



Brian K. Cherry
Vice President
Regulatory Relations

Pacific Gas and Electric Company
77 Beale St., Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

Fax: 415-973-7226

October 1, 2012

Advice 4120-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Submission Of Updated Data Necessary To Calculate the Market Price Benchmark for 2013 in Compliance With Resolution E-4475

Purpose

In compliance with Ordering Paragraph (OP) 4, of California Public Utilities Commission's (Commission) Resolution E-4475, Pacific Gas and Electric Company (PG&E) is submitting updated data necessary to calculate the market price benchmark (MPB) for 2013, in accordance with that resolution. In addition, the value of the capacity PG&E plans to include in the benchmark calculation is discussed.

Background

Resolution E-4475 adopted among other things, the renewable adder necessary to calculate a revised MPB for forecast years 2011 and 2012. The revised market price benchmark calculation was approved in D.11-12-018 which revised the methodology to calculate departing load charges. The revision to the MPB was, in part, to ensure that the evaluation of stranded costs took into consideration the cost and the value of resources that were in compliance with the Renewable Portfolio Standard.

In addition, Resolution E-4475, Ordering Paragraph 4, required that by October 1 of each year, PG&E, San Diego Gas & Electric Company (SDG&E), and Southern California Edison Company (SCE), shall file Tier 1 advice letters to update the data specified in Ordering Paragraph 4 of Decision 11-12-018 so that the applicable percentage weightings (32% for Department of Energy (DOE) data and 68% for utility data) are updated in subsequent years.

Ordering Paragraph 4 of D.11-12-018, requires PG&E, SDG&E, and SCE to identify the data necessary to revise the PCIA, CTC, and TBS tariffs. Specifically, the information to be provided includes:

- a. most recent 12-month figures derived from US Department of Energy survey of Western US renewable energy premiums in calculating a weighted proxy for the Market Price Benchmark compiled by the National Renewable Energy Laboratory; and
- b. all RPS-compliant resources that are used to serve Investor Owned-Utility (IOU) customers during the current year (i.e., most recent 12 months) and those projected to serve customers during the next year, including both contracts and IOU-owned resources, including the projected costs together with the net qualifying capacity of energy produced by each of these resources (providing relevant costs in dollars and volumes in MWh and qualifying capacity in kW).

From this information, the Commission will then adopt an RPS adder to be used to determine a Market Price Benchmark (MPB). The RPS adder proxy value will be based on a 32% weighting of the Department of Energy (DOE) data in relation to a 68% weighting of the investor-owned utility (IOU) cost data and will reflect renewable resources in the calculation of the PCIA and ongoing CTC.

The average cost of power from the IOU RPS resources will be determined by summing up all the costs from all three IOUs, subtracting the product of the net qualifying capacity of those resources times the IOU's current resource adequacy capacity adder used in the MPB, and dividing by the sum of all the MWhs from all three IOUs.

Appendix A provides the most recent data from the DOE survey of Western US renewable energy premiums. Confidential Appendix B provides all RPS-compliant resources that began serving customers in 2012 or are forecast to begin serving customers in 2013. Energy Division will combine this data with SDG&E and SCE's data and will publish a renewable adder for 2013. This adder will be used to update the 2013 forecast PCIA and Ongoing CTC in PG&E's November Update of the 2013 ERRRA Forecast.

Resource Adequacy Capacity Value

D.11-12-018 agreed that it is reasonable to provide a means for updating the Resource Adequacy (RA) capacity value included in the MPB and adopted SCE's proposal to update the RA capacity adder using the Net Qualifying Capacity of the utility electric supply portfolio and the most recent California Energy Commission

(CEC) estimate of the going forward costs of a combustion turbine.¹ Based on the CEC's most recent estimate, the RA capacity value to be included in the MPB would be \$50.17/kW-yr. This estimate is based on data from Table B-4 of the 2009 Final CEC Cost of Generation Report and is the summation of three components: (1) Insurance (\$9.63), (2) Ad Valorem (\$13.09) and (3) Fixed Operations & Maintenance (O&M) (\$27.45).²

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 **October 22, 2012**, which is 21 days³ from the date of this filing. Protests should be mailed to:

CPUC Energy Division
EDTariffUnit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies 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 (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, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-7226
E-mail: PGETariffs@pge.com

¹ D.11-12-018 at p. 115.

