

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



February 27, 2012

Advice Letter 3880-E

Brian K. Cherry
Vice President, Regulation and Rates
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

Subject: Procurement Transaction Quarterly Compliance Filing (Q2, 2011)

Dear Mr. Cherry:

Advice Letter 3880-E is effective February 13, 2012.

Sincerely,

A handwritten signature in dark ink that reads "Edward F. Randolph".

Edward F. Randolph, Director
Energy Division

July 29, 2011

Advice 3880-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Procurement Transaction Quarterly Compliance Filing (Q2, 2011)

Pacific Gas and Electric Company ("PG&E") hereby submits to the California Public Utilities Commission ("Commission" or "CPUC") its compliance filing for the first quarter of 2011, pursuant to PG&E's Conformed 2006 Long-Term Procurement Plan, submitted in Advice 3233-E and amended by Advice 3233-E-A. PG&E's submittal of this Procurement Transaction Quarterly Compliance Report ("QCR") for record period April through June 2011 (Q2-2011)¹ is in accordance with Decision ("D.") 03-12-062, Ordering Paragraph 19, which requires that the Quarterly Procurement Plan Compliance Reports be submitted within 30 days of the end of the quarter.

Background

D.07-12-052 directed Energy Division and the Investor Owned Utilities ("IOUs") to continue the collaborative effort to develop a reformatted QCR. The Commission authorized Energy Division to implement a reformatted QCR and to make ministerial changes to the content and format of the report as needs arise. Energy Division and the IOUs have finalized the QCR format. PG&E's submittal of its second Quarter 2011 QCR is in the final format authorized by Energy Division on December 15, 2008.

Compliance Items

An Attachment (the narrative) with supporting Confidential Attachments conforms to the reformatted QCR and is being submitted to the Energy Division.

The supporting Confidential Attachments are:

¹ PG&E's 2006 Conformed Long-Term Procurement Plan, Cal. P.U.C. Sheet No. 87.

- Attachment A – Second Quarter 2011 Transactions
- Attachment B – Second Quarter 2011 Counter-Party Information
- Attachment C – Second Quarter 2011 Electric Transactions Summary
- Attachment D – Second Quarter 2011 Natural Gas Transactions Summary
- Attachment E – Second Quarter 2011 Other Transactions
- Attachment F – Second Quarter 2011 Key Briefing Packages
- Attachment G – Second Quarter 2011 Independent Evaluator Reports
- Attachment H – Second Quarter 2011 New Contracts Executed/Contracts Amended
- Attachment I – Summary of Retained Generation Investments Completed During Second Quarter 2011
- Attachment J – System Load Requirements/Conditions
- Attachment K – Risk Management Strategy Communication and Management Disclosure
- Attachment L – Reasonable Number of Analyses Models, Description of Models, and How Models Operate
- Attachment M – Transactions Subject to Strong Showing

Protests

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, by facsimile or electronically, any of which must be received no later than **August 18, 2011**, which is 20 days after the date of this filing. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. Protests should be mailed to:

CPUC Energy Division
Tariff Files, Room 4005
DMS Branch
505 Van Ness Avenue
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: jnj@cpuc.ca.gov and mas@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest also should be sent via U.S. mail to (and by facsimile and electronically, if possible) to PG&E at the address shown below on the same date it is mailed or delivered to the Commission:

Brian K. Cherry
Vice President, Regulation and Rates
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, California 94177

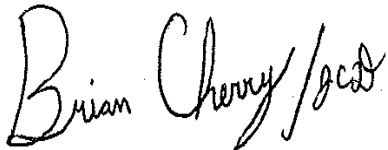
Facsimile: (415) 973-6520
E-mail: PGETariffs@pge.com

Effective Date

In accordance with D.02-10-062, we request that this advice letter be given an effective date of **July 29, 2011**.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter excluding the confidential appendices is being sent electronically and via U.S. mail to parties shown on the attached list and the service lists for Rulemaking ("R.") 01-10-024 and R.04-04-003. Address changes to the General Order 96-B service list and all electronic approvals should be sent to e-mail PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Advice letter filings can also be accessed electronically at: <http://www.pge.com/tariffs>.

A handwritten signature in black ink that reads "Brian Cherry" followed by a stylized monogram or initials.

Vice President – Regulation and Rates

cc: Service List - R.01-10-024 and R.04-04-003
PG&E's Procurement Review Group

Public Attachments:

Attachment 1 – Declarations

Attachment 2 – Quarterly Compliance Review Narrative

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

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

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

Utility type:

☒ ELC

☒ GAS

☐ PLC

☐ HEAT

☐ WATER

Contact Person: Conor Doyle

Phone #: (415) 973-7817

E-mail: jcdt@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric

GAS = Gas ☐

PLC = Pipeline

HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **3880-E**

Tier: 2

Subject of AL: **Procurement Transaction Quarterly Compliance Filing (Q2, 2011)**

Keywords (choose from CPUC listing): **Procurement**

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

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: **D.03-12-062**

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for: Yes. See the attached matrix that identifies all of the confidential information.

Confidential information will be made available to those who have executed a nondisclosure agreement: **All members of PG&E's Procurement Review Group who have signed nondisclosure agreements will receive the confidential information.**

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: **Sharon Tatai (415) 973-2788, Peter Koszalka (415) -973-3818**

Resolution Required? ☐ Yes ☒ No

Requested effective date: **July 29, 2011**

No. of tariff sheets: NA

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

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

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

Tariff schedules affected: NA

Service affected and changes proposed:

Protests, dispositions, and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division

Tariff Files, Room 4005

DMS Branch

505 Van Ness Ave., San Francisco, CA 94102

jnj@cpuc.ca.gov and mas@cpuc.ca.gov

Pacific Gas and Electric Company

Attn: Brian Cherry, Vice President, Regulation and Rates

77 Beale Street, Mail Code B10C

P.O. Box 770000

San Francisco, CA 94177

E-mail: PGETariffs@pge.com

Attachment 1
Confidentiality Declaration and Matrix

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

**DECLARATION OF SHARON K. TATAI
SEEKING CONFIDENTIAL TREATMENT OF FOR CERTAIN DATA AND
INFORMATION CONTAINED IN PG&E'S ADVICE LETTER 3880-E REGARDING
CONFIDENTIAL ATTACHMENTS A, B, C, E, F, G, H, J, K, L, AND M**

I, Sharon K. Tatai, declare:

1. I am presently employed by Pacific Gas and Electric Company ("PG&E"), and have been an employee at PG&E since 1980. My current title is Manager within PG&E's Energy Procurement organization. In this position, my responsibilities include review of regulatory reports. In carrying out these responsibilities, I have acquired knowledge of PG&E's regulatory reporting and have also gained knowledge of electric energy procurement data, processes, and practices. Through this experience, I have become familiar with the type of information that would affect the regulatory filing, as well as with the type of information that would be considered confidential and proprietary.
2. Based on my knowledge and experience, and in accordance with Decision ("D.") 08-04-023 and the August 22, 2006 "Administrative Law Judge's Ruling Clarifying Interim Procedures for Complying with Decision 06-06-066," I make this declaration seeking confidential treatment of PG&E's July 29, 2011 PG&E'S Advice Letter 3880-E, Confidential Attachments A, B, C, E, F, G, H, J, K, L. By this Application, PG&E is seeking the Commission's approval Quarter Two, 2011 Quarterly Procurement Transaction Compliance Report, submitted by PG&E.
3. Attached to this declaration is a matrix identifying the data and information for which PG&E is seeking confidential treatment. The matrix specifies that the material PG&E is seeking to protect constitutes the particular type of data and information listed in Appendix I of D.06-06-

