:30 p.m.	Weekdays except Holidays	
Off-Peak	9:30 p.m. – 1:00 a.m.	9:30 p.m. – 1:00 a.m.	Weekdays except Holidays	
	5:00 a.m. – 8:30 a.m.	5:00 a.m. – 8:30 a.m.	Weekdays except Holidays	
**	5:00 a.m. – 1:00 a.m.	5:00 a.m. – 1:00 a.m.	Weekends & Holidays	
Super Off-Peak	1:00 a.m. – 5:00 a.m.	1:00 a.m 5:00 a.m.	All Days	

#### ARTICLE 3: GENERATION FORECASTING AND OUTAGE NOTIFICATION

3.1 <u>General Provisions</u>. The Parties shall make good faith efforts to abide by the requirements and procedures for Forecasting and Outage Notification described in Article 3 and Appendix A, herein, and shall agree upon reasonable changes to these requirements and procedures from time to time as necessary

to: (a) support Buyer's compliance with the California Independent System Operator's ("CAISO") Scheduling requirements related to the Agreement; (b) accommodate changes to the Parties' respective technology and organizational structure, (c) address changes in the Operating and Scheduling procedures of Seller, Buyer and the CAISO, including automated Forecast and Outage submissions. The Parties agree that the Forecasts and Outages generated by, or otherwise resulting from, the Forecasting and Notification requirements and procedures in this Amendment are non-binding on Seller.

- 3.2 <u>Seller's Forecasting Requirements</u>. Seller shall provide Buyer with the information described in this article in a form reasonably acceptable to Buyer using the Notification procedures set forth in Appendix A.
- (a) Annual Forecast of Generation. Within thirty (30) days of the Effective Date and no later than June 1 of each year during the Delivery Term, Seller shall provide Buyer with a non-binding Forecast of the hourly generation for each day in each month of the following calendar year.
- (b) Monthly Forecast of Generation. Ten (10) Business Days before the beginning of each month during the Delivery Term, Seller shall provide to Buyer a non-binding Forecast of the hourly generation for each day of the following month.
- (c) <u>Daily Forecast of Generation</u>. During the Delivery Term, Seller shall provide a Day-Ahead Forecast of generation (the "Day-Ahead Generation Notice") to Buyer via Buyer's internet site, as provided in Appendix A, for each day no later than fourteen (14) hours before the beginning of the "Preschedule Day", as defined by the WECC, for such day. The current industry standard Preschedule Day timetable is as follows:
  - (1) Monday Preschedule Day for Tuesday
  - (2) Tuesday Preschedule Day for Wednesday
  - (3) Wednesday Preschedule Day for Thursday
  - (4) Thursday Preschedule Day for Friday and Saturday
  - (5) Friday Preschedule Day for Sunday and Monday

Exceptions to this timetable to accommodate holidays, etc., are posted on the WECC website (www.wecc.biz) under the document title, "Preschedule Calendar."

Each Day-Ahead Generation Notice shall clearly identify, for each hour, Seller's Forecast of all amounts of generation pursuant to the Agreement and this Amendment. If the generation changes by at least one (1) megawatt ("MW") (AC) as of a time that is less than fourteen (14) hours prior to the Preschedule Day, then Seller will notify Buyer of such change by telephone and will send a revised Notice to Buyer's Internet site set forth in Appendix A. Such Notices shall describe the beginning date and time of the event resulting in the change in generation, the expected end date and time of such event, the revised expected generation in MW AC, and any other necessary information.

Day-Ahead Desk

Primary Telephone: (415) 973-6222 Backup Telephone: (415) 973-4500

(d) Hourly Forecast of Generation. Seller shall notify Buyer of any changes in generation of one (1) MW (AC) or more, whether due to Forced Outage, Force Majeure, or any other cause, as soon as reasonably possible, but no later than one (1) hour before Buyer or Third Party SC (as applicable) is required to submit Schedules to the CAISO in accordance with the CAISO's Hour-Ahead Scheduling Process (HASP). If generation changes by at least one (1) MW less than one (1) hour before the HASP deadline, Seller should also notify Buyer. The Notice will state the beginning date and time of the event

resulting in the change in generation, the expected end date and time of such event, the expected generation in MW (AC), and any other information reasonably requested by CAISO or Buyer.

- 3.3 <u>Outage Notification</u>. Seller shall notify Buyer of Outages in accordance with this article using a form reasonably acceptable to Buyer and the Notification procedures in Appendix A.
- (a) <u>CAISO Approval of Outage(s)</u>. Buyer is responsible for obtaining CAISO approvals for Project Outages and for revising Outage Schedules if Outages are not approved by CAISO. Buyer will make reasonable efforts to notify Seller of CAISO approval in a timely manner. Buyer is responsible for entering Project Outages in the "Scheduling and Logging for ISO of California" ("SLIC") Web Client.
- Forecast of generation and implement the Notification procedures set forth in Appendix A no later than August 1st of each year. Whenever possible, Seller will notify Buyer of changes to the yearly Planned Outage schedule 60 days prior to the start of the month when this change is expected to occur. Seller will provide updates regarding a Planned Outage at least fourteen (14) days before each Planned Outage. Seller shall not conduct Planned Outages during the months of January, June through September, and December. Seller shall request a change to the Planned Outage Schedule if Seller believes the Project must be shut down to conduct maintenance that cannot be delayed until the next Scheduled Planned Outage consistent with Good Utility Practices. Seller shall not substitute Energy from any other source during a Planned Outage. At any time up to the commencement of work for the Planned Outage, Buyer may direct Seller to change its Outage Schedule as ordered by CAISO. If Buyer requests any other change to a Planned Outage Schedule, Seller may propose an alternative Schedule change or use commercially reasonable efforts to accommodate Buyer's request.
- (c) <u>Forced Outages</u>. Seller shall notify Buyer of a Forced Outage in accordance with the procedures in Appendix A. Seller shall inform Buyer of any developments that will affect either the duration of such Outage or the availability of the Project during or after the end of such Outage.
- (d) <u>Prolonged Outages</u>. Seller shall notify Buyer of a Prolonged Outage as soon as practicable and notify Buyer when the Project is again capable of meeting its nameplate capacity on a pro rata basis, in accordance with the provisions in Appendix A, section B(2)(f). Seller shall not substitute Energy from any other source for the output of the Project during a Prolonged Outage.
- (e) <u>Communications with CAISO</u>. Buyer, in coordination with Seller, will be responsible for communicating all Outage information to the CAISO.
- (f) <u>Changes to Operating Procedures</u>. Seller acknowledges that the Outage Notification procedures and operating procedures described in this Amendment are subject to change by Buyer from time to time. Seller agrees to work in good faith to implement any such changes, so long as such change does not increase Seller's cost of performance by more than a *de minimis* amount.
- 3.4 <u>CAISO Charges</u>. Buyer is responsible for all CAISO charges and is entitled to receive all CAISO revenues related to generation availability.

