

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298

Tel. No. (415) 703-1691



April 28, 2004

Advice Letter 2514G|G-A|G-B|G-C

Ms Anita Smith, Rate Analyst  
Pacific Gas and Electric Company  
77 Beale Street, 10B Mail Code  
San Francisco, CA 94177

Subject: Single Electric Generation Class (Schedule G-EG)

Dear Ms Smith:

Advice Letter 2514G|G-A|G-B|G-C is effective April 1, 2004. A copy of the advice letter is sent herewith for your records.

Sincerely,

A handwritten signature in cursive script that reads "Paul Clamor".

Director  
Energy Division



January 20, 2004

**ADVICE 2514-G**

(Pacific Gas and Electric Company ID U39G)

**Subject: Single Electric Generation Class (Schedule G-EG)  
(Gas Accord II Decision 03-12-061)**

Public Utilities Commission of the State of California

**Purpose**

The purpose of this filing is to submit proposed revisions to Pacific Gas and Electric Company's (PG&E's) gas tariffs for Commission-adopted changes effective April 1, 2004. This filing implements a single electric generation class under Schedule G-EG and eliminates cogeneration service under Schedule G-COG in compliance with Gas Accord II Decision (D.) 03-12-061 (Gas Accord II Decision), dated December 18, 2003. This filing incorporates certain revisions from Gas Accord II Advice 2508-G dated December 23, 2003, and Core Service Eligibility Advice 2505-G/G-A dated December 15, 2003, and January 13, 2004, respectively. The affected tariff sheets are included in Attachment I to this filing.

**Gas Accord II Revisions to Electric Generation**

The Gas Accord II decision authorizes PG&E to establish a single electric generation class to be implemented April 1, 2004.<sup>1</sup> It eliminates rate Schedule G-COG--*Gas Transportation Service to Cogeneration Facilities*,<sup>2</sup> and provides service to cogeneration customers under the provisions of Schedule G-EG--*Gas Transportation Service to Electric Generation*. The cogeneration gas allowance (CGA) currently used to limit the gas that qualifies as cogeneration usage is replaced with anti-gaming measures similar to those adopted for Southern California Gas Company and San Diego Gas and Electric Company in D. 00-04-060. The collateral discount rule that historically required cogeneration customers to receive any rate discount granted to a utility electric generation customer under the rate parity provisions of P.U. Code section 454.4 is also eliminated.

<sup>1</sup> Ordering Paragraph 6.k. of D. 03-12-061 ordered PG&E to file an advice letter within 30 days of the decision to implement the adopted Schedule EG rates, and to change affected gas schedules and rules associated with implementing the single electric generation (EG) class.

<sup>2</sup> Schedule G-COG applied to qualifying distribution and transmission-level cogeneration facilities and solar electric generation plants served directly from PG&E's gas facilities.



### Revisions to Schedule G-EG

PG&E is revising the Applicability section of Schedule G-EG to include cogeneration customers and solar electric generation customers that are currently served under Schedule G-COG. As adopted in the Gas Accord II decision, customers taking service from Schedule G-EG must procure gas supply from a third-party supplier, and not from PG&E or a Core Procurement Group.<sup>3</sup>

In addition, PG&E is implementing the six-tier Customer Access Charges, effective April 1, 2004, similar to those for noncore Schedule G-NT.<sup>4</sup>

In accordance with the Gas Accord II decision, the Limitation of Gas Use section describes the provisions for cogeneration gas use to qualify for Schedule G-EG, consistent with the anti-gaming provisions of Special Conditions 19 through 22 of SoCalGas's Schedule GT-F. The provisions in this section replace the CGA, previously found in Schedule G-COG. The meter requirements for electric generation load served under Schedule G-EG also have been included.

In accordance with the Gas Accord II Decision, the collateral discount rule is eliminated. Therefore, the Electric Department Notification language is being deleted, as it no longer applies.

Certain sections (Definition of the Efficiency Standard, Multiple Fuel Use, Solar Electric Generation Projects and Notice of Change in Operation) from Schedule G-COG continue to apply and are added to Schedule G-EG.

### Revisions to Other Tariffs

PG&E is removing references to Schedule G-COG from Preliminary Statement Part B—*Default Tariff Rate Components*, and removing references to UEG/cogeneration parity and certain outdated text from Part C—*Gas Terms and Definitions*.