066 and Appendix D.08-04-023 (the "IOU Matrix"), and/or constitutes information that should be protected under General Order 66-C. The matrix also specifies the category or categories in the IOU Matrix to which the data and information corresponds, and why confidential protection is justified. Finally, the matrix specifies that: (1) PG&E is complying with the limitations specified in the IOU Matrix for that type of data or information; (2) the information is not already public; and (3) the data cannot be aggregated, redacted, summarized or otherwise protected in a way that allows partial disclosure. By this reference, I am incorporating into this declaration all of the explanatory text in the attached matrix that is pertinent to this submittal.

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

Executed on July 29, 2011 at San Francisco, California.

_____/s/_____
Sharon K. Tatai
Manager
Energy Compliance and Report
Energy Procurement
PACIFIC GAS AND ELECTRIC COMPANY

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 E)
PROPOSAL REGARDING ADVISE LETTER 3880-E
QUARTERLY PROCUREMENT TRANSACTION COMPLIANCE REPORT OF QUARTER TWO 2011
July 29, 2011**

IDENTIFICATION OF CONFIDENTIAL INFORMATION

Redaction Reference	1) The material submitted constitutes a particular type of data listed in the Matrix, appended as Appendix 1 to D.06-06-066 (Y/N)	2) Which category or categories in the Matrix the data correspond to:	3) That it is complying with the limitations on confidentiality specified in the Matrix for that type of data (Y/N)	4) That the information is not already public (Y/N)	5) The data cannot be aggregated, redacted, summarized, masked or otherwise protected in a way that allows partial disclosure (Y/N)	PG&E's Justification for Confidential Treatment	Length of Time
Attachment A – Physical and Financial Electric Deals	Y	Item VI) E) and F) Utility Planning Area Matrix Net Open (Electric); Matrix page 13	Y	N	N	Disclosure of monthly and daily data provide an understanding of PG&E's strategy for closing out its net open position.	3 Years
Attachment A – Physical and Financial Electric Deals	Y	Item XIII) Energy Division Monthly Data Request (AB 57); Matrix page 22	Y	Y	N	This information reveals procurement cost categorized by transaction type, which is provided to Energy Division per AB 57 and is confidential for three years.	3 Years
Attachment B Counterparty information, including non-investment grade counterparties – Table - “List of Non-Investment Grade Counterparties”	Y	CPUC General Order 66-C	Y	Y	N	The credit status of counterparties constitutes confidential non-utility business information protected under GO 66-C.	No expiration because PG&E will be purchasing from non-utility businesses for the foreseeable future. There is no time limit on protection afforded non-utility businesses

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 E)
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							under G.O. 66-C
Attachment B Counterparty information, including counterparty concentration – Table “List of Top Ten Counterparties” by transaction volume and dollar value	Y	CPUC General Order 66-C	N	Y	Y	Counterparty sales revenues constitute confidential non-utility business information protected under GO 66-C.	No expiration because PG&E will be purchasing from non-utility businesses for the foreseeable future. There is no time limit on protection afforded non-utility businesses under G.O. 66-C
Attachment C Electric Transactions – Tables “Electric Physical”, “Electr	Y	XI) Monthly Procurement Costs (Energy Resource Recovery Account [ERRA] Filings); Matrix	Y	Y	N	These analyses are the basis of the monthly variable cost of energy and utility operation, which must be protected to preserve the confidentiality of ERRA documentation.	3 Years

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 E)
PROPOSAL REGARDING ADVICE LETTER 3880-E
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ic Financial", "Electric-Physical-HA Only", "List of Top Ten Counterparties" – all by transaction volume and dollar value		page 22					
Attachment C Electric Transactions (see above)	Y	Item XIII) Energy Division Monthly Data Request (AB 57); Matrix page 22	Y	Y	N	This information is provided to Energy Division on a confidential basis per AB 57 and must be protected here to preserve confidentiality of the AB 57 report.	3 Years
Attachment E Other Transactions	Y	VII) B) Bilateral Contract Terms and Conditions – contracts and power purchase agreements between utilities and non-affiliated third parties; Matrix page 15	Y	N	N	Disclosure of information would provide counterparty name, volume, and price and would provide market sensitive information regarding bid strategy and selection.	3 Years
Attachment F PRG Material	Y	Item VII) E) New non-utility affiliated bilateral contracts – Electric; Matrix page 16, etc.	Y	Y	N	Presentations to the PRG provide confidential bilateral contract terms, including price and performance terms. Confidentiality protection depends on type of material presented, see, <i>infra</i> .	3 Years from initial delivery date specified in contract or 1

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							Year after termination of deliveries, whichever is less
Attachment F PRG Material	Y	Item I) A) Natural Gas Information – Forecasts (gas)utility specific gas price and demand forecasts, forecasts, long-term gas buying and hedging plans, and Monthly DWR procurement; Matrix pages 1-3	Y	N	N	Gas procurement presentations to PRG recommend action based on PG&E's confidential and proprietary gas forecasts and strategies	3 Years
Attachment F PRG Material	Y	Item II) B) 2) Utility recorded gas procurement and cost information; Matrix page 3	Y	N	N	Covers actual quantity and cost of procured natural gas	One year after conclusion of deliveries
Attachment F PRG Material	Y	CPUC General Order 66-C	Y	N	N	The terms of contracts between PG&E and third parties constitute confidential non-utility business information protected under GO 66-C.	No expiration. No time limit on protection afforded non-utility businesses

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 E)
PROPOSAL REGARDING ADVICE LETTER 3880-E
QUARTERLY PROCUREMENT TRANSACTION COMPLIANCE REPORT OF QUARTER TWO 2011
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							under G.O. 66-C
Attachment G Independent Evaluator Reports	Y	VII) B) Bilateral Contract Terms and Conditions – contracts and power purchase agreements between utilities and non-affiliated third parties,,Matrix page 15	Y	N	N	Terms required to be made public have been disclosed in the public version of each IE Report and are not subject to this request. The IE reports also rely on Matrix -protected confidential PG&E price, notional value, competitive solicitation scoring and results, and demand forecasts to evaluate the reasonableness of the proposed transaction.	3 Years from date of issuance; 3 years confidentiality period recommences when facility being evaluated begins deliveries
Attachment G Independent Evaluator Reports	Y	CPUC General Order 66-C	Y	N	N	The terms of contracts between PG&E and third parties constitute confidential non-utility business information protected under GO 66-C.	No expiration. No time limit on protection afforded non-utility businesses under G.O. 66-C
Attachment H Executed		VII) B) Bilateral Contract Terms and Conditions – contracts				Disclosure of information would provide counterparty name, volume, and price and would provide market sensitive information regarding bid	3 Years