#### ARTICLE 4: CONDITIONS PRECEDENT

This Amendment shall not be effective until and unless each of the following conditions has been fully satisfied or waived in writing by the Parties:

4.1 <u>Settlement in Effect</u>. The Settlement Agreement is in effect.

- 4.2 <u>PURPA Agreement</u>. At the start of the Amendment Term, Buyer and Seller are parties to an effective Qualifying Facility ("QF") PPA pursuant to the Public Utility Regulatory Policies Act of 1978 ("PURPA").
- 4.3 <u>Eligible Renewable Energy Resource</u>. Seller is an Eligible Renewable Energy Resource.
- 4.4 <u>CPUC Approval</u>. The Amendment has received CPUC Approval. "CPUC Approval" means a final and non-appealable order of the CPUC, without conditions or modifications unacceptable to the Parties, or either of them, which contains the following terms:
- (a) Approves this Agreement in its entirety, including payments to be made by the Buyer, subject to CPUC review of the Buyer's administration of the Agreement; and
- (b) Finds that any procurement pursuant to this Agreement is procurement from an eligible renewable energy resource for purposes of determining Buyer's compliance with any obligation that it may have to procure eligible renewable energy resources pursuant to the California Renewables Portfolio Standard (Public Utilities Code Section 399.11 *et seq.*), Decision ("D.") 03-06-071, or other applicable law.

CPUC Approval will be deemed to have occurred on the date that a CPUC decision containing such findings becomes final and non-appealable.

4.5 <u>Executed by Parties</u>. This Amendment has been duly executed by an authorized representative of each Party.

#### ARTICLE 5: ADDITIONAL REPRESENTATIONS, WARRANTIES, AND COVENANTS

- 5.1 <u>Waiver</u>. By executing this Amendment, Seller waives the right to execute the "Amendment to Legacy PPAs" referenced in Article 11, section 11.1.2.
- 5.2 RPS Eligibility: Conveyance of Green Attributes.
- (a) Seller, and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement that:
- (i) The Project qualifies and is certified by the CEC as an Eligible Renewable Energy Resource ("ERR") as such term is defined in Public Utilities Code Section 399.12 or Section 399.16; and
- (ii) The Project's output delivered to Buyer qualifies under the requirements of the California Renewables Portfolio Standard.

To the extent a change in law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in law.

(b) Seller and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement the Renewable Energy Credits transferred to Buyer conform to the definition and attributes required for compliance with the California Renewables Portfolio Standard, as set forth in California Public Utilities Commission Decision 08-08-028, and as may be modified by subsequent decision of the California Public Utilities Commission or by subsequent legislation. To the extent a change in law occurs after execution of this Agreement that causes this representation and

warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in law.

- (c) Seller warrants that all necessary steps to allow the Renewable Energy Credits transferred to Buyer to be tracked in the Western Renewable Energy Generation Information System will be taken prior to the first delivery under the contract.
- (d) Seller hereby provides and conveys all Green Attributes associated with all electricity generation from the Project to Buyer as part of the Product being delivered. Seller represents and warrants that Seller holds the rights to all Green Attributes from the Project, and Seller agrees to convey and hereby conveys all such Green Attributes to Buyer as included in the delivery of the Product from the Project.

#### ARTICLE 6: ADDITIONAL DEFINED TERMS.

Agreement: Has the meaning set forth in Recital A. However, for purposes of Sections 4.4, 5.2, and 7.4, the word "Agreement" shall mean this Amendment.

<u>Amendment to Legacy PPA</u>: The contract amendment described by Section 11.1.2 of the Settlement Agreement.

Annual Forecast of Generation: That estimate of generation described in Section 3.2(a).

<u>Business Day</u>: Any day except a Saturday, Sunday, the Friday after the United States Thanksgiving holiday, or a Federal Reserve Bank holiday that begins at 8:00 a.m. and ends at 5:00 p.m. local time for the Party sending a Notice or payment or performing a specified action.

<u>CAISO</u>: The California Independent System Operator Corporation or successor entity.

<u>CAISO-Approved Quantity</u>: The total quantity of electric energy that Buyer Schedules with the CAISO and the CAISO approves in its final Schedule which is published in accordance with the CAISO Tariff.

<u>CAISO Tariff</u>: The CAISO Tariff, including the rules, protocols, procedures and standards attached thereto, as the same may be amended or modified from time to time and approved by the FERC, or any successor entity.

<u>California Renewables Portfolio Standard:</u> California Public Utilities Code Section 399.11, *et seq.*, or any successor thereto.

<u>Capacity Attributes</u>: Any current or future defined characteristic, certificate, tag, credit, or ancillary service attribute, whether general in nature or specific as to the location or any other attribute of the Project, intended to value any aspect of the capacity of the Project to produce energy or ancillary services, including, but not limited to, any accounting construct so that the full contract capacity of the Project may be counted toward a resource adequacy requirement or any other measure by the CPUC, the CAISO or the FERC.

CEC: California Energy Commission or any successor entity.

Conditions Precedent: Those conditions listed in Article 4.

CPUC: The California Public Utilities Commission or any successor entity.

Day-Ahead: As defined and may be modified in the CAISO Tariff.

Delivery Term: Has the meaning set forth in Section 1.2.

Effective Date: Has the meaning set forth in Section 1.1.

<u>Eligible Renewable Energy Resources</u> or <u>ERR</u>: Has the same meaning as that term is used in California Public Utilities Code Section 399.12 and California Public Resources Code Section 25741, as either Law is amended or supplemented from time to time.