PG&E is removing references to Schedule G-COG in its core and backbone transmission rate schedules, and Schedule G-BAL and replacing them with G-EG, where applicable. Also, PG&E is revising Schedule G-SUR—*Customer Procured Gas Franchise Fee Surcharge*, to remove the reference to the CGA and replacing

<sup>3</sup> This provision of the Gas Accord II decision supercedes a provision from Core Service Eligibility Advice 2505-G. For customers taking service under core rate Schedule G-NR2 in conjunction with Schedule G-COG prior to December 4, 2003, the date of D. 03-12-008, these customers, if they elect service under Schedule G-EG, can continue to take such core transportation service under Schedule G-NR2 for non-generation usage through a single meter, but must procure gas from a third-party supplier, not from a Core Procurement Group.

<sup>4</sup> In Advice 2508-G, PG&E reflected the interim provisions for Schedule G-EG, approved in D. 03-12-061, that ordered PG&E to apply the 2004 adopted revenue requirement allocated to electric generation and cogeneration customers to the existing rate design structure for customer access and distribution rates effective January 1, 2004. This filing implements the six-tier customer access charge adopted in D. 03-12-061, replacing the interim treatment. Distribution rates applicable to all electric generation customers remain unchanged from Advice 2508-G.



it with electric generation under Schedule G-EG.<sup>5</sup> A reference in Rule 23 to Schedule G-COG is being replaced.

Exhibits A.1, A.EG and A.NGV4 to Form 79-756—Natural Gas Service Agreement, are being revised to comport with the deletion of Schedule G-COG.

Also included in this filing are the second pages from Schedules GM, G-NR1, and G-NR2, in which language is added stating that customers taking service under those schedules in conjunction with Schedule G-EG must procure gas from a third-party supplier, not from a Core Procurement Group, as defined in gas Rule 1. The first pages of Schedules GM, G-NR1, G-NR2, and G-SUR delete references to Schedule G-COG and add references to revised electric generation Schedule G-EG. These revisions are filed as DRAFT tariff sheets and will be incorporated into the April 2004 gas core procurement and Schedule G-SUR rate change advice filings.

### Effective Date

In accordance with O.P.6.k of the Gas Accord II decision, PG&E requests that this filing be approved effective **April 1, 2004**.

### Protests

Anyone wishing to protest this filing may do so by sending a letter within 20 days of the date of this filing, which is **February 9, 2004**. 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:

IMC Branch Chief - Energy Division  
California Public Utilities Commission  
505 Van Ness Avenue, 4th Floor  
San Francisco, California 94102

Facsimile: (415) 703-2200

E-mail: [jjr@cpuc.ca.gov](mailto:jjr@cpuc.ca.gov)

Copies should also be mailed to the attention of the Director, Energy Division, Room 4005 and Jerry Royer, Energy Division, at the address shown above. It is also requested that a copy of the protest be sent via postal mail and facsimile to Pacific Gas and Electric Company on the same date it is mailed or delivered to the Commission at the address shown below:

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<sup>5</sup> This change does not alter the intent of P.U. Code section 6351 that exempts from the franchise fee surcharge those cogeneration customers compliant with P.U. Code section 218.5.



Pacific Gas and Electric Company  
Attention: Brian K. Cherry  
Director, Regulatory Relations  
77 Beale Street, Mail Code B10C  
P.O. Box 770000  
San Francisco, California 94177  
Facsimile: (415) 973-7226  
E-mail: [RxDd@pge.com](mailto:RxDd@pge.com)

**Notice**

In accordance with General Order 96-A, Section III, Paragraph G, and OP 4.d of D. 03-12-061, a copy of this advice letter is being sent electronically and sent via U.S. mail to parties shown on the attached list and the service list for Gas Accord II A. 01-10-011. Address change requests should be directed to Sandra Ciach at (415) 973-7572. Advice letter filings can be accessed electronically at: <http://www.pge.com/tariffs>.

A handwritten signature in cursive script that reads "Karen A. Tomcala/ss".