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 E)
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Contracts	Y	and power purchase agreements between utilities and non-affiliated third parties.;Matrix page 15	Y	N	N	strategy and selection.	
Attachment J Residual Net Short/Residual Net Long	Y	Item VI) Utility Bundled Net Open Position (Electric); Matrix page 13	Y	N	N	Residual net short/long is key input to PG&E's confidential forecast of net open position	3 Years
Attachment J Residual Net Short/Residual Net Long	Y	Item VI) Utility Planning Area Net Open; Matrix page 14	Y	N	N	Monthly data confidential	3 Years
Attachment J Residual Net Short/Residual Net Long	Y	Item XIII) Energy Division Monthly Data Request (AB 57); Matrix page 22	Y	N	N	The residual net short/long is information is provided to Energy Division on a confidential basis per AB 57 and must be protected here to preserve confidentiality of the AB 57 report.	3 Years
Attachment J Residual Net Short/Residual Net Long	Y	Item I) A) 4) Long-term fuel (gas) buying and hedging plans; Matrix page 2	Y	N	N	This information is the basis for PG&E's purchase and hedging plans and must remain confidential to avoid disclosing PG&E's market strategy,	3 Years
Attachment K Risk Management	Y	Item XII) Monthly Portfolio Risk Assessment; Matrix page 22	Y	N	N	TeVAr and supporting forecasts and analysis are confidential	3 Years

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 E)
PROPOSAL REGARDING ADVICE LETTER 3880-E
QUARTERLY PROCUREMENT TRANSACTION COMPLIANCE REPORT OF QUARTER TWO 2011
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Attachment K Risk Management		Item I) A) 4) Long-term fuel (gas) buying and hedging plans; Matrix page 2	Y	N	N	This information is the basis for PG&E's purchase and hedging plans and must remain confidential to avoid disclosing PG&E's market strategy	3 Years
Attachment L Reasonable Number of Analyses	Y	XI) Monthly Procurement Costs (Energy Resource Recovery Account [ERRA] Filings); Matrix page 22	Y	N	N	These analyses are the basis of the monthly variable cost of energy and utility operation, which must be protected to preserve details which would reveal PG&E in the market place.	3 Years
Attachment M Transactions subject to Strong Showing	Y	XI) Monthly Procurement Costs (Energy Resource Recovery Account [ERRA] Filings); Matrix page 22	Y	N	N	These analyses are the basis of the monthly variable cost of energy and utility operation, which must be protected to preserve the details which would reveal PG&E in the market place.	3 Years

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

**DECLARATION OF PETER E. KOSZALKA
SEEKING CONFIDENTIAL TREATMENT OF FOR CERTAIN DATA AND
INFORMATION CONTAINED IN PG&E'S ADVICE LETTER 3880-E REGARDING
CONFIDENTIAL ATTACHMENTS A, B, D, J, and M**

I, Peter E. Koszalka, declare:

1. I am presently employed by Pacific Gas and Electric Company (PG&E) and have been an employee since 2003 (and was previously employed by PG&E from 1983 to 1998). My current title is Director, Electric Gas Supply. In this position, my responsibilities include physical and financial trading of gas in support of PG&E's allocated DWR contracts, PG&E's company-owned generating facilities, and PG&E's tolling agreements. In carrying out these responsibilities, I have acquired knowledge of gas supply and gas hedging for electric generation, the markets for physical and financial products for gas supply and hedging, and the various types of transactions involved.
2. Based on my knowledge and experience, and in accordance with Decision ("D.") 08-04-023 and the August 22, 2006 "Administrative Law Judge's Ruling Clarifying Interim Procedures for Complying with Decision 06-06-066," I make this declaration seeking confidential treatment of PG&E's July 29, 2011 PG&E'S Advice Letter 3880-E, Confidential Attachments A, B, D, J, M. By this Application, PG&E is seeking the Commission's approval Quarter Two, 2011 Quarterly Procurement Transaction Compliance Report, submitted by PG&E.
3. Attached to this declaration is a matrix identifying the data and information for which PG&E is seeking confidential treatment. The matrix specifies that the material PG&E is seeking to protect constitutes the particular type of data and information listed in Appendix I of D.06-06-066 and Appendix D.08-04-023 (the "IOU Matrix"), and/or constitutes information that should

be protected under General Order 66-C. The matrix also specifies the category or categories in the IOU Matrix to which the data and information corresponds, and why confidential protection is justified. Finally, the matrix specifies that: (1) PG&E is complying with the limitations specified in the IOU Matrix for that type of data or information; (2) the information is not already public; and (3) the data cannot be aggregated, redacted, summarized or otherwise protected in a way that allows partial disclosure. By this reference, I am incorporating into this declaration all of the explanatory text in the attached matrix that is pertinent to this submittal.

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

Executed on July 29, 2011 at San Francisco, California.

_____/s/
Peter E. Koszalka
Director, Gas Supply
Energy Supply Management
PACIFIC GAS AND ELECTRIC COMPANY

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Attachment A – Physical Natural Gas Spot Transactions	Y	Item I) B) 2) Utility recorded gas procurement and cost information; Matrix page 3	Y	N	N	Actual quantity and cost of procured gas are protected.	One Year
Attachment A – Physical Natural Gas Term Transactions	Y	Item I) A) 4) Long-term fuel (gas) buying and hedging plans; Matrix page 2	Y	N	N	Each transaction is a factor in PG&E's long term buying and hedging strategies. With the entire set of transactions PG&E's counterparties could reconstruct PG&E's gas buying and hedging plans.	3 Years
Attachment A – Financial Natural Gas Transactions --	Y	Item XIII) Energy Division Monthly Data Request (AB 57); Matrix page 22	Y	N	N	This information reveals procurement cost categorized by transaction type, which is provided to Energy Division per AB 57 and is confidential for three years.	3 Years
Attachment B Counterparty information, including counterparty concentration – Table “List of Top Ten Counterparties” by transaction volume and dollar value	Y	CPUC General Order 66-C	Y	N	Y	Counterparty trade information constitutes confidential non-utility business information protected under GO 66-C.	No expiration because PG&E will be purchasing from non-utility businesses for the foreseeable future. There is no time limit on protection afforded non-utility