² See: <http://www.energy.ca.gov/2009publications/CEC-200-2009-017/CEC-200-2009-017-SF.PDF>

³ The 20 day protest period concludes on a weekend, PG&E hereby moves this date to the following business day, consistent with the provisions in G.O. 96-B, Section 1.5.

Effective Date

PG&E requests that this advice filing become effective on **October 1, 2012**. Ordering Paragraph 4 of Resolution E-4475 requires that this Advice Letter be classified as Tier 1 pursuant to GO 96-B.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the service list for Rulemaking ("R.") 07-05-025 and A.12-06-002. Address changes to the General Order 96-B service list and all electronic approvals should be directed to 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>.

Handwritten signature of Brian Cherry in cursive script.

Vice President – Regulatory Relations

cc: Service List R.07-05-025
Service List A.12-06-002

Attachments**Public Attachments:**

Appendix A: Department of Energy Renewable Data
Appendix B: Renewable Resources Online in 2012 and 2013 (Public)

Confidential Attachment:

Appendix B: Renewable Resources Online in 2012 and 2013

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 E)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Shirley Wong

Phone #: (415) 972-5505

E-mail: slwb@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) #: **4120-E**

Tier: 1

Subject of AL: **Submission Of Updated Data Necessary To Calculate the Market Price Benchmark for 2013 in Compliance With Resolution E-4475**

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

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

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: **Resolution E-4475**

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: **Yes.**

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: **Donna L. Barry, (415) 973-5707**

Resolution Required? Yes No

Requested effective date: **October 1, 2012**

No. of tariff sheets: N/A

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

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

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

Tariff schedules affected:

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
EDTariffUnit
505 Van Ness Ave., 4th Floor
San Francisco, CA 94102
EDTariffUnit@cpuc.ca.gov

Pacific Gas and Electric Company
Attn: Brian K. Cherry, Vice President, Regulatory Relations
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177
E-mail: PGETariffs@pge.com

DECLARATION OF DONNA L. BARRY IN SUPPORT OF
ADVICE 4120-E, APPENDIX B

I, Donna L. Barry, declare:

1. I am presently employed by Pacific Gas and Electric Company (PG&E) and am a regulatory principal in the electric proceedings section, in the Energy Proceedings Department at Pacific Gas and Electric Company (PG&E). In this position, I am responsible for electric procurement cost recovery and reporting requirements at PG&E. In carrying out these responsibilities, I have acquired knowledge of the transactions types purchased for the portfolio and recorded to the ERRA and am familiar the generation costs that are included in the various exit fees, applicable to non-exempt departing load.
2. Based on my knowledge and experience, and in accordance with the “Administrative Law Judge’s Ruling Clarifying Interim Procedures For Complying With Decision 06-06-066,” issued in Rulemaking 05-06-040 on August 22, 2006, I make this declaration seeking confidential treatment for the data provided in Appendix B. The data reflects renewable cost, energy, and capacity values for certain renewable contracts which are forecasted to be delivering in 2013.
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 1 (the “IOU Matrix”) of Decision 06-06-066. 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 that is pertinent Advice 4120-E, Appendix B, in the attached matrix.

I declare under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct. Executed on October 1, 2012, at San Francisco, California.

/s/

DONNA L. BARRY

PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 E)
Advice Letter 4120-E
Appendix B
October 1, 2012

IDENTIFICATION OF CONFIDENTIAL INFORMATION

Redaction Reference	1) Constitutes data listed in Appendix 1 to D.06-06-066 (Y/N)	2) Data correspond to category in Appendix 1:	3) Complies with limitations of D.06-06-066 (Y/N)	4) Data not already public (Y/N)	5) Lead to partial disclosure (Y/N)	PG&E's Justification for Confidential Treatment	Length of Time
Appendix B, Cost, All lines	Y	Item II.B.4	Y	N	N	Non-QF Bilateral Contract Costs	3 years
Appendix B, MWh, All lines	Y	Item IV.G	Y	N	N	Post-2003 Bilateral Contract Generation	3 years

Appendix A
 Western States
 Utility Green Pricing Programs

State-Specific Utility Green Pricing Programs (<http://apps3.eere.energy.gov/greenpower/markets/pricing.shtml?page=1>) Western US Only
 Western US Only

