PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3298



March 16, 2016

Erik Jacobson Director, Regulatory Relations c/o Megan Lawson Pacific Gas and Electric Company Mail Code B10C P.O. Box 770000 San Francisco, CA 94177 Sent via e-mail PGETariffs@pge.com

Subject: Rejection of Pacific Gas and Electric Company Advice Letter 3671-G Modifications to Gas Schedules G-EG and G-SUR Related to Electrical Generation Facilities that Meet Electrical Efficiency Requirements Equivalent to Cogeneration Efficiency Requirements Present in Public Utilities Code Section 216.6.

Dear Mr. Jacobson:

The Energy Division of the California Public Utilities Commission hereby rejects Pacific Gas and Electric Company (PG&E) Advice Letter (AL) 3671-G for the reasons set forth herein.

Background

In AL 3671-G, PG&E is seeking to revise its gas tariff to allow nonutility electric generation technologies that meet the same electrical efficiency standards as cogeneration technologies to be served under schedule G-EG - *Gas Transportation Service to Electric Generation* and be exempt from the charges in schedule G-SUR - *Customer-Procured Gas Transportation Franchise Fee Surcharge*. If approved, nonutility electric generation technologies meeting the same efficiency requirements would be paying the same rate as cogeneration technologies under schedule G-EG and be exempt from certain charges they would otherwise pay under schedule G-SUR.

Cogeneration technologies were placed on schedule G-EG and exempt from schedule G-SUR charges pursuant to Public Utilities Code (PU) Section 454.4 provided the electrical efficiency standards specified in PU Code Section 216.6 are attained.^{1,2} As justification for its AL 3671-G proposal, PG&E explained that, since the passage of PU Code Section 216.6 in 1986, other nonutility electric generation technologies have been developed which meet or exceed the electrical efficiency standards mandated for cogeneration technologies and, therefore, should be accorded similar service under rate schedules G-EG and G-SUR.

¹ PU Code Section 454.4 specifies that, "The Commission shall establish rates for gas which is utilized in cogeneration technology projects not higher than the rates established for gas utilized as a fuel by an electric plant in the generation of electricity, …"

² PU Section 216.6 defines cogeneration as the "... the sequential use of energy for the production of electrical and thermal energy ... subject to the following standards: (a) At least 5 percent of the facility's total annual energy output shall be in the form or useful thermal energy. (b) Where useful thermal energy follows power production, the useful annual power output plus one-half the useful annual thermal energy output equals not less than 42.5 percent of any natural gas and oil energy input."

Mr. Erik Jacobson March 16, 2016 Page 2

Discussion

Energy Division finds that PG&E AL 3671-G fails to comply with Rule 5.1 of General Order (GO) 96-B. That rule states the following, in part:

"The advice letter process provides a quick and simplified review of the types of utility requests that are expected neither to be controversial nor to raise important policy questions ...

The primary use of the advice letter process is to review a utility's request to change its tariff in a manner previously authorized by statute or Commission order, to conform the tariffs to the requirements of a statute or Commission order, or to get Commission authorization to deviate from its tariffs."

PG&E's AL 3671-G proposal represents a significant change to the application of schedules G-EG and G-SUR that would result in additional nonutility electric generation technologies receiving the same rate treatment as cogeneration technologies. It raises important policy questions such as how the preferential rate treatment could impact the deployment of other electric generation technologies including electricity from non-natural gas renewable sources and whether the tariff changes result in other customers subsidizing the costs that would be incurred by the utility to serve nonutility electric generation technologies. As GO 96-B Rule 5.1 provides, an advice letter is not the appropriate method to use for the Commission to consider those types of issues. Furthermore, PG&E did not cite any statute or Commission order in AL 3671-G authorizing the utility to revise its gas tariff in the manner requested, as GO 96-B Rule 5.1 requires.