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							businesses under G.O. 66-C
Attachment D – Natural Gas Transactions	Y	Item I) A) 4), Long-term fuel (gas) buying and hedging plans; Matrix, page 3	Y	N	N	PG&E's hedging strategies may be deduced through an analysis of PG&E's summarized transactions.	3 Years
Attachment J Residual Net Short/Residual Net Long - Natural Gas Documents	Y	Item XIII) Energy Division Monthly Data Request (AB 57); Matrix page 22	Y	N	N	The residual net short/long is information is provided to Energy Division on a confidential basis per AB 57 and must be protected here to preserve confidentiality of the AB 57 report.	3 Years
Attachment J Gas Transaction - Natural gas Documents	Y	Item I) A) 4) Long-term fuel (gas) buying and hedging plans; Matrix page 2	Y	N	N	This information includes detailed information on PG&E's implementation of its purchase and hedging plans and must remain confidential to avoid disclosing PG&E's market strategy. The plans are imbedded in these documents.	3 Years
Attachment M Transactions subject to Strong Showing - Gas Financial Transactions	Y	XI) Monthly Procurement Costs (Energy Resource Recovery Account [ERRA] Filings); Matrix page 22	Y	N	N	These analyses are the basis of the monthly variable cost of energy and utility operation, which must be protected to preserve the confidentiality of ERRA documentation	3 Years
Attachment M Transactions subject to Strong		Item I) A) 4) Long-term fuel (gas) buying and hedging plans; Matrix					Confidential for three years past expiration

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 E)
PROPOSAL REGARDING ADVISE LETTER 3880-E
QUARTERLY PROCUREMENT TRANSACTION COMPLIANCE REPORT OF QUARTER TWO 2011
July 29, 2011**

IDENTIFICATION OF CONFIDENTIAL INFORMATION

Redaction Reference	1) The material submitted constitutes a particular type of data listed in the Matrix, appended as Appendix 1 to D.06-06-066 (Y/N)	2) Which category or categories in the Matrix the data correspond to:	3) That it is complying with the limitations on confidentiality specified in the Matrix for that type of data (Y/N)	4) That the information is not already public (Y/N)	5) The data cannot be aggregated, redacted, summarized, masked or otherwise protected in a way that allows partial disclosure (Y/N)	PG&E's Justification for Confidential Treatment	Length of Time
Showing – Gas Financial Transactions	Y	page 2	Y	N	N		of the last trade executed under the hedging plan. (Resolution E-4276, Finding 8) This date is December 1, 2016

Attachment 2
Procurement Plan Compliance Report

PACIFIC GAS AND ELECTRIC COMPANY
PROCUREMENT PLAN COMPLIANCE REPORT
FOR THE SECOND QUARTER OF 2011

July 29, 2011

List of Attachments

Confidential Attachment A:	Second Quarter 2011 Transactions
Confidential Attachment B:	Second Quarter 2011 Counterparty Information
Confidential Attachment C:	Second Quarter 2011 Electric Transactions Summary
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A. Introduction

As required by Ordering Paragraph (OP) 8 of Decision (D.) 02-10-062, and clarified in D.03-06-076, D.03-12-062, D.04-07-028, D.04-12-048 and D.07-12-052, Pacific Gas and Electric Company (PG&E) hereby provides its report demonstrating that its procurement-related transactions during the period April 1, 2011 through June 30, 2011 (Quarter), were in compliance with the latest California Public Utilities Commission (CPUC or Commission)-approved Assembly Bill 57 Long-Term Procurement Plan (Plan) adopted by the Commission in D.07-12-052, effective December 21, 2007, and were in compliance with the most recent hedging authority as approved by Resolution E-3951, Resolution E-4177, Resolution E-4276 and Resolution E-4362 as well as D.10-12-034 in which the CPUC authorized PG&E participation in convergence bidding.

Material deviations from the Plan are explained herein or in a separate letter to be filed with this advice letter.

B. Summary

During the Quarter, PG&E engaged in competitively priced transactions consistent with its Plan. All transactions were conducted using processes specified in the Plan. Any transactions executed with affiliates would be disclosed in Confidential Attachment A, *Transactions*; however, there were no affiliate transactions executed during the Quarter. All non-investment grade counterparties that PG&E transacted with during the Quarter are shown in Confidential Attachment B, *Counterparty Information*. Furthermore, the top 10 counterparties transacted with by volume are also listed in Confidential Attachment B, *Counterparty Information*.

Confidential Attachment C, *Electric Transactions Summary* is a summary of the electric transactions executed during the Quarter. During the Quarter, PG&E executed transactions resulting from the 2011 Resource Adequacy (RA) Solicitation Auction (Attachment E, *Other Transactions*). PG&E participated in the 2011 Congestion Revenue Right (CRR) Allocation and Auction in March (Attachment J, *System Load Requirements/Conditions*). The CRR quantities shown in these attachments are based on the delivery period specified in the transactions.

Therefore, CRR volumes received during the Quarter pursuant to transactions executed in prior quarters are excluded. Also excluded are transactions in the California Independent System Operator's (CAISO) integrated forward, real-time and ancillary services markets, since these transactions are, for the most part, made by the CAISO on behalf of PG&E and are made without regard to the Plan.¹

Confidential Attachment D, *Natural Gas Transactions Summary* is a summary of the gas transactions executed during the Quarter. In addition to the transactions mentioned above, CAISO initiated convergence bidding on February 1, 2011. PG&E is authorized to execute three strategies and did participate in the convergence bidding market in June 2011. The CPUC authorized PG&E to participate in convergence bidding in D.10-12-034.

PG&E also executed agreements resulting from a Photovoltaic Request for Offer (RFO) in June 2011. The agreements will be filed as a separate advice filing. This advice filing was filed on July 20, 2011.

PG&E also issued its RPS RFO on May 3, 2011. This RFO will continue through Third Quarter of 2011.

C. Master Data Request Documentation

D.02-10-062, Appendix B, as clarified by D.03-06-076, sets forth specific elements to be addressed in this report. Each element is discussed below.

1. Identification of the ultimate decision maker(s) up to the Board level, approving the transactions.

All procurement-related activity during the Quarter was approved and executed either by, or under the direction of Fong Wan, Senior Vice President, Energy Procurement, Roy Kuga, Vice President, Energy Supply Management, Gary Jeung, Senior Director, Renewable Energy, and Marino Monardi, Director, Portfolio Management consistent with the delegation of authority effective for the period.

¹ All CAISO real-time transactions are excluded from the Quarterly Compliance Report (QCR) process; other real-time transactions are included as applicable.

2. The briefing package provided to the ultimate decision maker.

The “decision-maker” for a particular contemplated transaction depends on many factors, including term, volume, notional value, etc. For many of the transactions during the Quarter, the “decision-maker” was a gas or power trading employee executing transactions (e.g., day-ahead or hour-ahead power purchases and sales) per an established plan or to achieve a particular objective (such as balancing the portfolio supply and demand). For such transactions, briefing packages are not prepared. Briefing packages prepared during the Quarter for large or unusual transactions that required senior management approval are included in Confidential Attachment F, *Key Briefing Packages*.

In addition, copies of presentations made by PG&E to its Procurement Review Group (PRG) during the Quarter are included in Confidential Attachment F, *Key Briefing Packages*.