State-Specific Utility Green Pricing Programs (last updated May 2012)						
State	Utility Information	Enrollment Information	Type	Start Date	Premium	Premium (cents/kWh)
AZ	Arizona Public Service	Green Choice	wind and geothermal	2007	0.4¢/kWh	0.40
AZ	Salt River Project	EarthWise Energy	central PV, wind, landfill gas, small hydro, geothermal	1998/2001	3.0¢/kWh	3.00
AZ	Tri-State Generation & Transmission: Columbus Electric Cooperative, Inc.	Renewable Resource Power Service	wind, hydro	2001	0.8¢/kWh	0.80
AZ	Tucson Electric	Bright Tucson Community Solar Program	local PV	2010	2.0¢/kWh	2.00
AZ	UniSource Energy Services	Bright Tucson Community Solar Program	local PV	2004	2.0¢/kWh	2.00
CA	Anaheim Public Utilities	Sun Power for the Schools	PV	2002	Contribution	
CA	Anaheim Public Utilities	Green Power for the Grid	various renewables	2002	2.0¢/kWh	2.00
CA	Los Angeles Department of Water and Power	Green Power for a Green LA	wind, landfill gas	1999	3.0¢/kWh	3.00
CA	Marin Energy Authority: City of Belvedere, Town of Fairfax, County of Marin, City of Mill Valley, Town of San Anselmo, City of Sausalito	Light Green	25% renewable	2008	0.0¢/kWh	-
CA	Marin Energy Authority: City of Belvedere, Town of Fairfax, County of Marin, City of Mill Valley, Town of San Anselmo, City of Sausalito	Deep Green	100% renewable	2010	1.0¢/kWh	1.00
CA	PacifiCorp: Pacific Power	Blue Sky Block	wind	2000	1.95¢/kWh	1.95
CA	Palo Alto Utilities / 3Degrees	Palo Alto Green	wind, PV	2003 / 2000	1.5¢/kWh	1.50
CA	Pasadena Water & Power	Green Power	wind	2003	2.5¢/kWh	2.50
CA	Roseville Electric	Green Roseville	wind, PV	2005	1.5¢/kWh	1.50
CA	Sacramento Municipal Utility District	SolarShares	PV	2007	5.0¢/kWh or \$30/month	5.00
CA	Sacramento Municipal Utility District	Greenenergy	wind, landfill gas, hydro, PV	1997	1.0¢/kWh or \$6/month	1.00
CA	Silicon Valley Power / 3Degrees	Santa Clara Green Power	wind, PV	2004	1.5¢/kWh	1.50
CA	Truckee Donner PUD	Voluntary Renewable Energy Certificates Program	wind	2008	2.0¢/kWh	2.00
CO	Colorado Springs Utilities	Renewable Energy Certificates Program	wind and geothermal	2008	0.34¢/kWh	0.34
CO	Colorado Springs Utilities	Green Power	wind	1999	3.0¢/kWh	3.00
CO	Holy Cross Energy	Wind Power Pioneers	wind	1998	1.5¢/kWh	1.50
CO	Holy Cross Energy	Local Renewable Energy Pool	small hydro, PV	2002	2.33¢/kWh	2.33
CO	Platte River Power Authority: Estes Park, Fort Collins Utilities, Longmont Power & Communications, Loveland Water & Power	Nature's Energy	wind	1999	1.0¢/kWh-2.5¢/kWh	1.75
CO	Tri-State Generation & Transmission : Delta-Montrose Electric Association, Empire Electric Association, Inc., Gunnison Group	Renewable Resource Power Service	wind, hydro	1998	0.8¢/kWh	0.80
CO	Xcel Energy	Renewable Energy Trust	PV	1993	Contribution	
CO	Xcel Energy	WindSource	wind	1997	-0.87¢/kWh	(0.87)
CO	Yampa Valley Electric Association	Wind Energy Program	wind	1999	0.6¢/kWh	0.60
ID	Avista Utilities	Buck-A-Block	wind	2002	0.33¢/kWh	0.33
ID	Idaho Power	Green Power Program	various	2001	0.98¢/kWh	0.98
ID	PacifiCorp: Rocky Mountain Power	Blue Sky	wind	2003	0.71¢/kWh-1.94¢/kWh	1.33
ID	Vigilante Electric Cooperative	Alternative Renewable Energy Program	wind	2003	1.1¢/kWh	1.10
MT	Basin Electric Power Cooperative: Flathead Electric Coop, Lower Yellowstone, Powder River Energy	Prairie Winds	wind	2000	0.5¢/kWh	0.50
MT	Northwestern Energy	E+ Green	wind, PV	2003	2.0¢/kWh	2.00
MT	Park Electric Cooperative	Green Power Program	various renewables	2002	1.02¢/kWh	1.02
MT	Tri-State Generation & Transmission: Big Horn Rural Electric Company	Renewable Resource Power Service	wind, hydro	2001	0.8¢/kWh	0.80
MT	Vigilante Electric Cooperative	Alternative Renewable Energy Program	wind	2003	1.1¢/kWh	1.10
NV	Deseret Power: Mt. Wheeler Power Cooperative	GreenWay	various	2005	1.95¢/kWh	1.95
NV	NV Energy	Desert Research Institute's GreenPower Program	PV on schools	Unknown	Contribution	
NM	El Paso Electric	Renewable Energy Tariff	wind	2003	2.28¢/kWh	2.28