Vice President – Regulatory Relations

Attachments

Service List – Gas Accord II (A. 01-10-011)

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal P.U.C. Sheet No.
	<b>Preliminary Statement</b>	
22192-G <sup>1</sup>	Part B—Default Tariff Rate Components - (Noncore p. 3)	22017-G
22193-G <sup>2</sup>	Part B Mainline Extension (Cont'd)	22023-G
22166-G	Part C—Gas Accounting Terms and Definitions	21698-G
	<b>Rate Schedules</b>	
22167-G	GM—Master-Metered Multifamily Service	21028-G
22168-G	G-NR1—Gas Service to Small Commercial Customers	18980-G
22169-G	G-NR2—Gas Service to Large Commercial Customers	18991-G
Delete	G-COG—Gas Transportation Service to Cogeneration Facilities	22120-G
Delete	G-COG (Cont'd.)	20857-G
Delete	G-COG (Cont'd.)	18114-G
Delete	G-COG (Cont'd.)	18985-G
22170-G	G-EG-- Gas Transportation Service to Transmission Level Electric Generation	22040-G
22171-G	G-EG (Cont'd.)	22040-G
22172-G	G-EG (Cont'd.)	New
22173-G	G-EG (Cont'd.)	22041-G
22174-G	G-BAL—Gas Balancing Service for Intrastate Transportation Customers	22046-G
22175-G	G-AFT—Annual Firm Transportation On-System	22052-G
22176-G	G-AFT (Cont'd)	22054-G
22177-G	G-SFT—Seasonal Firm Transportation On-System Only	21827-G
22178-G	G-SFT (Cont'd)	22059-G
22179-G	G-AA—As-Available Transportation On-System	21829-G
22180-G	G-AA (Cont'd.)	22060-G
22181-G	G-NFT—Negotiated Firm Transportation On-System	21833-G
22182-G	G-NFT (Cont'd)	22063-G
22183-G	G-NAA—Negotiated As-Available Transportation Off-System	21837-G
22184-G	G-NAA (Cont'd.)	21838-G

<sup>1</sup> Sheet re-numbered due to duplicative use of sheet numbers.

<sup>2</sup> See footnote 1.

Cal. P.U.C. Sheet No.	Title of Sheet	Canceling Cal P.U.C. Sheet No.
<b>Rules</b>		
22185-G	Rule 23—Gas Aggregation Service for Core Transport Customers	21743-G
<b>Forms</b>		
22186-G	Form No. 79-756—Natural Gas Service Agreement	21272-G
<b>Tables of Contents</b>		
22187-G	Table of Contents – Sample Forms (Cont'd.)	21753-G
22188-G	Table of Contents – Rules	22090-G
22189-G	Table of Contents – Preliminary Statements	22091-G
22190-G	Table of Contents (Cont'd)	22092-G
22191-G	Table of Contents	22093-G
<b>22192-G</b>	[See top of page 1]	
<b>22193-G</b>	[See top of page 1]	
<b>Draft Tariffs</b>		
DRAFT	Schedule GM—Master-Meter Multifamily Service	
DRAFT	Schedule G-NR1—Gas Service to Small Core Commercial Customers	
DRAFT	Schedule G-NR2—Gas Service to Large Core Commercial Customers	
DRAFT	Schedule G-SUR—Customer-Procured Gas Franchise Fee Surcharge	



PRELIMINARY STATEMENT  
(Continued)

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM) (Cont'd.)

NONCORE p. 3

	(D)——(D)	G-EG (3)*	(T)
NCA		0.00224	
DSM		0.00000	
GRC 2000 INTERIM ACCT		0.00000	
CARE		0.00000	
CPUC FEE **		0.00073	
EOR		0.00000	
CEE		0.00000	
EL PASO CAPACITY CHARGE		0.00616	
LOCAL TRANSMISSION (AT RISK)		0.01574	
DISTRIBUTION & BASE REVENUE CREDITS (AT RISK)		0.00046	(D)
<b>TOTAL RATE</b>		<b>0.02533 (R)</b>	

\* Refer to footnotes at end of Noncore Default Tariff Rate Components.

\*\* The CPUC Fee includes \$.00076 per therm as approved by the CPUC, plus an allowance for Franchise Fees and Uncollectible Expense (F&U).

(Continued)



PRELIMINARY STATEMENT  
(Continued)

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM) (Cont'd.)