Event of Default: For the limited purposes of this Amendment, any representation or warranty by Seller in Section 5.2, which becomes false or misleading in any material respect during the Delivery Term; provided that, if a change in law occurs after the Execution Date that causes the representation and warranty made by Seller in Section 5.2 to be materially false or misleading, such breach of the representation or warranty in Section 5.2 shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in Law during the Delivery Term in order to make the representation and warranty no longer false or misleading.

Execution Date: The date which is the later of the signature dates found at the signature block, below.

FERC: The Federal Energy Regulatory Commission or any successor entity.

<u>Forecast</u>: The hourly forecast of (i) the total electric Energy production of the Facility (in MWh) when the Facility is not PIRP-eligible, or (ii) the available total generation capacity of the Facility (in MW) when the Facility is PIRP-eligible, as defined in the CAISO Tariff, in each case net of the site host load and Station Use.

Green Attributes: "Green Attributes" means any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to the generation from the Project, and its avoided emission of pollutants. Green Attributes include but are not limited to Renewable Energy Credits, as well as: (1) any avoided emission of pollutants to the air, soil or water such as sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO) and other pollutants; (2) any avoided emissions of carbon dioxide (CO2), methane (CH4), nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change, or otherwise by law, to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere; (3) the reporting rights to these avoided emissions, such as Green Tag Reporting Rights. Green Tag Reporting Rights are the right of a Green Tag Purchaser to report the ownership of accumulated Green Tags in compliance with federal or state law, if applicable, and to a federal or state agency or any other party at the Green Tag Purchaser's discretion, and include without limitation those Green Tag Reporting Rights accruing under Section 1605(b) of The Energy Policy Act of 1992 and any present or future federal, state, or local law, regulation or bill, and international or foreign emissions trading program. Green Tags are accumulated on a MWh basis and one Green Tag represents the Green Attributes associated with one (1) MWh of Energy. Green Attributes do not include (i) any energy, capacity, reliability or other power attributes from the Project, (ii) production tax credits associated with the construction or operation of the Project and other financial incentives in the form of credits, reductions, or allowances associated with the project that are applicable to a state or federal income taxation obligation, (iii) fuel-related subsidies or "tipping fees" that may be paid to Seller to accept certain fuels, or local subsidies received by the generator for the destruction of particular preexisting pollutants or the promotion of local environmental benefits, or (iv) emission reduction credits encumbered or used by the Project for compliance with local, state, or federal operating and/or air quality

Avoided emissions may or may not have any value for GHG compliance purposes. Although avoided emissions are included in the list of Green Attributes, this inclusion does not create any right to use those avoided emissions to comply with any GHG regulatory program.

permits. If the Project is a biomass or biogas facility and Seller receives any tradable Green Attributes based on the greenhouse gas reduction benefits or other emission offsets attributed to its fuel usage, it shall provide Buyer with sufficient Green Attributes to ensure that there are zero net emissions associated with the production of electricity from the Project.

Green Tag Reporting Rights: Green Tag Reporting Rights are the right of a Green Tag Purchaser to report the ownership of accumulated Green Tags in compliance with federal or state law, if applicable, and to a federal or state agency or any other party at the Green Tag Purchaser's discretion, and include without limitation those Green Tag Reporting Rights accruing under Section 1605(b) of The Energy Policy Act of 1992 and any present or future federal, state, or local law, regulation or bill, and international or foreign emissions trading program. Green Tags are accumulated on a MWh basis and one Green Tag represents the Green Attributes associated with one (1) MWh of Energy.

<u>Hour-Ahead Scheduling Deadline</u>: Thirty (30) minutes before the deadline established by the CAISO for the submission of Schedules for the applicable hour.

<u>Law</u>: Means any statute, law, treaty, rule, regulation, CEC guidance document, tariff or other legal or regulatory determination or limitation by a court or governmental authority of competent jurisdiction, including any of the foregoing that are enacted, amended, or issued after the Execution Date, and which becomes effective after the Execution Date, or any legally binding interpretation of the foregoing.

Notice or Notification: The communication of generation, Operation, Outage, or other conditions related to the Facility pursuant to Article 3 and as described by Appendix A.

<u>Operate</u>: "Operate" and its variants mean to provide all the operation, engineering, purchasing, repair, supervision, training, inspection, testing, protection, use management, improvement, replacement, refurbishment, retirement, and maintenance activities associated with operating the Facility in order to produce the Product in accordance with Prudent Electrical Practices.

<u>Outage</u>: Means all Forced Outages, Planned Outages, and Prolonged Outages, unless specifically limited to a particular type of outage by the context in which the word "Outage" appears.

Participating Transmission Owner: as defined in the CAISO Tariff.

<u>PIRP</u> (Participating Intermittent Resource Program): The CAISO's intermittent resource program initially established pursuant to Amendment 42 of the CAISO Tariff in FERC Docket ER02-922-000, or any successor program that Buyer determines accomplishes a similar purpose.

<u>Planned Outage</u>: Means the removal of equipment from service availability for inspection and/or general overhaul of one or more major equipment groups. To qualify as a Planned Outage, the maintenance (a) must actually be conducted during the Planned Outage, and in Seller's sole discretion must be of the type that is necessary to reliably maintain the Project, (b) cannot be reasonably conducted during Facility operations, and (c) cause the generation level of the Project to be reduced by at least ten percent (10%) of the contract capacity.

<u>Product</u>: The energy, capacity and all ancillary products, services or attributes similar to the foregoing which are or can be produced by or associated with the Project, including without limitation, renewable attributes, Renewable Energy Credits, Capacity Attributes, and Green Attributes.

Project: The Facility.

<u>Prolonged Outage</u>: Any period of more than thirty (30) consecutive days during which the Project is or will be unable, for whatever reason, to provide at least sixty percent (60%) of the Contract Capacity.

Renewable Energy Credits: Has the meaning set forth in California Public Utilities Code Section 299.12(f) and CPUC D.08-08-028, as may be amended from time to time or as further defined or supplemented by law.