NM	Los Alamos Department of Public Utilities	Green Power	wind	2005	1.8¢/kWh	1.80
NM	Navapache Electric Cooperative	Voluntary Renewable Energy Program	TBD	2008	4.0¢/kWh	4.00
NM	Public Service of New Mexico	PNM Sky Blue	wind	2003	1.1¢/kWh	1.10
NM	Tri-State Generation & Transmission: Central New Mexico Electric Cooperative, Inc., Columbus Electric Cooperative, Inc.	Renewable Resource Power Service	wind, hydro	2001	0.4¢/kWh-2.5¢/kWh	1.45
NM	Xcel Energy	WindSource	wind	1999	3.0¢/kWh	3.00
OR	City of Ashland / Bonneville Environmental Foundation	Renewable Pioneers	PV, wind	2003	2.0¢/kWh	2.00
OR	Columbia River PUD	Choice Energy	wind	2005	1.5¢/kWh	1.50
OR	Emerald People's Utility District/Green Mountain Energy	Choose Renewable Electricity	wind, geothermal	2003	1.2¢/kWh	1.20
OR	Eugene Water & Electric Board	EWEB Wind Power	wind	1999	0.91¢/kWh	0.91
OR	Eugene Water & Electric Board	EWEB Greenpower	various renewables	2007	1.0¢/kWh-1.5¢/kWh	1.25
OR	Idaho Power	Green Power Program	various	2001	0.98¢/kWh	0.98
OR	Midstate Electric Cooperative	Environmentally-Preferred Power	wind	1999	2.5¢/kWh	2.50
OR	Oregon Trail Electric Cooperative	Green Power	wind	2002	1.5¢/kWh	1.50
OR	PacifiCorp: Pacific Power	Blue Sky Block	wind	2000	1.95¢/kWh	1.95
OR	PacifiCorp: Pacific Power	Blue Sky QS (Commercial Only)	wind	2004	Sliding scale depending on size	
OR	PacifiCorp: Pacific Power / 3Degrees	Blue Sky Habitat	wind, biomass, PV	2002	0.78¢/kWh + \$2.50/mo. donation	0.78
OR	PacifiCorp: Pacific Power / 3Degrees	Blue Sky Usage	wind, biomass, PV	2002	0.78¢/kWh	0.78
OR	Pacific Northwest Generating Cooperative: Blachly-Lane Electric Cooperative, Central Electric Cooperative, Clearwater Power, Consumers Power, Coos-Curry Electric Cooperative, Douglas Electric Cooperative, Fall River Rural Electric Cooperative, Lost River Electric Cooperative, Rait River Rural Electric Cooperative, Umatilla Electric Cooperative, West Oregon Electric Cooperative, (11 of 15 coops offer program)	Green Power	landfill gas	1998	1.8¢/kWh-2.0¢/kWh	1.90
OR	Portland General Electric Company	Clean Wind Power	wind	2002	1.75¢/kWh	1.75
OR	Portland General Electric Company	Clean Wind for Medium to Large Commercial	wind	2003	1.7¢/kWh	1.70
OR	Portland General Electric Company / Green Mountain Energy	Green Source	existing geothermal, hydro, new wind	2002	0.8¢/kWh	0.80
OR	Portland General Electric Company / Green Mountain Energy	Renewable Future	wind	2007	1.5¢/kWh	1.50
OR	Springfield Utility Board	ECOchoice	various	2007	1.0¢/kWh	1.00
UT	City of St. George	Clean Green Power	wind, small hydro	2005	2.95¢/kWh	2.95
UT	Deseret Power	GreenWay	various	2004	1.95¢/kWh	1.95
UT	PacifiCorp: Rocky Mountain Power	Blue Sky	wind	2003	0.71¢/kWh-1.94¢/kWh	1.33
UT	PacifiCorp: Utah Power	Blue Sky	wind	2000	1.95¢/kWh	1.95
UT	Tri-State Generation & Transmission: Empire Electric Association, Inc.	Renewable Resource Power Service	wind, hydro	2001	0.8¢/kWh	0.80
WA	Avista Utilities	Buck-A-Block	wind	2002	0.33¢/kWh	0.33
WA	Benton County Public Utility District	Green Power Program	landfill gas, wind, hydro	1999	Contribution	
WA	Chelan County PUD	Sustainable Natural Alternative Power (SNAP)	PV, wind, micro hydro	2001	Contribution	
WA	Clallam County PUD	Clallam County PUD Green Power Program	landfill gas	2001	0.89¢/kWh	0.89
WA	Clark Public Utilities	Green Lights	PV, wind	2002	1.5¢/kWh	1.50
WA	Cowlitz PUD	Renewable Resource Energy	wind, PV	2002	2.0¢/kWh	2.00
WA	Grant County PUD	Alternative Energy Resources Program	wind	2002	2.0¢/kWh	2.00
WA	Grays Harbor PUD	Green Power	wind	2002	3.0¢/kWh	3.00
WA	Lewis County PUD	Green Power Energy Rate	wind	2003	2.0¢/kWh	2.00
WA	Mason County PUD No. 3	Mason Evergreen Power	wind	2003	1.0¢/kWh	1.00
WA	Northern Wasco County PUD	Pure Power	wind	2007	2.5¢/kWh	2.50
WA	Orcas Power & Light	Go Green	wind, hydro	1999	3.5¢/kWh	3.50
WA	Pacific County PUD	Green Power	landfill gas	2002	1.05¢/kWh	1.05