MAINLINE EXTENSION FACTORS (1)

<u>Core Schedules (2)</u>	<u>Mainline Extension Factor</u>
Schedule G-NR1	0.23444
Schedule G-NR2	0.09097
Schedule G-NGV1	0.15354
Schedule G-NGV2	0.15354
 <u>Noncore Schedules</u>	
Schedule G-NT	
Distribution	0.07680
Transmission	0.00682 (I)
Schedule EG	0.00120 (I)
Schedule G-NGV4	
Distribution	0.07680
Transmission	0.00674

(D)

- (1) Mainline Extension Factors are required to support calculation of distribution-based revenues described in Rule 15.
- (2) For all residential schedules, see Rule 15 for extension allowances.

(Continued)



PRELIMINARY STATEMENT  
(Continued)

C. GAS ACCOUNTING TERMS AND DEFINITIONS (Cont'd.)

6. FRANCHISE FEES AND UNCOLLECTIBLE ACCOUNTS EXPENSE (F&U): F&U refers to that portion of rates designed to recover PG&E's authorized expenses for both the use of public rights-of-way (franchise fees) and bad debts (uncollectible accounts expense). Rates for retail customers include a component for F&U, as determined in PG&E's 1999 General Rate Case, Decisions 00-02-046 and 01-10-031. Rates for wholesale customers include a component for the franchise fees only, per Decision 87-12-039. Rates for UEG and cogeneration include uncollectibles expense and a reduced component for franchise fees.

The F&U factor is equal to.....1.01771

(D)

7. GAS SUPPLY PORTFOLIO: This portfolio includes the cost of gas procured by PG&E for its Core Portfolio (Core Procurement) customers. Gas Supply Portfolio costs are recovered through the Procurement Revenue Requirement described in Section C.10.d.

Costs incurred for the portfolio include the cost of volumetric transportation, incremental pipeline capacity costs, imbalance transactions, hub services, incremental storage services, voluntary diversions, and emergency flow order (EFO) and operational flow order (OFO) charges and other portfolio-related services. These costs may be offset by revenue or gains from risk management tools such as derivative financial instruments (net of transaction costs), and out-of-state sales. Other transactions such as net revenue from imbalance transactions and byproducts extraction and expenses/losses from risk management tools are included in the portfolio.

(T)  
(T)

Effective January 1, 1998, this portfolio will include the cost of Transwestern capacity forecast to be used for Core Portfolio customers.

(D)

The net cost of the "flowing supply" is the result of the transactions listed above. This portfolio also includes gas withdrawn from storage and excludes gas injected into storage for Core Procurement customers using the core storage reservation.

(Continued)



SCHEDULE GM—MASTER-METERED MULTIFAMILY SERVICE  
(Continued)

BASELINE QUANTITIES:  
(Cont'd.)

BASELINE QUANTITIES (THERMS PER DAY PER DWELLING UNIT)

BASELINE TERRITORIES**	SUMMER	WINTER
P	0.4	1.1
Q	0.6	0.9
R	0.6	2.1
S	0.4	0.8
T	0.6	1.3
V	0.6	1.4
W	0.3	1.1
X	0.4	0.9
Y	0.4	1.1

SEASONAL CHANGES:

The summer season is May 1 through October 31 and the winter season is November 1 through April 30. Baseline quantities for bills that include the May 1 and November 1 seasonal changeover dates will be calculated by multiplying the applicable daily baseline quantity for each season by the number of days in each season for the billing period.

STANDARD MEDICAL QUANTITIES:

Additional medical quantities (Code M) are available as provided in Rule 19.

RESIDENTIAL DWELLING UNITS:

It is the responsibility of the Customer to advise PG&E within 15 days following any change in the number of residential dwelling units, mobile home spaces, and permanent-residence RV units receiving gas service.

CENTRAL BOILERS:

Service to central boilers for water and/or space heating will be billed with monthly baseline quantities related to the number of dwelling units furnished such water and/or space heating.

ALTERNATIVE PROCUREMENT OPTIONS:

Customers may procure gas supply from a party other than PG&E by taking service on this schedule in conjunction with Schedule G-CT—Core Gas Aggregation Service. Customers who procure their own gas supply will not pay the Procurement Charge component of this rate schedule shown above and will be subject to the applicable rates specified in Schedule G-CT.