3. Description of and justification for the procurement processes used to select the transactions.

a) Electric

Description of Procurement Processes

The approved procurement processes used during the Quarter were as follows:

- CAISO Monthly CRR Allocation and Auction Process – In April 2011, PG&E participated in Tier 1 and Tier 2 of the CAISO’s monthly CRR allocation and auction process to procure CRRs for May 2011. In May 2011, PG&E participated in Tier 1 and Tier 2 of the CAISO’s monthly CRR allocation and auction process to procure CRRs for June 2011. In June 2011, PG&E participated in Tier 1 and Tier 2 of the CAISO’s monthly CRR allocation and auction process to procure CRRs for July 2011.
- Convergence Bidding – CAISO initiated convergence bidding on February 1, 2011. In D.10-12-034, the CPUC authorized PG&E’s participation in convergence bidding using three specific strategies. PG&E monitored the activities in this market during the Quarter.

- 2011 RA Solicitation Auction Issued in the Second Quarter – PG&E issued an RA Solicitation Auction on May 16, 2011 for (1) Offers for PG&E to Buy (System RA – August and/or September 2011) and (2) Bids for PG&E to Sell (Bay Area Local RA – July through December 2011 and Other PG&E Areas Local RA – July through December 2011). PG&E executed transactions resulting from the 2011 RA Solicitation Auction during the Second Quarter.
- Strategies Resulting from 2011 RA Solicitation Auction Issued in the First Quarter – PG&E issued an RA Solicitation Auction on March 4, 2011 to (1) purchase system RA during July and August 2011 and (2) sell 2011 local RA May through December 2011. PG&E executed transactions from the RA Solicitation Auction during the First Quarter. Additional strategies were issued to complement the transactions resulting from this solicitation.
- Voice and On-Line Brokers – PG&E evaluates the use of voice and on-line broker markets for non-standard products, such as trading in the day-ahead market for individual hours, blocks or strips of hours, on specific days of the week as well as standard products during the Quarter.
- Electronic Exchanges – PG&E engaged in electronic broker market transactions to manage its physical net open position and to participate in economic transactions designed to reduce ratepayers' exposure to market volatility. Transactions include forward transactions with deliveries starting within the next quarter and up to one quarter in duration, monthly, balance of month (BOM), day-ahead, and hour-ahead transactions.
- Bilateral - Direct with Counterparties – While PG&E executes its transactions through brokers and electronic exchanges, PG&E also exercises the option to transact directly with counterparties. These transactions may include intra-day, day-ahead, and forward term transactions.

- Agreements Arising from the Combined Heat and Power (CHP)/Qualifying Facility (QF) Settlement (*For informational purposes only*) – On October 8, 2010, multiple parties² reached a settlement that resolves past commercial and payment disputes among Buyers and Sellers (i.e., the IOUs and QF counterparties, respectively), and establishes a future program for developing new CHP resources in California (“the CHP Program Settlement”). On December 16, 2010, the CPUC adopted Decision 10-12-035 approving the CHP Program Settlement, which is designed to preserve resource diversity, fuel efficiency, greenhouse gas (GHG) emissions reductions, and other benefits and contributions of CHP. During the course of the CHP Program Settlement negotiations, PG&E executed and sought separate CPUC approval for several new Power Purchase Agreements (PPA) that were bilaterally negotiated among the Settlement Parties.³

b) Justification for Procurement Processes

For competitive solicitations, describe the process used to rank offers and select winning bid(s).

- 2011 RA Solicitation Auction – PG&E requested offers for PG&E to buy (system RA – August and/or September 2011) and for PG&E to sell (Bay Area local RA – July through December 2011 and Other PG&E Areas Local RA – July through December 2011). PG&E reviewed and evaluated the offers and then executed the specific bids that filled PG&E’s RA needs.

² The Settlement Parties include the large California investor-owned utilities (IOU), specifically Southern California Edison Company, Pacific Gas and Electric Company, San Diego Gas & Electric Company; representatives from the California Cogeneration Council, the Independent Energy Producers Association, the Cogeneration Association of California, and the Energy Producers and Users Coalition representing Qualifying Facilities and Combined Heat and Power facilities; and The Utility Reform Network and the Division of Ratepayer Advocates representing consumers.

³ Twelve new transactions were bilaterally negotiated during the CHP Program Settlement. In Q1-2011, CPUC approved seven new PPAs arising from the CHP Program Settlement in D.11-03-010 (known as the “Westside PPAs”) and D.11-03-011 (known as the “Competitive Asset Management PPAs”). In Q2-2011, the CPUC approved five PPA amendments with legacy QF counterparties – three amendments converting “must-take” generation from existing QF facilities to utility-prescheduled facilities (or Legacy Amendment “Option C1”) in D.11-06-029 and two PPA amendments with Berry Petroleum in Resolution E-4413.

For other transactional methods, provide the documentation supporting the selection of the chosen products.

- Continuation of the Strategies from the 2011 RA Solicitation Auction Issued in the First Quarter – PG&E issued an RA Solicitation Auction on March 4, 2011 to (1) purchase system RA during July and August 2011 and (2) sell 2011 local RA May through December 2011. PG&E reviewed and evaluated the offers and then executed the specific bids that filled PG&E's RA needs. The overall strategy resulted from this original auction issued in Q1 2011.
- PG&E executed transactions from the RA Solicitation Auction during the First Quarter. Additional strategies were issued to complement the transactions resulting from this solicitation.
- CAISO Monthly CRR Allocation and Auction Process – PG&E determined that with the implementation of the CAISO's Market Redesign and Technology Upgrade (MRTU), PG&E would be exposed to congestion risk on the electric transmission grid as power is delivered from its generating resources and imports to serve bundled customer load. PG&E estimated that a portion of its generation, imports and load in the months of May 2011, June 2011, and July 2011, remained exposed to congestion risk, and therefore participated in the CAISO's Monthly CRR allocation and auction process to obtain CRRs to mitigate this risk. PG&E sought CRRs to fulfill the following objectives: (1) narrow the distribution of PG&E's energy procurement costs due to electric transmission congestion as measured by the electric To-expiration-Value-at-Risk; and (2) reduce the expected congestion costs that the Utility would incur in its operations. PG&E only sought CRRs that were consistent with PG&E's actual congestion position. Therefore, only known portfolio positions, including existing and executed supply arrangements, were considered in the selection of CRR candidates in the monthly CRR allocation and auction process. In all its detailed analysis and CRR selection strategy, PG&E used Locational Marginal Pricing (LMP) congestion prices and

risk characteristics from CAISO's CRR auctions and studies, as well as an internal assessment of LMP congestion prices. PG&E provided information regarding its CRR strategy to the PRG.

- Convergence Bidding – CAISO initiated convergence bidding on February 1, 2011. In D.10-12-034, the CPUC authorized PG&E's participation in convergence bidding using three specific strategies. PG&E continues to monitor and assess its involvement with these bids.
- Voice and On-Line Brokers, Electronic Exchanges, and Bilateral – Direct with Counterparties – The dynamic environment of the short-term electric markets requires that traders have the ability to transact when market conditions are within parameters described by a particular trading strategy. Prices vary during a trading session as buyers and sellers adjust their prices in response to items such as electric system conditions, market responses, industry news and weather forecasts. As a result, it is common to see trades executed at different prices over the course of a trading session. The key aspect is that the transaction was executed within the parameters described by the trading strategy. PG&E maintains flexibility in its procurement activities by transacting in various forums, e.g., voice and on-line brokers, electronic exchanges, and directly with counterparties. As not all counterparties participate in a single forum, transacting in various forums gives PG&E the opportunity to transact with many counterparties.