RPS Program: The State of California Renewable Portfolio Standard Program, as codified at California Public Utilities Code § 399.11, et seq., or any successor thereto.

<u>Schedule</u>: The action of Buyer, or its designated representatives, of notifying, requesting, and confirming to the CAISO, the CAISO-Approved Quantity of electric energy.

Settlement Agreement: Has the meaning set forth in Recital C.

<u>Settlement Effective Date</u>: The date on which the Settlement Agreement becomes effective pursuant to the terms and conditions set forth therein.

<u>Trading Day</u>: The day in which Day-Ahead trading occurs in accordance with the Western Electricity Coordinating Council's Preschedule Calendar (as found on the Western Electricity Coordinating Council's website).

Web Client: A Buyer provided web based system or an email address designated by Buyer.

<u>Western Renewable Energy Generation Information System or WREGIS</u>: The tracking system established pursuant to California Public Utilities Code section 399.25(c).

#### ARTICLE 7: GENERAL PROVISIONS

- 7.1 <u>Agreement Unchanged</u>. Except as expressly set forth in this Amendment, the Agreement remains unchanged and, so modified, the Agreement shall remain in full force and effect.
- 7.2 No Fault Termination. PG&E shall request CPUC Approval of the Amendment following the Execution Date. If for any reason PG&E has not submitted an application to the CPUC for this purpose within 90 days of the Execution Date, Seller may terminate this Amendment without penalty or liability to PG&E. If the Conditions Precedent are not satisfied or waived in writing by both Parties on or before December 31, 2011, then (a) either Party may terminate this Amendment by providing written notice to the other Party and (b) neither Party shall have any obligation or liability to the other hereunder, including for a termination payment or otherwise, by reason of a termination made pursuant to this provision.
- 7.3 <u>Severability</u>. If any provision of this Amendment is held invalid or unenforceable by any court of competent jurisdiction, the other provisions of this Amendment will remain in full force and effect. Any provision of this Amendment held invalid or unenforceable only in part or degree will remain in full force and effect to the extent not held invalid or unenforceable.
- 7.4 Governing Law. THIS AGREEMENT AND THE RIGHTS AND DUTIES OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY AND CONSTRUED, ENFORCED AND PERFORMED IN ACCORDANCE WITH THE LAWS OF THE STATE OF CALIFORNIA, WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAW. TO THE EXTENT ENFORCEABLE AT SUCH TIME EACH PARTY WAIVES ITS RESPECTIVE RIGHT TO ANY JURY TRIAL WITH RESPECT TO ANY LITIGATION ARISING UNDER OR IN CONNECTION WITH THIS AMENDMENT.

- 7.5 Execution in Counterparts. This Amendment may be executed in one or more counterparts, each of which will be deemed to be an original of this Amendment and all of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this Amendment and of signature pages by facsimile transmission or by other electronic means shall constitute effective execution and delivery of this Amendment as to the Parties and may be used in lieu of the original Amendment for all purposes. Signatures of the Parties transmitted by facsimile or by other electronic means shall be deemed to be their original signatures for all purposes.
- 7.6 <u>Entire Agreement</u>. This Amendment sets forth the entire agreement of the Parties with respect to the subject matter herein, and supersedes all previous understandings, written or oral, with respect thereto.
- 7.7 <u>Subsequent Amendment</u>. This Amendment may not be amended, modified, abrogated or superseded by a subsequent agreement unless such subsequent agreement is in the form of a written instrument signed by the Parties.

IN WITNESS WHEREOF, the Parties have caused this Amendment to be duly executed by their respective authorized representatives.

[SELLER'S NAME],	
a [Seller's business registration	-

### PACIFIC GAS AND ELECTRIC COMPANY, a California corporation

31	Signature:	 Signature: _
	Name:	Name: _
	Title:	Title: _
	Date	Date:

#### APPENDIX A

#### NOTIFICATION REQUIREMENTS FOR AVAILABLE CAPACITY

<u>A. Notification Requirements for Routing Start-Ups and Shutdowns.</u> Prior to paralleling or after disconnecting from the electric system, notify the applicable Participating Transmission Owner's ("PTO") switching center:

- Call the applicable PTO switching center and advise of the intent to parallel.
- Call the applicable PTO switching center after the unit has been paralleled and report the parallel time and intended unit output.
- Call the applicable PTO switching center after any routine separation.

#### B. Submission of Generation and Planned and Prolonged Outages.

- Submit information by posting to PG&E's Power Procurement Information Center, which is located at www.pge.com under "B2B" at the bottom of the home page. After selecting "B2B" at the bottom of the page, select "Wholesale Power" in the center of the next page. Then select "Electric Procurement" along the left banner of the next page. After selecting the "Power Procurement Information Center" icon in the middle of the page, you will be required to enter a username and password, which will be assigned to you by PG&E's Bilateral Settlements Group.
- 2. If the website is unavailable, implement the procedures set forth below:
  - a. For all email correspondence, enter the following in the email subject field: Delivery Date Range, Contract Name, Email Purpose (For example: "dd/mm/yyyy through dd/mm/yyyy XYZ Company Project #2 Daily Forecast of Generation")
  - b. For Annual Forecasts of Generation, email to DAenergy@pge.com and BilatSettlements@pge.com.
  - c. For Monthly and Daily Forecasts of Generation, email to DAenergy@pge.com.
  - d. For Daily Forecasts of Generation after fourteen (14) hours before the WECC Preschedule Day, but before the CAISO deadline for submitting Day-Ahead Schedules, call primary phone (415) 973-6222 or backup phone (415) 973-4500. Also send email to DAenergy@pge.com.
  - e. For Hourly Forecasts of Generation, call PG&E's Real Time Desk at (415) 973-4500 and email to RealTime@pge.com.
  - f. For Planned Outages and Prolonged Outages, complete the specifics below and submit by email to PGOutageCoordination@pge.com, DAenergy@pge.com and Bilat\_Settlements@pge.com.
    - i. Email subject Field: dd/mm/yyyy through dd/mm/yyyy XYZ Company Project #2 Outage Notification
    - ii. Email body:

- 1. Type of Outage: Planned Outage, Forced Outage, Prolonged Outage
- 2. Start Date and Start Time
- 3. Estimated or Actual End Date and End Time
- 4. Date and time when reported to PG&E and name(s) of PG&E representative(s) contacted
- Text description of additional information as needed, including, but not limited to, changes to a Planned Outage, Prolonged Outage or Forced Outage.