Based on the foregoing reasons, Energy Division hereby rejects PG&E AL 3671-G.³

Sincerely,

Edward Ramloph

Edward Randolph Director, Energy Division

cc: Kingsley Cheng, PG&E k2c0@pge.com

³ PG&E noted that a similar request by the utility to modify Schedule G-EG and Schedule G-SUR was filed in AL 3591-G. That AL was rejected by ED on July 31, 2015. (PG&E AL 3761-G at p. 2)



Erik Jacobson Director 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

January 8, 2016

Advice 3671-G

(Pacific Gas and Electric Company ID U 39 G)

Public Utilities Commission of the State of California

Subject:Modifications to Gas Schedules G-EG and G-SUR Related to
Electrical Generation Facilities that Meet Electrical Efficiency
Requirements Equivalent to Cogeneration Efficiency Requirements
Present in Public Utilities Code (PU Code) Section 216.6

Pacific Gas and Electric Company (PG&E) hereby submits for filing revisions to its gas tariffs. The affected tariff sheets are listed on the enclosed Attachment 1.

Purpose

The purpose of this advice filing is to update PG&E's Gas Schedule G-EG – Gas *Transportation Service to Electric Generation* and Schedule G-SUR – *Customer-Procured Gas Franchise Fee Surcharge* to allow other nonutility electric generation technologies that meet an overall electrical efficiency equivalent to the efficiency requirements for cogeneration technologies to be eligible for service under these schedules.

Background

PU Code Section 454.4 requires the California Public Utilities Commission (Commission or CPUC) to establish rates for gas used in cogeneration technology projects that are not higher than the rates established for gas utilized as a fuel by an electric plant for the generation of electricity. Cogeneration is defined in PU Code Section 216.6 as, "The sequential use of energy for the production of electrical and useful thermal energy. The sequence can be thermal use followed by power production or the reverse, subject to the following standards:

(a) At least 5 percent of the facility's total annual energy output shall be in the form of useful thermal energy.

(b) Where useful thermal energy follows power production, the useful annual power output plus one-half the useful annual thermal energy output equals not less than 42.5 percent of any natural gas and oil energy input."

Since the implementation of PU Code Section 216.6 in 1986, additional electric generation technologies have been developed that can meet and surpass the equivalent electrical efficiency requirements as called for in PU Code Section 216.6. While some of these electrical generation technologies do not directly mirror traditional cogeneration by definition, their overall electricity efficiency, in some cases, meets and surpasses the 45% efficiency equivalence specified in Code of Federal Regulation (CFR) 292.205. CFR 292.205 Subsection B specifies that if the useful thermal energy used by certain bottoming-cycle facilities is less than 15%, then the overall efficiency of the facility must be at least 45% to be considered a qualifying facility.

PG&E now requests Commission authorization to modify Schedule G-EG and Schedule G-SUR to allow electric generation facilities that meet either cogeneration efficiency requirements or overall electric efficiency requirements of more than 45% overall efficiency to be eligible for service under the aforementioned Schedules. Last year, PG&E filed a similar request in AL 3591-G on April 29, 2015 to modify Schedule G-EG and Schedule G-SUR, which was rejected by Energy Division Disposition on July 31, 2015.

Tariff Revisions

In order to implement this proposal, PG&E will make the following revisions to its tariffs:

The Applicability section of Gas Schedule G-EG is revised to include in Section (b): all Cogeneration facilities that meet the efficiency requirements specified in the California Public Utilities Code Section 216.6** and other electric generation facilities that meet an overall electric efficiency of at least 45%.

Gas Schedule G-SUR is revised to include Cogeneration customers and other electrical generation facilities that meet an overall electric efficiency of at least 45%, for that quantity of gas billed under Schedule G-EG.

The filing would not increase any current rate or charge, cause the withdrawal of service, or conflict with any rate schedule or rule.

Protests

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than January 28, 2016, which is 20 days after the date of this filing. Protests must be submitted to:

CPUC Energy Division ED Tariff Unit 505 Van Ness Avenue, 4th Floor San Francisco, California 94102

Facsimile: (415) 703-2200 E-mail: EDTariffUnit@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 shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson Director, Regulatory Relations c/o Megan Lawson 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

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

PG&E requests that this Tier 2 advice filing be approved with an effective date of January 1, 2016.