Appendix A
 Western States
 Utility Green Pricing Programs

State-Specific Utility Green Pricing Programs (<http://apps3.eere.energy.gov/greenpower/markets/pricing.shtml?page=1>) Western US Only
 Western US Only

State-Specific Utility Green Pricing Programs (last updated May 2012)						
State	Utility Information	Enrollment Information	Type	Start Date	Premium	Premium (cents/kWh)
WA	Pacificorp: Pacific Power	Blue Sky Block	wind	2000	1.95¢/kWh	1.95
WA	Peninsula Light	Green by Choice	wind, hydro, biogas	2002	2.0¢/kWh	2.00
WA	Puget Sound Energy	Green Power Program	wind, PV, biogas	2002	1.25¢/kWh	1.25
WA	Seattle City Light	Seattle Green Power	PV, biogas	2002	Contribution	
WA	Seattle City Light	Green Up	wind	2005	1.5¢/kWh	1.50
WA	Snohomish County Public Utility District	Planet Power	wind	2002	2.0¢/kWh	2.00
WA	Tacoma Power	EverGreen Options	wind	2000	1.2¢/kWh	1.20
WY	Basin Electric Power Cooperative: Powder River Energy	Prairie Winds	wind	2000	0.5¢/kWh	0.50
WY	Cheyenne Light, Fuel and Power Company/Bonneville Environmental Foundation	Renewable Premium Program	99% new wind, 1% new solar	2006	3.5¢/kWh	3.50
WY	Lower Valley Energy	Green Power	wind	2003	1.167¢/kWh	1.17
WY	Pacificorp: Pacific Power	Blue Sky	wind	2000	1.95¢/kWh	1.95
WY	Tri-State Generation & Transmission: Carbon Power & Light, Inc.	Renewable Resource Power Service	wind, hydro	2001	0.8¢/kWh	0.80
WY	Yampa Valley Electric Association	Wind Energy Program	wind	1999	0.8¢/kWh	0.80
					Average Cents / kWh	1.59
					Average \$ / MWh	15.87