#### C. Forced Outage Reporting

- 1. Forced Outages Seller shall notify PG&E Merchant Generation desk verbally within 10 minutes of event or as soon as reasonably possible, after ensuring the safety of all personnel and securing of all facility equipment.
  - Verbal notification shall include time of forced Outage, cause, current availability and estimated return date and time.
  - b. After verbally notifying PG&E Merchant Generation desk of the forced Outage, Seller shall also make commercially reasonable efforts to notify PG&E Settlements via PG&E's electronic website "PPIC".
  - c. If the "PPIC website is unavailable, submit the following information via email to Bilat Settlements@pge.com.
    - i. Email subject Field: dd/mm/yyyy through dd/mm/yyyy XYZ Company Project #2 Outage Notification
    - ii. Email body:
      - 1. Type of Outage: Planned Outage, Forced Outage, Prolonged Outage
      - 2. Start Date and Start Time
      - 3. Estimated or Actual End Date and End Time
      - 4. Date and time when reported to PG&E and name(s) of PG&E representative(s) contacted

## **ATTACHMENT B**

List of Amended QF PPAs

P	G&E Log#	QF Name	Nameplate ==
	16W009	ALTAMONT MIDWAY LTD.	48,900
	13H132	DIGGER CREEK RANCH	600
	15H006	EIF HAYPRESS LLC (MDL)	8,700
	15H005	EIF HAYPRESS, LLC (LWR)	6,100
	13H001	EL DORADO (MONTGOMERY CK)	2,600
	10H007	ERIC AND DEBBIE WATTENBURG	275
	10H010	FIVE BEARS HYDROELECTRIC	990
-	25H037	FRIANT POWER AUTHORITY	25,000
	01W146A	GREEN RIDGE POWER LLC (100 MW - A)	43,100
)	01W146D	GREEN RIDGE POWER LLC (100 MW - D)	15,000
	16W011	GREEN RIDGE POWER LLC (23.8 MW)	10,800
,		GREEN RIDGE POWER LLC (5.9 MW)	5,900
}	01W035	GREEN RIDGE POWER LLC (70 MW)	54,000
ĺ	15H002	HENWOOD ASSOCIATES	594
, ,	25W105	INTERNATIONAL TURBINE RESEARCH	34,000
) 	25W105 25H073	KERN HYDRO (OLCESE)	16,000
,		KINGS RIVER HYDRO CO.	1,000
}		<u> </u>	1,000 85
(Carena		LANGERWERF DAIRY	Control of the Contro
) 	25H040	MADERA CANAL (1174 + 84)	563
)	25H042	MADERA CANAL (1923)	925
	25H041	MADERA CANAL STATION 1302	424
) 	25H036	MADERA-CHOWCHILLA WATER AND POWER AUTHORITY	2,000
3	13H047	MALACHA HYDRO L.P.	26,000
	18P059	MONTEREY REGIONAL WASTE MGMT DIST.	5,000
j	15H059	PLACER COUNTY WATER AGENCY	500
}	06H011	ROCK CREEK L.P.	3,700
	16H033	ROCK CREEK WATER DISTRICT	700
}	01W011	SEA WEST ENERGY - ALTECH	5,760
)	01W007	SEA WEST ENERGY - CWES	2,100
)	01W006	SEA WEST ENERGY - SEAWEST	65
	01W015	SEA WEST ENERGY - TAXVEST	715
1	01W014	SEA WEST ENERGY - VIKING	1,690
	01W012	SEA WEST ENERGY - WESTERN	2,700
<b>.</b>	19H048	SHAMROCK UTILITIES (CEDAR FLAT)	300
}	13H012	SHAMROCK UTILITIES (CLOVER LEAF)	200
1	13P163EO2	SIERRA PACIFIC IND. (ANDERSON)	5,000
,	13C049	SIERRA PACIFIC IND. (BURNEY)	20,000
1	12C008	SIERRA PACIFIC IND. (LINCOLN)	7,500
	10C018	SIERRA PACIFIC IND. (QUINCY)	20,000
1	10C010	SIERRA PACIFIC IND.(SONORA)	7,500
	13H016	SNOW MOUNTAIN HYDRO LLC (BURNEY CREEK)	3,000
	13H013	SNOW MOUNTAIN HYDRO LLC (COVE)	5,000
-	13H035	SNOW MOUNTAIN HYDRO LLC (PONDEROSA BAILEY CREEK)	1,100
	13H130	STEVE & BONNIE TETRICK	100
; ;	12H007	STS HYDROPOWER LTD. (KANAKA)	1,100
, ;	13H006	SUTTER'S MILL	150
, –	13H040	TKO POWER (SOUTH BEAR CREEK)	4,950
3	13H124	WATER WHEEL RANCH	975
4	1317124	VVALED VVIIEEL DAINOIT	403,361

## ATTACHMENT C

Declaration of
Hugh M. Merriam
In Support of
Fixed Energy Price Amendment

# DECLARATION OF HUGH M. MERRIAM IN SUPPORT OF THE FIXED ENERGY PRICE AMENDMENT August 3, 2011

- I, Hugh M. Merriam, declare as follows:
- 1. I am currently employed by Pacific Gas & Electric Company ("PG&E") as a Manager within PG&E's Energy Procurement organization. I have been employed by PG&E for twenty-eight years, and during that time, I have acquired knowledge of PG&E's contracts with numerous counterparties and have also gained knowledge of the operations of electric sellers in general. The purpose of this declaration is to support PG&E's application ("Application") for approval of the pro-forma Fixed Energy Price Amendment ("FEPA") and rate recovery of costs to be incurred under FEPA between PG&E and forty-eight Qualifying Facility ("QF") sellers ("Amendments"). In this declaration, I explain the terms of the FEPA, particularly the derivation of the fixed SRAC price.