For all competitive solicitations that either involve affiliate transactions or utility-owned or utility turnkey bids, and for all competitive RFOs seeking products to satisfy service area need and supply-side resources greater than two years in length (and subject to QCR filings) regardless of the bidders, Independent Evaluator (IE) Reports will be included in Confidential Attachment G, *Independent Evaluator Reports*. For the Quarter, there were no IE Reports written related to electric products filed in this report.

For the Quarter, PG&E executed electric transactions that are subject to a strong showing standard. Normally, this information is discussed and disclosed separately in Confidential Attachment M, *Transactions Subject to a Strong Showing*.

Presentations of those activities presented to the PRG are in Confidential Attachment F, *Key Briefing Packages*.

Executed agreements are in Confidential Attachment H, *New Contracts Executed/Contracts Amended*. For the Quarter, there were executed agreements related to the 2011 RA Solicitation Auction conducted in May 2011 and executed agreements also strategies resulting from the 2011 RA Solicitation Auction conducted in March 2011.

c) Natural Gas

Description of Procurement Processes

The approved procurement processes used during the Quarter were as follows:

- Physical Call Options RFO – PG&E conducted a solicitation for physical call options (gas peaking products) to meet third quarter demand. PG&E purchased physical call options for delivery in the Third Quarter 2011. These call options for physical gas supply give PG&E the right but not the obligation to purchase natural gas at a particular location at a published index price for a specified number of days.
- Gas Capacity Request for Bids (RFB) – PG&E acquired discounted natural gas pipeline capacity for the month of May 2011 by participating in PG&E Core Procurement's capacity release auction for that month. PG&E Electric bid for and was awarded capacity on the Transwestern pipeline from the San Juan Basin. A copy of the confirmation including the terms of the transaction is included in Confidential Attachments E, *Other Transactions* and H, *New Contracts Executed/Contracts Amended*.

- Electronic Exchanges - Commodity Purchases/Sales – PG&E bought and sold physical natural gas on the Intercontinental Exchange (ICE) and the ICE Natural Gas Exchange (ICE/NGX) physical clearing service. ICE is an electronic system that matches buyers and sellers of natural gas products. Once buyer and seller are matched, ICE trades become bilateral trades. ICE/NGX trades are cleared by NGX rather than bilaterally. Transactions include forward transactions with deliveries starting within the next quarter and up to one month in duration, BOM, day-ahead, and same-day.
- Electronic Exchanges - Gas Hedges – PG&E executed hedges (swaps and options) directly on the ICE, and cleared through exchanges (ICE or the New York Mercantile Exchange (NYMEX)). ICE and NYMEX provide access to anonymous bids and offers establishing both a liquid and robust market for financial products, and a benchmark for bilateral products. These products include Henry Hub swaps and options, and basis swaps against the industry benchmark indices, including Canadian Gas Price Reporter (CGPR), Gas Daily, Natural Gas Intelligence (NGI) and Inside Federal Energy Regulatory Commission (IFERC).
- Bilateral - Commodity Purchases/Sales – PG&E bought and sold gas directly with counterparties in the bilateral market. Spot gas is traded at fixed prices and Gas Daily or CGPR index. Term gas (longer than one-forward-month) is purchased at fixed prices, daily index (Gas Daily or CGPR) or bid week index (CGPR, NGI, or Inside FERC).
- Electronic Auctions - Gas Hedges – PG&E executed natural gas options using an electronic auction process and cleared those trades through the NYMEX exchange. PG&E calculates the live market value of the options using an option pricing tool offered by SuperDerivatives, Inc. (www.superderivatives.com). PG&E uses an electronic auction process to solicit offers directly from several counterparties using instant messaging. If the offers that PG&E receives from the counterparties are

close to or below those calculated using Superderivatives, PG&E will accept the lowest price offer from a counterparty and then PG&E and the counterparty submit the trade to NYMEX for financial clearing.

- Voice Brokers - Gas Hedges – PG&E executed hedges (swaps and options) through voice brokers that resulted in exchange-cleared trades. Brokers provide access to anonymous bids and offers from both bilateral parties and cleared counterparties. After a broker matches a buyer and a seller in a trade, the parties will determine whether the trade will be settled bilaterally or cleared through NYMEX or ICE. The broker market trades the same financial products as the bilateral market.

d) Justification for Procurement Processes

For competitive solicitations, describe the process used to rank offers and select winning bid(s).

- Physical Call Options – PG&E conducted a solicitation for physical call options (gas peaking products) to meet third quarter demand. In response to the RFO, PG&E received offers from suppliers. PG&E selected the best offers based on conformance to the product requested and price. PG&E purchased physical call options for delivery in the Third Quarter of 2011. These call options on physical gas supply give PG&E the right but not the obligation to purchase natural gas at a particular location at a published index price for a specified number of days. Such products can help PG&E avoid liquidity impacts on days of very high demand, when PG&E may otherwise face prices above index.
- Gas Pipeline RFB – PG&E participated in PG&E Core Procurement's capacity release auction in order to supply gas for electric generation and to add supply diversity to the portfolio by purchasing gas in the San Juan supply basin. PG&E participated in PG&E Core Procurement's capacity auction because it is a competitive offering and because it offers the complete pipeline path from the supply basin to the PG&E Citygate. PG&E Electric Fuels has participated in PG&E Core Procurement's auction numerous times. In the April 2011 auction,

PG&E Electric Fuels was awarded Transwestern pipeline capacity for deliveries in May 2011.

- Electronic Exchanges - Commodity Purchases/Sales – ICE and ICE/NGX provide access to anonymous bids and offers establishing both a liquid and robust market for physical products, and benchmarks for bilateral products. PG&E makes extensive use of ICE and ICE/NGX for term, day-ahead and same-day gas.
- Electronic Exchanges - Gas Hedges – ICE and NYMEX provide access to anonymous bids and offers establishing both liquid and robust markets for financial products, and benchmark for bilateral products. PG&E makes extensive use of both exchanges for financial swaps and options.
- Bilateral - Commodity Purchases/Sales – PG&E uses the bilateral markets for physical gas trading to supplement spot gas trades on ICE/NGX and for delivery periods not actively traded on ICE or ICE/NGX. PG&E uses the real-time ICE bid/ask prices and ICE weighted average transacted prices, as well as broker quotes, as benchmarks for trading. For term gas, PG&E trades at either a Gas Daily or a bidweek index (CGPR, NGI, or Inside FERC).
- Electronic Auctions - Gas Hedges – PG&E uses an electronic auction process using instant messaging to purchase natural gas options. The only exchange-traded gas options in the market are traded in the trading pits of the NYMEX exchange in New York. The commodity underlying the NYMEX pit-traded options is the NYMEX futures contract, which if held to expiration, results in physical gas delivered at Henry Hub, Louisiana. PG&E prefers over-the-counter options because they settle in cash and cannot result in physical gas delivered to an unsuitable location. PG&E's approach to trading options in the bilateral market uses an electronic auction process through instant messaging, which provides the benefits of a live auction without the time overhead of a formal RFO process (the

time delay in the RFO process causes option sellers to increase their offers to cover the risk of price movements).