APPENDIX B

Vintage	Resource ID	Renewable Resource	Technology	ERRA Label	2013 Cost Total	2013 MWh	Net Qualifying Capacity (MW-year)														
							Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13			
2011	33R226AB	Lincoln Solar A	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R226AB	Nicolai Solar C	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R227AB	Merced Ave A	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R228AB	Merced Ave B	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R229AB	Merced Ave C	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R230AB	Wolfen Bypass	Small Hydro	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R231AB	San Luis Bypass	Small Hydro	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R232AB	Kalifornian Solar	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R233AB	Vintner Solar	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R234AB	Concord Smart Energy Park	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R235AB	Gustine-Pines Facility	Digester Gas	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R236AB	Gustine-Xavior Facility	Digester Gas	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R237AB	Cloverdale Solar F SEC 1	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R238AB	Cloverdale Solar F SEC 2	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R240AB	South Sutter Water FIT	Small Hydro	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R241AB	Chick-Hill Solar Project	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	33R242AB	Jack Roddy Ranch	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	33R243	Mammoth G3	Geothermal	2011 Renewable Contracts			10.080	10.080	10.080	10.080	10.080	10.080	10.080	10.080	10.080	10.080	10.080	10.080	10.080	10.080	10.080
2012	33R244	West Antelope	Solar PV	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.156	0.110	0.110
2012	33R246	Wind Resource I	Wind	2011 Renewable Contracts			0.564	0.827	1.648	1.939	2.598	2.978	2.255	1.408	0.782	0.649	0.420	0.400	0.000	0.000	0.000
2012	33R247AB	Calaveras PUD-Hydro #1	Small Hydro	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	33R248AB	Calaveras PUD-Hydro #2	Small Hydro	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	33R249AB	Calaveras PUD-Hydro #3	Small Hydro	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	33R250AB	Browns Valley Irrigation District FIT	Small Hydro	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	33R251AB	Jackson Creek Hydro	Small Hydro	2011 Renewable Contracts			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	33R262	Placer County Water Authority	Small Hydro	2011 Renewable Contracts			20.540	20.510	20.950	21.540	22.840	23.690	23.410	22.550	21.470	20.730	20.800	20.800	20.800	20.530	20.530
2012	33R263	Nevada Irrigation District	Small Hydro	2011 Renewable Contracts			33.450	32.970	35.370	37.160	37.550	37.650	37.430	37.050	36.840	34.260	33.940	34.120	34.120	34.120	34.120
2011 PV UOG	PGEVUOG_CA	PGE Canby	Solar PV	UOG - Solar			0.042	0.750	1.098	7.514	9.254	12.156	11.940	11.572	10.609	4.747	0.155	0.109	0.055	0.055	0.109
2011 PV UOG	PGEVUOG_GI	PGE Giffen	Solar PV	UOG - Solar			0.021	0.395	0.549	3.757	4.627	6.078	6.000	5.788	5.304	2.374	0.077	0.055	0.055	0.055	0.055
2011 PV UOG	PGEVUOG_HU	PGE Huron	Solar PV	UOG - Solar			0.042	0.750	1.098	7.514	9.254	12.156	11.940	11.572	10.609	4.747	0.155	0.109	0.055	0.055	0.109
2012 PV UOG	PGEVUOG_PY3	RPS_178_PGE_PV_UOG_PY3	Solar PV	UOG - Solar			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.275
TOTAL							142.168	192.097	292.103	602.614	619.324	1,080.734	1,114.616	1,026.964	936.145	696.272	178.283	172.441	172.441	172.441	172.441
REC																					
2010	33R135	Halkirk	Wind	2009 Renewable Contracts																	

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

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California Energy Commission	Hitachi	Sempra Utilities
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California Public Utilities Commission	International Power Technology	Silicon Valley Power
Calpine	Intestate Gas Services, Inc.	Silo Energy LLC
Cardinal Cogen	Lawrence Berkeley National Lab	Southern California Edison Company
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Center for Biological Diversity	Los Angeles Dept of Water & Power	Sun Light & Power
Chris, King	Luce, Forward, Hamilton & Scripps LLP	Sunrun Inc.
City of Palo Alto	MAC Lighting Consulting	Sunshine Design
City of Palo Alto Utilities	MRW & Associates	Sutherland, Asbill & Brennan
City of San Jose	Manatt Phelps Phillips	Tecogen, Inc.
City of Santa Rosa	Marin Energy Authority	Tiger Natural Gas, Inc.
Clean Energy Fuels	McKenzie & Associates	TransCanada
Clean Power	Merced Irrigation District	Turlock Irrigation District
Coast Economic Consulting	Modesto Irrigation District	United Cogen
Commercial Energy	Morgan Stanley	Utility Cost Management
Consumer Federation of California	Morrison & Foerster	Utility Specialists
Crossborder Energy	Morrison & Foerster LLP	Verizon
Davis Wright Tremaine LLP	NLine Energy, Inc.	Wellhead Electric Company
Day Carter Murphy	NRG West	Western Manufactured Housing Communities Association (WMA)
Defense Energy Support Center	NaturEner	eMeter Corporation