#### DESCRIPTION OF THE AMENDMENTS

- 2. PG&E has offered the pro-forma FEPA to QFs using renewable energy resources to generate and deliver electricity ("Renewable QFs") under a Public Utility Regulatory Policies Act ("PURPA") power purchase agreement ("PPA") with PG&E. The pro-forma FEPA is attached as Attachment A to this Application. The FEPA provisions are described in the following paragraphs; capitalized terms have the meanings set forth in the FEPA.
- 3. The pro-forma FEPA is based on the Legacy PPA Amendment included in the Oualifying Facility/Combined Heat and Power Settlement ("QF/CHP Settlement") that was

approved by the Commission in D.10-12-035. The QF/CHP Settlement governs the prospective obligations of California investor-owned utilities ("IOUs") to purchase power from QFs under PURPA. Under the Legacy PPA Amendment, energy is priced at short run avoided cost ("SRAC") as defined in the QF/CHP Settlement. The FEPA provides the Renewable QF seller with a fixed price version of SRAC.

#### 4. Article 1: "Amendment Term"

The FEPA becomes effective the first day of the month after all Conditions Precedent have been met. The material Conditions Precedent are: (i) CPUC Approval of the Application (*i.e.*, Commission approval of the instant Application without revisions unacceptable to the Parties and such approval has become final and non-appealable,) and (ii) the QF/CHP Settlement Agreement is effective (*i.e.*, the utilities' application to be relieved of their PURPA obligations for QFs larger than 20 MW has been approved by the Federal Energy Regulatory Commission ("FERC") in a final and non-appealable decision).

The Amendment Term is the lesser of: (i) the remainder of the QF's existing PPA term, or (ii) five years after the Effective Date of the Amendment.

#### 5. Article 2: "Fixed Energy Price".

During the Delivery Term, Seller will be paid a Time-of-Delivery ("TOD") -adjusted price for energy at the fixed rate of \$53.70 per Megawatt-hour ("MWh") escalated by two percent ("2%") every twelve months from the Effective Date. The Fixed Energy Price will be adjusted by TOD factors corresponding to each of the TOD periods during which the energy is delivered. The TOD modifiers are the same as those in the Legacy PPA Amendment. However, because the FEPA TOD factors adjust a fixed energy price, unlike those in the Legacy PPA Amendment, they are not subject to revision each time new TOD factors are promulgated in

PG&E's revised Market Price Referent ("MPR").

#### 6. Article 3: "Generation Forecasting and Outage Notification".

This Article requires Seller to make a good faith effort to forecast its deliveries and notify PG&E of outages. In June each year, Seller must provide a non-binding forecast of its deliveries for every hour in the following calendar year and update its forecast on a monthly basis. Seller must also provide a non-binding day-ahead forecast in accordance with the CAISO schedule for daily forecasts of generation and notify PG&E of any forecast changes of 1 MW or more. Seller will provide PG&E an Annual Forecast of generation and Planned Outage Schedule in August each year. Whenever possible, seller will provide advance notice of any changes to its outage schedule. Finally, Seller agrees not to conduct Planned Outages during peak demand months.

The forecasting and notification requirements are identical to those in the Legacy PPA Amendment. These provisions are intended to provide PG&E with information that it needs to function as the scheduling coordinator for each Renewable QF under the California Independent System Operator ("CAISO") tariff. Although they are non-binding, these provisions provide benefits to PG&E and its customers because the Renewable QFs are not required by their existing PPAs to forecast their generation or to inform PG&E of when they intend to take their plants out of service.

#### 7. Article 4: "Conditions Precedent".

A summary of the Conditions Precedent is provided summarized under the heading, "Amendment Term," above, because the Conditions Precedent determine the start of the Amendment Term.

8. Article 5: "Additional Representations, Warranties, and Covenants".
Section 5.1 makes it explicit that a Renewable QF that has signed a FEPA waives its right

to execute the Legacy PPA Amendment offered by the Settlement Agreement. The FEPA is essentially a Legacy PPA Amendment that provides a fixed price form of SRAC. This term prevents a Seller from switching to a market-based SRAC when natural gas prices exceed the forecast prices embedded in the Fixed Energy Price and ensures that PG&E's customers will not lose the benefit of the FEPA gas price hedge.

The non-modifiable terms that are standard in a Renewables Portfolio Standard ("RPS")

PPA appear in this article and in the following article, "Additional Defined Terms."

Section 5.2 addresses the RPS eligibility of the transaction and Seller's conveyance of Green Attributes. In these non-modifiable terms, Seller warrants that it is a California Energy Commission-certified Eligible Renewable Energy Resource; that its output meets the requirements of the RPS; that it conveys all Green Attributes from the Project as part of the Product, that the Renewable Energy Credits ("RECs") transferred to the buyer conform to the requirements of the RPS; and that it has taken the necessary steps to have those RECs tracked in the Western Renewable Energy Generation Information System. This section includes the non-modifiable proviso that, to the extent a change in law occurs after execution of the FEPA that causes any of the foregoing representations to be false and misleading, it is not an event of default if Seller has used commercially reasonable efforts to comply with the change in law.

#### 9. Article 6, "Additional Defined Terms".

The meanings of defined terms are provided in this article. Defined terms that are essential to the effectiveness of the RPS non-modifiable terms, such as "Green Attributes", "Product", and "Renewable Energy Credits" are set out in this article.

#### 10. Article 7: "General Provisions".

Section 7.1 states that except as expressly modified by the Amendment, the QF's original

PPA is unchanged. Section 7.2 specifies that Seller may terminate the Amendment without incurring any liability if PG&E has failed to apply for CPUC Approval of the Amendment within ninety days of the date of execution, and that either Party may terminate the Amendment by providing written notice to the other Party if the Conditions Precedent have not been satisfied or waived in writing by both Parties on or before December 31, 2011. The remaining provisions in this article (*i.e.*, "Severability", "Execution in Counterparts", "Entire Agreement", and "Subsequent Amendment") are intrinsic to most commercial agreements. The non-modifiable RPS version of "Governing Law" is included at Section 7.4.