Customers taking service under this schedule in conjunction with Schedule G-EG must procure gas from a third-party supplier, not from a Core Procurement Group, as defined in Rule 1.

(N)  
|  
(N)

Customers taking service on this schedule in conjunction with Schedule G-CT or in conjunction with noncore service, will be subject to a franchise fee surcharge under Schedule G-SUR for gas volumes purchased from parties other than PG&E and transported by PG&E.

\*\*The applicable baseline territory is described in Preliminary Statement, Part A.

(Continued)



SCHEDULE G-NR1—GAS SERVICE TO SMALL COMMERCIAL CUSTOMERS  
(Continued)

SHRINKAGE: Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

ALTERNATIVE PROCUREMENT OPTIONS: Customers may procure gas supply from a party other than PG&E by taking service on this schedule in conjunction with Schedule G-CT—Core Gas Aggregation Service. Customers who procure their own gas supply will not pay the Procurement Charge component of this rate schedule shown above and will be subject to the applicable rates specified in Schedule G-CT.

Customers taking service under this schedule in conjunction with Schedule G-EG must procure gas from a third-party supplier, not from a Core Procurement Group, as defined in Rule 1. (N)  
|  
(N)

Customers taking service on this schedule in conjunction with Schedule G-CT, or in conjunction with noncore service, will be subject to a franchise fee surcharge under Schedule G-SUR for gas volumes purchased from parties other than PG&E and transported by PG&E.

Service under this schedule may also be taken in conjunction with procurement service from a party other than PG&E if: (1) the Customer is taking noncore service at the same premises, and (2) the Customer executes a Natural Gas Service Agreement (Form No. 79-756) with PG&E. Service will be provided in increments of one (1) year. If there is a difference between actual deliveries and actual usage, such differences will be subject to the terms and conditions of Schedule G-BAL. Those Customers will not pay the Procurement Charge component of this schedule.

Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

The Customer may, at its option, receive firm interstate capacity directly assigned by PG&E as provided in Rule 21.1.

CURTAILMENT OF SERVICE: Service under this schedule may be curtailed. Details are provided in Rule 14.

(D)



SCHEDULE G-NR2—GAS SERVICE TO LARGE COMMERCIAL CUSTOMERS  
(Continued)

ENERGY  
EFFICIENCY  
ADJUSTMENT:

A Customer who implements measures to improve energy efficiency on or after January 1, 1992, may be eligible to receive an energy efficiency adjustment. The following qualifications must be met by the Customer: (1) the Customer's service was established prior to January 1, 1992; and (2) the efficiency measures reduce the Customer's natural gas usage and/or demand to the point that the Customer would no longer be eligible for service under this schedule. Qualifying Customers must execute an Agreement for Adjustment for Natural Gas Energy Efficiency Measures (Form 79-788) with PG&E in order to receive an energy efficiency adjustment.

ALTERNATIVE  
PROCUREMENT  
OPTIONS:

Customers may procure gas supply from a party other than PG&E by taking service on this schedule in conjunction with Schedule G-CT—Core Gas Aggregation Service. Customers who procure their own gas supply will not pay the Procurement Charge component of this rate schedule, and will be subject to the applicable rates specified in Schedule G-CT.

Customers taking service under this schedule in conjunction with Schedule G-EG must procure gas from a third-party supplier, not from a Core Procurement Group, as defined in gas Rule 1.

(N)  
|  
(N)

Customers taking service on this schedule in conjunction with Schedule G-CT, or in conjunction with noncore service, will be subject to a franchise fee surcharge under Schedule G-SUR for gas volumes purchased from parties other than PG&E and transported by PG&E.

Service under this schedule may also be taken in conjunction with procurement service from a party other than PG&E if the Customer executes a Natural Gas Service Agreement (Form No. 79-756) with PG&E. Service will be provided in increments of one (1) year. If there is a difference between actual deliveries and actual usage, such differences will be subject to the terms and conditions of Schedule G-BAL. Customers who procure their own gas supply will not pay the Procurement Charge component of this schedule.

Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

The Customer may, at its option, receive firm interstate capacity directly assigned by PG&E as provided in Rule 21.1.