<u>Notice</u>

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 parties on the service list for R.12-11-005. Address changes to the General Order 96-B service list should be directed to PG&E at email address 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. Send all electronic approvals to PGETariffs@pge.com. Advice letter filings can also be accessed electronically at: http://www.pge.com/tariffs/.

/S/_____

Erik Jacobson Director, Regulatory Relations

Attachments

cc: Service List R.12-11-005

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 G	as and Electric Company (ID U39 G)	
Utility type:	lity type: Contact Person: <u>Kingsley Cheng</u>	
\Box ELC \blacksquare GAS	Phone #: (415) 973-5265	
\Box PLC \Box HEAT \Box WATER	E-mail: <u>k2c0@pge.com and PGETariffs@pge.com</u>	
EXPLANATION OF UTILITY TY	PE (Date Filed/ Received Stamp by CPUC)	
ELC = Electric GAS = Gas		
PLC = Pipeline HEAT = Heat W	VATER = Water	
	Tier: <u>2</u> dules G-EG and G-SUR Related to Electrical Generation Facilities that Meet nirements Equivalent to Cogeneration Efficiency Requirements Present in Code) Section 216.6	
Keywords (choose from CPUC listing): Cog	eneration	
AL filing type: □ Monthly □ Quarterly □ Ann	ual 🗹 One-Time 🗆 Other	
If AL filed in compliance with a Commission or	der, indicate relevant Decision/Resolution #: <u>N/A</u>	
Does AL replace a withdrawn or rejected AL? I	f so, identify the prior AL: <u>No</u>	
Summarize differences between the AL and the	prior withdrawn or rejected AL:	
Is AL requesting confidential treatment? If so, v	what information is the utility seeking confidential treatment for: \underline{No}	
Confidential information will be made available	to those who have executed a nondisclosure agreement: <u>N/A</u>	
Name(s) and contact information of the person(s information:) who will provide the nondisclosure agreement and access to the confidential	
Resolution Required? □Yes ☑No		
Requested effective date: January 1, 2016	No. of tariff sheets: 5	
Estimated system annual revenue effect (%): $N/2$	<u>A</u>	
Estimated system average rate effect (%): <u>N/A</u>		
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: Gas Schedule G-EG	and Gas Schedule G-SUR	
Service affected and changes proposed: $\underline{N/A}$		
Pending advice letters that revise the same tariff sheets: N/A		
Protests, dispositions, and all other corresponde otherwise authorized by the Commission, and sh	nce regarding this AL are due no later than 20 days after the date of this filing, unless all be sent to:	
California Public Utilities Commission	Pacific Gas and Electric Company	
Energy Division	Attn: Erik Jacobson	
EDTariffUnit	Director, Regulatory Relations c/o Megan Lawson	
505 Van Ness Ave., 4 th Flr. San Francisco, CA 94102	77 Beale Street, Mail Code B10C	
E-mail: EDTariffUnit@cpuc.ca.gov	P.O. Box 770000 San Francisco, CA 94177	
	E-mail: PGETariffs@pge.com	

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
32482-G	GAS SCHEDULE G-EG GAS TRANSPORTATION SERVICE TO ELECTRIC GENERATION Sheet 1	32424-G
32483-G	GAS SCHEDULE G-SUR CUSTOMER-PROCURED GAS FRANCHISE FEE SURCHARGE Sheet 1	32433-G
32484-G	GAS TABLE OF CONTENTS Sheet 1	32472-G
32485-G	GAS TABLE OF CONTENTS Sheet 2	32430-G
32486-G	GAS TABLE OF CONTENTS Sheet 3	32431-G



Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No. 32482-G 32424-G

	GAS SCHEDULE G-EG GAS TRANSPORTATION SERVICE TO ELECTRIC GENERATION	Sheet 1
	GAS TRANSPORTATION SERVICE TO ELECTRIC GENERATION	1
APPLICABILITY:	This rate schedule* applies to the transportation of natural gas used in: (a) elect plants served directly from PG&E gas facilities that have a maximum operation p than sixty pounds per square inch (60 psi); (b) all Cogeneration facilities that me requirements specified in the California Public Utilities Code Section 216.6** and generation facilities that meet an overall electric efficiency of at least 45%; (c) so generation plants, defined herein and (d) Advanced Electrical Distributed Generatechnology that meets all of the conditions specified in Public Utilities Code Sect defined in Rule 1, and are first operational at a site prior to January 1, 2016. This does not apply to gas transported to non-electric generation loads.	bressure greater the efficiency d other electric (N) blar electric (N) ation cion 379.8, as
	Customers on Schedule G-EG permanently classified as Noncore End-Use Cus Rule 1 must procure gas supply from a third-party gas supplier, not from a Core Group, as defined in Rule 1.	
	Certain noncore customers served under this rate schedule may be restricted from to a core rate schedule. See Rule 12 for details on core and noncore reclassific	
TERRITORY:	Schedule G-EG applies everywhere within PG&E's natural gas Service Territory	
RATES:	The following charges apply to this schedule. They do not include charges for so PG&E's Backbone Transmission System:	ervice on
	1. Customer Access Charge:	
	The applicable Per-Day Customer Access Charge specified below is based Customer's Average Monthly Use, as defined in Rule 1. Usage through me meters on a single premises will be combined to determine Average Month Customers taking service under this schedule who also receive service under noncore rate schedules at the same premises will be charged a single Cus Charge under this schedule.	ultiple noncore nly Usage. der other
	Average Monthly Use (Therms) Per Day	
	0 to 5,000 therms \$2.04230	
	5,001 to 10,000 therms \$6.08351	
	10,001 to 50,000 therms\$11.3227450,001 to 200,000 therms\$14.85962	
	200,001 to 1,000,000 therms \$21.56022	
	1,000,001 and above therms \$182.88493	
	2. Transportation Charge:	
	Customers will pay one of the following rates for gas delivered in the currer	nt billing period:
	 The Backbone Level Rate applies to Backbone Level End-Use Custo defined in Rule 1. 	mers as
	Backbone Level Rate: \$0.01223 per therm	
	b. All Other Customers: \$0.03547 per therm	
** Efficiency Standard: thermal energy follow natural gas and oil e		s than 42.5 percent of any
component. Custom effective ARB AB32	directly billed by Air Resources Board (ARB) for ARB AB32 Administration Fees are exempt from PG&E's ARB AB32 Cost of I ners on the Directly Billed list, as provided annually by the ARB, may change from year to year. The exemption credit will be ec 2 COI per-therm rate component (as shown in PG&E's Preliminary Statement, Part B – "Default Tariff Rate Components"), time or each billing period.	qual to PG&E's currently-
		· - · · ·

(Continued)

Date Filed

Resolution No.

Effective

January 8, 2016

Advice Letter No: 3671-G Decision No.

Issued by **Steven Malnight** Senior Vice President Regulatory Affairs

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Revised Cal. P.U.C. Sheet No. celling Revised Cal. P.U.C. Sheet No. 32483-G 32433-G