#### REASONABLENESS OF A FIXED ENERGY PRICE FOR QFs

#### 11. History of QF Fixed Energy Prices.

The avoided cost pricing adopted by the Commission in its implementation of PURPA included fixed energy prices from the beginning of California's PURPA program. The Standard Offer 4 ("ISO 4") Power Purchase Agreements ("PPAs") provided sellers with the option to select fixed energy pricing for ten years. After the fixed energy price period expired, sellers and customers experienced SRAC that varied with each month's gas prices. The Commission addressed the high energy prices that erupted during the energy crisis by authorizing investor-owned utilities to offer sellers a five year fixed energy price of \$53.70/MWh.<sup>1</sup> Near the end of this fixed-price period, PG&E and QF representative Independent Energy Producers ("IEP") negotiated and obtained Commission approval of a subsequent SRAC to settle of various PURPA-related claims.<sup>2</sup> Under this settlement, a five year fixed energy price of \$64.50/MWh, escalating at one percent (1%) per year, was made available to non-fossil fuel OFs; this pricing

<sup>&</sup>lt;sup>1</sup> CPUC Decision ("D.") 01-06-015.

<sup>&</sup>lt;sup>2</sup> D. 06-07-032

expires in August 2011 for most QFs.<sup>3</sup>

#### 12. PG&E's Fixed Energy Price Offer Provides Public Benefits.

There are two reasons for PG&E's offer. First, PG&E offered the Fixed Energy Price in response to requests for fixed pricing by IEP and individual Renewable QFs, some of whom have been on fixed pricing for approximately twenty years. Second, a fixed price provides a hedge against variations in monthly SRAC prices and provides Sellers revenue certainty for their procurement of fuel, the price of which is not tied to the price of natural gas (i.e. biomass, geothermal, wind, and hydro.)

The SRAC paid under the Legacy PPA Amendment will be calculated monthly as the product of a CPUC-adopted heat rate and the bidweek market price<sup>4</sup> of gas supplied to PG&E, plus variable operations and management costs and hourly locational adder. The Fixed Energy Price uses a current forward price of gas instead of the bidweek market price of gas. This alleviates the risk that differences between the cost of SRAC fuel and the Renewable QF's own fuel may jeopardize the economic viability of the QF.

The FEPA should provide Renewable QFs more financial stability, leading to more consistent deliveries of RPS-eligible electricity. This means that existing supplies of renewable energy will be preserved for PG&E's customers at a reasonable cost and customers can avoid the potentially greater expense of replacement renewable energy during the term of the FEPA. Sellers will have the benefit of a fixed price at no additional cost to customers. Although gas prices over the next five years are expected to deviate from the current forward prices of gas, and the rate of inflation most likely will differ from 2%, these deviations do not unnecessarily burden

<sup>&</sup>lt;sup>2</sup> Due to timing issues, the fixed energy pricing term expires in November 2011 for one particular OF.

<sup>&</sup>lt;sup>4</sup> Bidweek price means the average price of gas during the last week of the month for delivery of gas for the upcoming month

PG&E's customers; the FEPA will act as a hedge against deviations from PG&E's forecasts.

#### 13. Derivation of the SRAC-Based Fixed Energy Price.

The Fixed Energy Price was based upon a forecast of the SRAC price under Option A of the Legacy QF PPA. The Fixed Energy Price is \$53.70/MWh during the first year and is subject to annual escalation at a rate of 2%. A single, fixed price for all five years would include compound escalation for all four of the succeeding years. The FEPA does not use such a price; instead, the FEPA price is escalated each year of the individual QF's Amendment Term. This avoids a windfall to QFs with terms of less than five years.

The Fixed Energy Price relies on the price formula under Option A but uses gas forward prices and power forward prices from March 28, 2011 to establish gas prices and the market heat rate for the years 2015 onward and a GHG Allowance Cost consistent with current market and regulatory expectations. This calculation resulted in an energy price of approximately \$53.80/MWh escalating at 2% per year. PG&E decreased the initial price to \$53.70/MWh to correspond to the fixed energy price authorized by D.01-06-015.

In assuming a certain GHG emissions price, PG&E considered a number of factors, including costs imputed from forward curves, consultant reports, market data provided by IEP and the California Air Resources Board's ("ARB") Proposed Cap and Trade Regulation's market floor price. Under the regulations proposed by ARB at the time PG&E discussed this issue with IEP, the ARB-specified allowance market price floor (minimum) was \$10 per MT in 2012, escalating at 5% + CPI each year. This was used as guidance for the GHG Allowance Costs included in the calculation of the Fixed Energy Price even though ARB has postponed the initiation of the cap and trade market until 2013.

<sup>&</sup>lt;sup>5</sup> The average price during the five-year forecast period is \$56.03/MWh.

#### CONCLUSION

14. Based on the foregoing, I conclude that the terms of the FEPA are reasonable; PG&E's execution of the FEPA with the forty-eight QFs should be approved; and PG&E should be authorized to recover its costs incurred under the forty-eight Fixed Energy Price Amendments in rates.

I declare under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct, and if called to testify on these matters, could and would competently do so.

Executed on August 3, 2011 in San Francisco, California.

HUGH M. MERRIAM

## ATTACHMENT D

Balance Sheet and Income Statement Of Pacific Gas and Electric Company

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

	(Unaudit	(Unaudited)		
	Three Months Ended March 31,			
(in millions)	2011	2010		
Operating Revenues		-		
Electric	\$ 2,616	\$ 2,510		
Natural gas	980	965		
Total operating revenues	3,596	3,475		
Operating Expenses				
Cost of electricity	888	920		
Cost of natural gas	508	495		
Operating and maintenance	1,226	990		
Depreciation, amortization, and decommissioning	490	451		
Total operating expenses	3,112	2,856		
Operating Income	484	619		
Interest income	2	2		
Interest expense	(171)	(156)		
Other income (expense), net	17	(6)		
Income Before Income Taxes	332	459		
Income tax provision	131	195		
Net Income	201	264		
Preferred stock dividend requirement	3	3		
Income Available for Common Stock	\$ 198	\$ 261		

See accompanying Notes to the Condensed Consolidated Financial Statements.