NONCORE  
ELIGIBILITY  
OPTION:

Customers taking service under this schedule are eligible to be reclassified to noncore status as provided in Rule 12. Customers eligible for noncore service must execute a Natural Gas Service Agreement (Form 79-756).

CURTAILMENT  
OF SERVICE:

Service under this schedule may be curtailed. Details are provided in Rule 14.

(D)



SCHEDULE G-EG—GAS TRANSPORTATION SERVICE TO ELECTRIC GENERATION

APPLICABILITY: This rate schedule\* applies to the transportation of natural gas used in; a) electric generation plants served directly from PG&E gas facilities that have a maximum operation pressure greater than sixty pounds per square inch (60 psi); b) all Cogeneration facilities that meet the efficiency requirements specified in the California Public Utilities Code Section 218.5,\*\* and c) solar electric generation plants, defined herein. This schedule does not apply to gas transported to non-electric generation loads. (T)

Customers on Schedule G-EG must procure gas supply from a third-party gas supplier, not from a Core Procurement Group. (N)

Certain noncore customers served under this rate schedule may be restricted from converting to a core rate schedule. See Rule 12 for details on core and noncore reclassification. (N)

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 service on PG&E's Backbone Transmission System:

1. Customer Access Charge: (N)

The applicable Per-Day Customer Access Charge specified below is based on the Customer's Average Monthly Use, as defined in Rule 1. Usage through multiple noncore meters on a single premises will be combined to determine Average Monthly Usage. Customers taking service under this schedule who also receive service under other noncore rate schedules at the same premises will be charged a single Customer Access Charge under this schedule.

<u>Average Monthly Use (Therms)</u>	<u>Per Day</u>
0 to 5,000 therms	\$0.99010
5,001 to 10,000 therms	\$7.80073
10,001 to 50,000 therms	\$29.59388
50,001 to 200,000 therms	\$78.00975
200,001 to 1,000,000 therms	\$111.69084
1,000,001 therms and above	\$324.67266

2. Transportation Charge (Per therm): \$0.02533 (I)

Customers may be required to pay a franchise fee surcharge for gas volumes transported by PG&E. (See Schedule G-SUR for details.)

In addition, the Customer will also be responsible for any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of gas supplied from a source other than PG&E from intra- or interstate sources.

See Preliminary Statement, Part B for Default Tariff Rate Components. (L)

\* PG&E's gas tariffs are available on-line at [www.pge.com](http://www.pge.com).

\*\* Efficiency Standard: In accordance with PU Code Section 218.5, at least 5 percent of the facility's total output must be in the form of useful thermal energy. Where useful thermal energy follows power production, the useful annual power output plus one-half the useful annual thermal energy output must equal no less than 42.5 percent of any natural gas and oil energy input. (L)

(Continued)



SCHEDULE G-EG—GAS TRANSPORTATION SERVICE TO ELECTRIC GENERATION  
(Continued)

NEGOTIABLE RATES:	Rates under this schedule may be negotiated.	(L)
NEGOTIATED RATE GUIDELINES:	<ol style="list-style-type: none"> <li>1. Standard tariff rates and terms are available to all Customers.</li> <li>2. PG&amp;E may distinguish between parties in offering negotiated rates by evaluating differences in circumstances and conditions, including, but not limited to, differences occurring upstream of, downstream of, or at, the Customer's location, and differences affecting either cost of service to the Customer or Customer's market alternatives. Negotiations with Customers under this rate schedule will be conducted without undue preference or undue discrimination to the Customer or to any third party. Negotiated rates for G-EG service shall not be less than PG&amp;E's short-run marginal cost of providing the service.</li> <li>3. PG&amp;E will issue monthly reports to the Commission listing all negotiated contracts, including those negotiated under G-EG. PG&amp;E will make the report available to others upon request. Customer names, including PG&amp;E's affiliates and other departments, will not be provided in the report. However, the report will indicate whether a particular transaction was with an affiliate. The report will show the negotiated rates and dates of service.</li> </ol>	(L)
ELECTRIC DEPARTMENT NOTIFICATIONS:		(D)
METER REQUIREMENT:	All electric generation load served under this schedule shall be separately metered using a PG&E owned and installed gas meter. For cogeneration facilities that were previously served under Schedule G-COG without a separate PG&E installed gas meter, the volume of gas transported under this schedule will be determined under the provisions of the Limitation of Gas Use section below.	(N)