	GAS SCHEDULE G-SUR CUSTOMER-PROCURED GAS FRANCHISE FEE SURCHA	Sheet 1 ARGE	
APPLICABILITY:	Pursuant to California State Senate Bill No. 278 (1993) and pursuant to sections 6350-6354, this schedule applies to all gas volumes procured b from third-party entities and transported by PG&E ("Customer-procured g following exceptions:	y Customers	
	a. The state of California or a political subdivision thereof;		
	b. One gas utility transporting gas for end use in its Commission-designate area through another utility's service area;	gnated service	
	c. A utility transporting its own gas through its own gas transmission a system for purposes of generating electricity or for use in its own o	and distribution perations;	
	 Cogeneration Customers, and other electric generation facilities the overall electric efficiency of at least 45%, for that quantity of natura under Schedule G-EG; and 		
	 Advanced Electrical Distributed Generation Technology that meets conditions specified in Public Utilities Code Section 379.8 that is firs a site prior to January 1, 2016. 		
TERRITORY:	Schedule G-SUR applies everywhere PG&E provides natural gas servic	е.	
RATES:	The Customer-procured gas Franchise Fee Surcharge is comprised of the following components:		
	 The monthly core Weighted Average Cost of Gas (WACOG), exclusive of storage costs and Franchise Fees and Uncollectibles, which is 	<u>Per Therm</u> \$0.18389	
	multiplied by:		
	b. The Franchise Fee factor* adopted in PG&E's most recent General Rate Case, which is	0.014071	
	The G-SUR Franchise Fee Surcharge is	\$0.00259	
SURCHARGE RECOVERY:	The surcharge will be shown on the Customer's monthly bill based on vo by the Customer from a third party and transported by PG&E (metered u		
DELINQUENT SURCHARGES:	In the event that payment on a transportation Customer's closed account becomes more than 90 days delinquent or a transportation Customer notifies the utility that they refuse to pay the surcharge, PG&E shall, within 30 days, notify the municipality of the delinquency and provide information on the name and address of the delinquent transportation Customer and the surcharge amount owed. PG&E shall not be liable for delinquent surcharges.		
Does not includ	le Uncollectibles factor of 0.003406.		

Date Filed Effective Resolution No. January 8, 2016



GAS TABLE OF CONTENTS

Sheet 1

TITLE OF SHEET

CAL P.U.C. SHEET NO.

Title Page	32484 -G	(T)
Rate Schedules		ÌΤ)
Preliminary Statements		()
Rules		
Maps, Contracts and Deviations		
Sample Forms	30592,30323,30324,30325,32138,30439-G	

Advice Letter No: 3671-G Decision No.

Date Filed Effective Resolution No. (Continued)

January 8, 2016



	GAS TABLE OF CONTENTS Sh	eet 2
SCHEDULE	CAL P.U.C TITLE OF SHEET SHEET NO	
	Rate Schedules Residential	
Counties Served	Listing of Counties Covered Under Gas Rate Schedules	-G
G-1 G1-NGV GL-1 GL1-NGV	Residential Service 32376,23487 Residential Natural Gas Service for Compression on Customers' Premises 32382,23734 Residential CARE Program Service 32383,32340 Residential CARE Program Natural Gas Service for Compression 32384,23740 On Customers' Premises 32384,23740	-G -G
GM GML GS GSL GT GTL G-10 G-EFLIC G-MHPS	Master-Metered Multifamily Service32385,32343,23019Master-Metered Multifamily CARE Program Service32386,32345,23027Multifamily Service32387,32347,23215Multifamily CARE Program Service32388,32349,23216Mobilehome Park Service32389,32351,26568Mobilehome Park CARE Program Service32390,32353,23502,26569Service to Company Employees11318Energy Financing Line Item Charge (EFLIC) Pilot31618,31619,31620,31621,31622Master-Metered Mobilehome Park Safety Surcharge22034	-G -G -G -G -G -G -G -G
G-MHF3	Rate Schedules Non-Residential	-0
G-NR1 G-NR2 G-CP G-CPX G-NT G-EG G-ESISP G-WSL G-BAL	Gas Service to Small Commercial Customers	-G -G -G -G -G -G (T) -G -G
G-SFS G-NFS G-NAS G-CFS G-AFT	Standard Firm Storage Service31811,22140,22141,22300Negotiated Firm Storage Service31805,29472Negotiated As-Available Storage Service31804Core Firm Storage31800,22147,22148,22149Annual Firm Transportation On-System24465,31797,22903	-G -G -G

(Continued)