## PACIFIC GAS AND ELECTRIC COMPANY CONDENSED CONSOLIDATED BALANCE SHEETS

	(Unaudited)		
-	Balance At		
(in millions)	March 31, 2011	December 31, 2010	
ASSETS			
Current Assets			
Cash and cash equivalents	\$ 52	\$ 51	
Restricted cash (\$35 and \$38 related to energy recovery bonds at			
March 31, 2011 and December 31, 2010, respectively)	431	563	
Accounts receivable			
Customers (net of allowance for doubtful accounts of \$85			
and \$81 at March 31, 2011 and December 31, 2010, respectively)	922	944	
Accrued unbilled revenue	616	649	
Regulatory balancing accounts	1,293	1,105	
Other	842	856	
Regulatory assets	580	599	
Inventories		150	
Gas stored underground and fuel oil	78	152	
Materials and supplies	214	205	
Income taxes receivable	43	48	
Other	243	190	
Total current assets	5,314	5,362	
Property, Plant, and Equipment			
Electric	34,068	33,508	
Gas	11,482	11,382	
Construction work in progress	1,369	1,384	
Total property, plant, and equipment	46,919	46,274	
Accumulated depreciation	(15,047)	(14,826)	
Net property, plant, and equipment	31,872	31,448	
Other Noncurrent Assets			
Regulatory assets (\$645 and \$735 related to energy recovery bonds at			
March 31, 2011 and December 31, 2010, respectively)	5,655	5,846	
Nuclear decommissioning trusts	2,054	2,009	
Income taxes receivable	614	614	
Other _	364	400	
Total other noncurrent assets	8,687	8,869	
TOTAL ASSETS	\$ 45,873	\$ 45,679	

See accompanying Notes to the Condensed Consolidated Financial Statements.

## PACIFIC GAS AND ELECTRIC COMPANY CONDENSED CONSOLIDATED BALANCE SHEETS

	(Unaudited)		
	Balance At		
(in millions, except share amounts)	March 31, 2011	December 31, 2010	
LIABILITIES AND SHAREHOLDERS' EQUITY			
Current Liabilities		en e	
Short-term borrowings	\$ 1,288	\$ 853	
Long-term debt, classified as current	922	809	
Energy recovery bonds, classified as current	409	404	
Accounts payable			
Trade creditors	974	1,129	
Disputed claims and customer refunds	691	745	
Regulatory balancing accounts	531	256	
Other	539	390	
Interest payable	774	857	
Income taxes payable	137	116	
Deferred income taxes	87	118	
Other	1,249	1,349	
Total current liabilities	7,601	7,026	
Noncurrent Liabilities			
Long-term debt	9,945	10,557	
Energy recovery bonds	321	423	
Regulatory liabilities	4,584	4,525	
Pension and other postretirement benefits	2,227	2,174	
Asset retirement obligations	1,583	1,586	
Deferred income taxes	5,833	5,659	
Other	1,965	2,008	
Total noncurrent liabilities	26,458	26,932	
Commitments and Contingencies (Note 10)			
Shareholders' Equity			
Preferred stock	258	258	
Common stock, \$5 par value, authorized 800,000,000 shares, 264,374,809			
shares outstanding at March 31, 2011 and December 31, 2010	1,322	1,322	
Additional paid-in capital	3,306	3,241	
Reinvested earnings	7,114	7,095	
Accumulated other comprehensive loss	(186)	(195)	
Total shareholders' equity	11,814	11,721	
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$ 45,873	\$ 45,679	

See accompanying Notes to the Condensed Consolidated Financial Statements.

## **ATTACHMENT E**

Summary of Earnings Of Pacific Gas and Electric Company

## PACIFIC GAS AND ELECTRIC COMPANY ALL OPERATING DEPARTMENTS REVENUES, EXPENSES, RATE BASES AND RATES OF RETURN YEAR 2009 RECORDED ADJUSTED FOR RATEMAKING (000\$)

Line No.		Electric Operations	Gas Operations	Total Utility Operations
1	Operating Revenue	10,095,743	3,273,991	13,369,734
2	Operation Expenses	6,117,502	2,192,173	8,309,675
3	Maintenance Expenses	611,429	168,158	779,586
4	Depreciation Expense	917,938	317,514	1,235,452
5	Amortization & Depletion of Utility Plant	123,406	29,663	153,069
5 6	Regulatory Debits and Credits	195,773	0	195,773
7	Taxes Other Than Income Taxes	277,589	80,047	357,636
8	Income Taxes	472,953	130,386	603,339
9	Gains from Disposition of Utility Plant	(448)	0	(448)
10	Subtotal	8,716,142	2,917,941	11,634,082
11	Operating Income	1,379,601	356,051	1,735,652
12	Weighted Average Rate Base	15,694,208	4,316,216	20,010,424
13	Rate of Return	8.79%	8.25%	8.67%

#### CERTIFICATE OF SERVICE BY ELECTRONIC AND U. S. MAIL

I, the undersigned, state that I am a citizen of the United States and am employed in the City and County of San Francisco; that I am over the age of eighteen (18) years and not a party to the within cause; and that my business address is Pacific Gas and Electric Company, 77 Beale St., B30A, San Francisco, CA 94105-1814.

I am readily familiar with the business practice of Pacific Gas and Electric Company for collection and processing of correspondence for mailing with the United States Postal Service. In the ordinary course of business, correspondence is deposited with the United States Postal Service the same day it is submitted for mailing.

On the 3<sup>rd</sup> day of August, 2011, I served a true copy of:

## APPLICATION OF PACIFIC GAS AND ELECTRIC COMPANY (U 39 E) FOR APPROVAL OF FIXED ENERGY PRICE AMENDMENTS WITH EXISTING RENEWABLE QUALIFYING FACILITIES

- [XX] Electronic Mail: By serving the enclosed document, via electronic mail transmission, to each of the parties with electronic mail address listed on each of the official CPUC Service Lists for Docket No's. R.11-05-005, A.08-11-001, R.06-02-013, R.04-04-003, R.04-04-025, and R.99-11-022.
- [XX] By U. S. Mail: By serving the enclosed document, via U. S. Mail, to each of the parties listed on the Official Service Lists for CPUC Docket No's. R.11-05-005, A.08-11-001, R.06-02-013, R.04-04-003, R.04-04-025, and R.99-11-022 without electronic mail addresses.

I certify and declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on this 3<sup>rd</sup> day of August, 2011 at San Francisco, California.