(Continued)



SCHEDULE G-EG—GAS TRANSPORTATION SERVICE TO ELECTRIC GENERATION  
(Continued)

LIMITATION OF  
GAS USE:

For cogeneration customers having both generation and non-generation end use on a single meter, the amount of gas to be billed at the electric generation rate will be the lesser of:

(N)

- a. Total metered throughput; or
- b. An amount of gas equal to the customer's recorded net-electric generation in kilowatt-hours (kWh) times the average heat rate for the electric generation equipment as supported by documentation from the manufacturer. If not available, operating data shall be used to determine customer's average heat rate. Net-electric generation is the output of the generator, less the energy used to operate the auxiliary equipment at the cogeneration facility. Auxiliary equipment includes, but is not limited to, forced and induced draft fans, boiler feed pumps, and lubricating oil systems.

When net-electric generation metering is required to determine the gas quantity eligible for billing under this schedule, or for other regulatory purposes, such metering will be installed and owned by PG&E. Installation of net-electric generation metering and on-going maintenance will be at the customer's expense.

Gas use in excess of this Limitation will be billed at the applicable non-generation rate schedule.

Subject to the Meter Requirement Section above, electric generation customers will make available upon request any measurement devices required to directly or indirectly determine the net-electric generation. PG&E shall have the right to read, inspect and/or test all such measurement devices during normal business hours. Additional gas and/or steam metering facilities required to separately determine gas usage to which the electric generation rate, or for monitoring compliance with Public Utilities Code 218.5, may be installed, owned and operated by PG&E; however, PG&E may, at its sole discretion, utilize estimated data to determine such gas usage, or compliance.

(N)

MULTIPLE  
FUEL USE:

If multiple fuels are used at a facility, the net amount of electricity generated from using natural gas will be determined each month as follows:

(L)

- 1. If the facility burns two or more cogeneration fuels simultaneously, the net electricity generation will be allocated between those fuels based on the Btu input of each fuel. However, if the use of natural gas supplements coke, biomass, or other waste products, (e.g., gas produced in waste water treatment plants or landfill gas), such use will qualify for Schedule G-EG without a Btu-based allocation, provided it does not exceed the limitation defined in the Limitation of Gas Use section herein.
- 2. If the facility alternates between natural gas and another cogeneration fuel, the net amount of electricity generation fueled by gas will be determined by either: (a) meter readings when the fuel change occurs; or (b) the portion of allocated amount calculated by the procedures stated in 1., above, prorated by the number of hours or days that natural gas is used.

(L)

(Continued)





**SCHEDULE G-BAL—GAS BALANCING SERVICE FOR INTRASTATE TRANSPORTATION CUSTOMERS**

**APPLICABILITY:** This rate schedule\* provides the terms and conditions pursuant to which PG&E will endeavor to balance volumes of gas it receives into its pipeline system with the volume it delivers to End-Use Customers and to Off-System Delivery Points. In addition, this schedule provides for balancing PG&E's Market Center volumes. Under this schedule, PG&E will calculate, maintain, and carry imbalances; provide incentives for Customers to avoid and minimize imbalances; facilitate elimination of imbalances; and cash out imbalances. Schedule G-BAL applies to PG&E's Core Procurement Department transactions on behalf of PG&E's core procurement Customers, and to all Customers taking services under Schedules G-CT (or other core rate schedule(s) where procurement service is provided by a third party), to Schedules G-NT, G-EG, G-NGV4, G-WSL, G-LNG, G-AFT, G-SFT, G-NFT, G-AA, G-NAA, G-AFTOFF, G-AAOFF, G-NFTOFF, G-NAAOFF, G-PARK, and G-LEND. (T)

Imbalances generally will be maintained at the delivery point.

This schedule is the default supply schedule for Noncore End-Use Customers who do not execute a Natural Gas Service Agreement (NGSA) (Form No. 79-756), pursuant to the terms of Schedule G-NT. (T)

**TERRITORY:** Schedule G-BAL applies everywhere within PG&E's natural gas Service Territory.

**BALANCING AGGREGATION:** Noncore End-Use Customers may elect to aggregate Cumulative Imbalances for multiple premises, or they may assign their balancing obligations to a Balancing Agent, as described below. If the Cumulative Imbalances are aggregated or assigned to a Balancing Agent, PG&E will aggregate individual Balancing Service accounts into a single Balancing Service account, with both the usage and the deliveries aggregated. A single Tolerance Band, as defined below, shall apply to the aggregated quantities.