- Voice Brokers - Gas Hedges – PG&E uses voice brokers for gas financial trading to supplement trades directly through ICE. Voice brokers are beneficial because they are anonymous, offer a wide range of counterparties, and provide critical price discovery across a wide variety of products. PG&E primarily uses voice brokers to trade products that are less liquid on ICE or NYMEX. PG&E tends to use ICE or NYMEX clearing services in conjunction with voice brokers in order to get the best prices—through clearing PG&E can be matched with any counterparty without having to be concerned about counterparty credit risk. When trading through voice brokers, PG&E uses real-time ICE and NYMEX bid/ask and last trade prices as benchmarks for trading. In addition, voice brokers provide live bids and offers from anonymous buyers and sellers, very similar to the electronic exchanges.

For all competitive solicitations that involve affiliate transactions or utility-owned or utility turnkey bids, IE Reports are required and will be included in Confidential Attachment G, *Independent Evaluator Reports*. PG&E does not have any IE reports to include for Second Quarter of 2011.

For transactions subject to a strong showing standard, a discussion is provided and the transactions are disclosed separately in Confidential Attachment M, *Transactions Subject to a Strong Showing*. During the Quarter, PG&E executed term physical gas transactions.

Applicable presentations of those activities presented to the PRG are in Confidential Attachment F, *Key Briefing Packages*.

Executed agreements are provided in Confidential Attachment H, *New Contracts Executed/Contracts Amended*. For the Quarter, there are two agreements related to gas products that apply to this QCR.

e) Other Commodities

This section is not applicable.

4. Explanation/justification for the timing of the transactions.

Throughout the Quarter, PG&E attempted to enter into electric transactions needed to reduce its net open position. This objective was achieved by gradually reducing the forecast open (i.e., short or long) energy positions through the use and assessment of products that include Term, such as BOM, and month-ahead transactions, employing both standard and non-standard products, bidding into the Integrated Forward Market (IFM) to meet day-ahead, and real-time short positions. When selecting electric transactions, the best-priced bids/offers were selected first (merit-order selection) among those available for the required products at the time of the transaction, subject to credit and other limitations and operational constraints. Operational constraints include the local area reliability requirements of the CAISO, as set forth in D.04-07-028.

For daily physical gas transactions, timing of execution is primarily driven by the requirement to match fuel usage and supply on a daily and monthly basis, and by the availability of information impacting expectations for daily dispatch of electric generating units. For transactions one month or longer, PG&E typically fills its forecast short gas positions in month-ahead, seasonal, or annual blocks, depending on the liquidity and prices available in each of these markets.

Detailed explanation/justification for the timing of the transactions is included in Confidential Attachment J, *System Load Requirements/Conditions*.

5. Discussion of the system load requirements/conditions underlying the need for the Quarter's transactions.

a) Near-Term Planning and Procurement

PG&E develops a near-term analysis of its resource position (intra-month through several months forward) using an optimization model, which solves for lowest cost by optimizing a mix of resources to meet requirements, including dispatchable California

Department of Water Resources contracts, utility-owned-generation resources, PPAs with dispatchability, Tolling Arrangements with “Merchant Plants,” and market purchases, while accounting for all resource requirements and constraints (must-run, must-take and operating constraints).

Term and BOM purchases and sales may be transacted to close the net open position and to reduce PG&E’s reliance on the spot market. PG&E is authorized to conduct locational basis spread transactions to manage its position at different delivery locations. After identifying transactions required to meet the must-run, must-take and operating constraints, PG&E considers “economic” transactions that involve decisions regarding dispatchable units and market purchases/sales. The decision to engage in “economic” transactions is more complex and depends on several quantitative and subjective factors. “Economic” transactions are conducted using information and data regarding system conditions, market prices and options available at the time of the decision. While potentially attractive “economic” transactions that reduce ratepayer volatility inherently include risks that must be considered, such as: (a) sharp swings in electric prices; (b) changes in production costs due to market dynamics; or (c) system changes, which may result in these transactions becoming more, or less, valuable, during the operating period or possible losses on hedge transactions. Additionally, changes in load or expected generation and other market and system conditions may result in having to buy (or sell) energy in the day-ahead or Real-Time Markets (RTM) at a cost greater than the revenue earned (or a price less than paid) in the forward transaction. Factors that go into the decision to engage in these transactions include (but are not limited to) the forecasted level of short/long energy during the forecasted period, sensitivity to changes in market price, reserve margins and demand volatility.

b) PG&E Participation in the CAISO Markets

In day-ahead planning, PG&E strives to balance projected energy requirements with available resources and provide hour-ahead traders and real-time operators with

appropriate resources in order to respond to changes that may occur on the electrical system subsequent to day-ahead trading. On a daily basis, PG&E conducts a least-cost analysis to forecast unit dispatch and determine market transactions to meet energy and ancillary services requirements. This process integrates all regulatory, environmental, safety and legal requirements.

PG&E's day-ahead planning and procurement incorporates weather-adjusted load forecasts, resource availability, price forecasts, dispatch costs and current bilateral electric market and forecasts of the CAISO's IFM prices. The results of this analysis will determine the price PG&E is willing to pay the CAISO to have it meet PG&E's forecasted hourly load in the Day-Ahead Market and the costs of each of its dispatchable resources to use to bid these resources into the IFM and Hour-Ahead Scheduling Process/RTM. The CAISO then assures least cost dispatch by considering all resources simultaneously with all transmission constraints.

In the RTM, similar to the day-ahead market, PG&E submits resource bids and schedules into CAISO markets and those resources that clear the market will be obligated to operate in real time.

Market opportunities in the RTM have been limited with the advent of MRTU and the volatility of the CAISO's real-time energy market. Though bilateral market opportunities have been reduced, PG&E monitors the CAISO's Hour-Ahead and RTMs and also submit bids and schedules our resources as needed to optimize our generation and market transactions to reduce costs.

c) Locational Spreads

During the Quarter, PG&E did not engage in day-ahead locational spread transactions. This was primarily due to the MRTU market which reduced the need for PG&E to manage its physical position by executing locational spread transactions in the bilateral market.

d) PG&E-Owned Generation Conditions During Second Quarter 2011

PG&E received 128 percent of normal rainfall for the Quarter. Most of this precipitation fell as snow adding to an already healthy snow pack. Hydroelectric operations focused on maximizing generation while topping off reservoirs for use during the summer season.

Helms Pumped Storage Project was used to meet peak daily loads and provide ancillary service reserves. Operations focused on topping off project reservoirs. Helms pumped throughout the quarter as system conditions and economics allowed. Pumping was limited by transmission work, unit maintenance, and storage availability. Maintenance was performed on Unit 1 thrust bearing, and annual maintenance/inspections were performed on Units 2 and 3.