January 8, 2016



	GAS TABLE OF CONTENTS	Sheet 3
SCHEDULE		- P.U.C. ET NO.
	Rate Schedules Non-Residential	
G-AFTOFF G-SFT G-AA G-AAOFF G-NFT G-NFTOFF G-NAA G-NAAOFF G-OEC G-CARE G-XF G-PARK	Annual Firm Transportation Off-System24466,31798Seasonal Firm Transportation On-System Only24467,31812As-Available Transportation On-System24468As-Available Transportation Off-System24469Negotiated Firm Transportation Off-System24470,22909Negotiated Firm Transportation Off-System24471,19294Negotiated As-Available Transportation Off-System24472,22911Negotiated As-Available Transportation Off-System24473,22912Gas Delivery To Off-System End-Use Customers22263CARE Program Service for Qualified Nonprofit Group Living and Qualified Agricultural E Housing Facilities31003,31004,27966Market Center Parking Service31810	,22178-G ,31795-G ,31796-G -22910-G ,21836-G ,22184-G -22913-G -22264-G Employee .23367-G -27965-G
	Rate Schedules Other	
G-LEND G-CT G-CRED G-SUR G-PPPS G-ESP G-ESP G-WGSP G-OBF G-OBF G-OBR G-SOP	Market Center Lending Service 31802 Core Gas Aggregation Service 31674-31676,30857-30865,29402,30866 Billing Credits for CTA-Consolidated Billing. 2000 Customer-Procured Gas Franchise Fee Surcharge 29343* Gas Public Purpose Program Surcharge. 29343* Consolidated Pacific Gas and Electric Company Billing Services to Core 29104,29105 On-Bill Financing Loan Program. 28306,28307 On-Bill Repayment (OBR) Pilots. 31548 Residential Gas SmartMeter [™] Opt-Out Program. 31912	-30868-G .20063-G . 32483 -G (T ,23704-G .21739-G ,29106-G ,28308-G -31554-G
	Rate Schedules Experimental	
G-NGV1 G-NGV2 G-NGV4 G-LNG	Experimental Natural Gas Service for Compression on Customers Premises	,27655-G ,27658-G

Date Filed Effective Resolution No. (Continued)

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

AT&T Albion Power Company Alcantar & Kahl LLP Anderson & Poole Atlas ReFuel BART Barkovich & Yap, Inc. Bartle Wells Associates Braun Blaising McLaughlin & Smith, P.C.

Braun Blaising McLaughlin, P.C. CPUC California Cotton Ginners & Growers Assn California Energy Commission California Public Utilities Commission California State Association of Counties Calpine Casner, Steve Cenergy Power

Center for Biological Diversity City of Palo Alto City of San Jose Clean Power Coast Economic Consulting Commercial Energy Cool Earth Solar, Inc. County of Tehama - Department of Public Works Crossborder Energy Davis Wright Tremaine LLP

Day Carter Murphy Defense Energy Support Center Dept of General Services

Division of Ratepayer Advocates Don Pickett & Associates, Inc. Douglass & Liddell Downey & Brand Ellison Schneider & Harris LLP G. A. Krause & Assoc. GenOn Energy Inc. GenOn Energy, Inc. Goodin, MacBride, Squeri, Schlotz & Ritchie Green Power Institute Hanna & Morton International Power Technology Intestate Gas Services, Inc. Kelly Group Ken Bohn Consulting Leviton Manufacturing Co., Inc. Linde Los Angeles County Integrated Waste Management Task Force Los Angeles Dept of Water & Power MRW & Associates Manatt Phelps Phillips Marin Energy Authority McKenna Long & Aldridge LLP McKenzie & Associates Modesto Irrigation District Morgan Stanley

NLine Energy, Inc. NRG Solar

Nexant, Inc. ORA Office of Ratepayer Advocates OnGrid Solar Pacific Gas and Electric Company Praxair Regulatory & Cogeneration Service, Inc. SCD Energy Solutions SCE SDG&E and SoCalGas SPURR San Francisco Water Power and Sewer

Seattle City Light Sempra Energy (Socal Gas) Sempra Utilities SoCalGas Southern California Edison Company Spark Energy Sun Light & Power Sunshine Design Tecogen, Inc.

Tiger Natural Gas, Inc. TransCanada Troutman Sanders LLP Utility Cost Management Utility Power Solutions Utility Specialists Verizon Water and Energy Consulting

Wellhead Electric Company Western Manufactured Housing Communities Association (WMA) YEP Energy