Significant planned maintenance on conventional hydro during the quarter included work on Balch Units 2 (54 megawatt (MW)). Belden (118 MW), Bucks Creek (58 MW), Butt Valley (40 MW), Drum 5 (49.5 MW), Rock Creek Unit 1 (56 MW), Salt Springs Unit 2 (34 MW), and Woodleaf Powerhouse (62 MW).

Significant forced outages on conventional hydro during the quarter included: Forbestown (39.2 MW) with intake gate trouble, Pit 5 Unit 3 (40 MW) with bearing trouble, Rock Creek Unit 1 (56 MW) with bearing and packing issues, and Rock Creek Unit 2 (56 MW) with transformer issues.

For PG&E's owned fossil generation, the Colusa Generating Station (668 MW) took a short maintenance outage on the plant. At Humboldt Generating Station, maintenance was done on several of the ten engines (16.3 MW each.) Engine 9 remains unavailable due to a January 11 fire in the generator. An exhaust gas leak on Engine 5 resulted in an outage. Gateway Generating Station was offline for annual outage. Diablo Canyon Nuclear Plant Unit 2 (1,150 MW) was offline for a routine re-fueling.

Confidential discussion of the monthly system conditions is included in Confidential Attachment J, *System Load Requirements/Conditions*.

6. Discussion of how the Quarter's transactions meet the goals of the risk management strategy reflected in the Plan.

During the Quarter, PG&E executed transactions in accordance with its risk management strategy and approved Plan. PG&E executed hedges in accordance with its approved Conformed 2006 Long-Term Procurement Plan (Resolution E-3951, Resolution E-4177, Resolution E-4276 and Resolution E-4362). Financial hedges were executed directly on the ICE, through a broker and cleared through an exchange (ICE or the NYMEX) or through an electronic auction and cleared through an exchange. ICE and the brokers provide access to anonymous bids and offers from both bilateral parties and cleared counterparties establishing both a liquid and robust market for financial products, and a benchmark for bilateral products. These products include Henry Hub swaps and options, and basis swaps against the industry benchmark indices, including CGPR, Gas Daily, NGI and Inside FERC. A list of information regarding Consumer Risk Tolerance notifications and management disclosures is included in Confidential Attachment K, *Risk Management Strategy*.

7. Copy of each contract.

A list of contracts executed and/or modified by PG&E during the Quarter is included in Confidential Attachment H, *New Contracts Executed/Contracts Amended*. Copies of the contracts that were not separately filed are also included in Confidential Attachment H, *New Contracts Executed/Contracts Amended*. All final RFO contracts subject to QCR filings along with the IE reports, if any, are reported in Confidential Attachments H and G, *Independent Evaluator Reports*, respectively.

8. The valuation results for the contract(s) (for contracts of three months or greater duration).

PG&E provides the valuation method and results for the contracts filed via this QCR in Confidential Attachments H, *New Contracts Executed/Contracts Amended*.

9. An electronic copy of any data or forecasts used to analyze the transactions.

Because transaction personnel are continuously monitoring a wide range of market information on a 24-hour-per-day, 7-day-per-week basis, it is not feasible to provide all the data and forecasts used to analyze all potential and executed transactions. However, key analysis data utilized during the Quarter is contained in Confidential Attachment J, *System Load Requirement/Conditions*.

10. Provide a reasonable number of analyses requested by the Commission or the PRG and provide the resulting outputs.

To the extent any analyses requested by the Commission or PRG during the Quarter were not already included as a part of PG&E's response to Items 1 through 9 above, such additional analyses would be contained in Confidential Attachment F, *Key Briefing Packages*.

11. Any other information sought by the Commission under the Public Utilities Code.

To the extent the Commission requested information for the Quarter not already provided in the Master Data Request, such information would be included in the workpapers. Energy Division has requested that PG&E provide transparent exchange traded prices. PG&E has included this information in Confidential Attachment M, *Transactions Subject to Strong Showing*.

D. Additional Reporting Requirement Pursuant to Decision 07-01-039

As required by OP 12 of D.07-01-039, PG&E has included in Confidential Attachment I, *Summary of Retained Generation Investments Completed*, investments in retained generation that were completed during the Quarter, as well as any multiple contracts of less than five years with the "same supplier, resource or facility." (Section 5.1, p. 152.) During the Quarter, this section does not apply to PG&E.

E. Cost Allocation Mechanism (CAM)

For the Quarter, PG&E did not transact for any CAM-elected resources.

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

AT&T	Department of Water Resources	North Coast SolarResources
Alcantar & Kahl LLP	Dept of General Services	Northern California Power Association
Ameresco	Douglass & Liddell	Occidental Energy Marketing, Inc.
Anderson & Poole	Downey & Brand	OnGrid Solar
Arizona Public Service Company	Duke Energy	Praxair
BART	Economic Sciences Corporation	R. W. Beck & Associates
Barkovich & Yap, Inc.	Ellison Schneider & Harris LLP	RCS, Inc.
Bartle Wells Associates	Foster Farms	Recurrent Energy
Bloomberg	G. A. Krause & Assoc.	SCD Energy Solutions
Bloomberg New Energy Finance	GLJ Publications	SCE
Boston Properties	GenOn Energy, Inc.	SMUD
Braun Blaising McLaughlin, P.C.	Goodin, MacBride, Squeri, Schlotz & Ritchie	SPURR
Brookfield Renewable Power	Green Power Institute	San Francisco Public Utilities Commission
CA Bldg Industry Association	Hanna & Morton	Seattle City Light
CLECA Law Office	Hitachi	Sempra Utilities
CSC Energy Services	In House Energy	Sierra Pacific Power Company
California Cotton Ginners & Growers Assn	International Power Technology	Silicon Valley Power
California Energy Commission	Intestate Gas Services, Inc.	Silo Energy LLC
California League of Food Processors	Lawrence Berkeley National Lab	Southern California Edison Company
California Public Utilities Commission	Los Angeles Dept of Water & Power	Spark Energy, L.P.
Calpine	Luce, Forward, Hamilton & Scripps LLP	Sun Light & Power
Cardinal Cogen	MAC Lighting Consulting	Sunshine Design
Casner, Steve	MBMC, Inc.	Sutherland, Asbill & Brennan
Chris, King	MRW & Associates	Tabors Caramanis & Associates
City of Palo Alto	Manatt Phelps Phillips	Tecogen, Inc.
City of Palo Alto Utilities	McKenzie & Associates	Tiger Natural Gas, Inc.
City of San Jose	Merced Irrigation District	TransCanada
Clean Energy Fuels	Modesto Irrigation District	Turlock Irrigation District
Coast Economic Consulting	Morgan Stanley	United Cogen
Commercial Energy	Morrison & Foerster	Utility Cost Management
Consumer Federation of California	NLine Energy, Inc.	Utility Specialists
Crossborder Energy	NRG West	Verizon
Davis Wright Tremaine LLP	Navigant Consulting	Wellhead Electric Company
Day Carter Murphy	Norris & Wong Associates	Western Manufactured Housing Communities Association (WMA)
Defense Energy Support Center	North America Power Partners	eMeter Corporation