**BALANCING AGENT:** The Balancing Agent is the party financially responsible for managing and clearing imbalances described in Schedule G-BAL. The Balancing Agent shall be responsible for all applicable balancing and Rule 14 Operational Flow Order, Emergency Flow Order and diversion noncompliance charges. The following are Balancing Agents: Core Transportation Agent (CTA), PG&E Core Procurement Department, Noncore Balancing Aggregation Agreement (NBAA) Agent, a Noncore End-Use Customer or Wholesale Customer that is not part of an NBAA. All Balancing Agents are subject to creditworthiness requirements.

For deliveries to a Core Transportation Group, the CTA will be responsible for any imbalances. For deliveries to storage and to off-system points, the Customer holding the Gas Transmission Service Agreement (GTSA) (Form No. 79-866) will be responsible for imbalances.

For deliveries made to Noncore End-Use Customers, the Noncore End-Use Customer will be responsible for imbalances; however, Noncore End-Use Customers may designate a Balancing Agent to manage and assume responsibility for the Noncore End-Use Customer's obligations under this schedule.

A Noncore End-Use Customer may change its Balancing Agent no more than once per month.

\* PG&E's gas tariffs are available on-line at [www.pge.com](http://www.pge.com).

(Continued)



SCHEDULE G-AFT—ANNUAL FIRM TRANSPORTATION ON-SYSTEM

**APPLICABILITY:** This rate schedule\* applies to the firm transportation of natural gas on PG&E's Backbone Transmission System to On-System Delivery Point(s) only. On-System Delivery Point(s) do not include an End-Use Customer's meter. On-System Delivery Point(s) may include: a delivery point pool; a PG&E storage account; a storage account with a third-party on-system storage facility; or a PG&E G-PARK or G-LEND account at the Citygate.

To arrange for the further transportation and delivery of natural gas to an End-Use Customer's meter, one of the following additional rate schedules must be utilized: G-CT, G-NT, G-EG, G-NGV4, or G-WSL. To arrange for the further transportation and delivery of natural gas to an Off-System Delivery Point, one of the following additional rate schedules must be utilized: G-AFTOFF, G-AAOFF, G-NFTOFF or G-NAOFF. (T)

**TERRITORY:** Schedule G-AFT is available only for the transportation of natural gas within PG&E's service territory on the specific paths described herein.

PG&E will accept gas on Customer's behalf only at the Receipt Point(s) specifically designated in the exhibits to the Customer's Gas Transmission Service Agreement (GTSA) (Form No. 79-866).

Receipt Point(s) available for service under this schedule are as follows:

<u>Path:</u>	<u>Receipt Point(s):</u>
Redwood to On-System	Malin or other receipt points north of the Antioch Terminal not included in other backbone transmission paths
Baja to On-System	Topock, Daggett, High Desert Lateral, Essex, Kern River Station or other receipt points south of the Antioch Terminal not included in other backbone transmission paths
Silverado to On-System	PG&E interconnections with California Production (see gas Rule 1)
Mission to On-System	PG&E's Market Center Citygate location, an On-System Delivery Point, PG&E's storage facilities, or a third party's storage facilities located in PG&E's service territory

Delivery Point(s):

Any Delivery Point(s) to which gas is transported under this rate schedule must be On-System Delivery Point(s).

**TERM:** The minimum term for service under this rate schedule is one (1) year, and the maximum term is fifteen (15) years.

\* PG&E's gas tariffs are on-line at [www.pge.com](http://www.pge.com).

(Continued)



SCHEDULE G-AFT—ANNUAL FIRM TRANSPORTATION ON-SYSTEM  
(Continued)

RATES:  
(Cont'd.)

3. Additional Charges:

The Customer shall be responsible for payment of any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of third-party gas from intra- or interstate sources.

NEGOTIABLE  
RATES:

Rates under this schedule are not negotiable.

(D)

CREDIT-  
WORTHINESS:

Customer must meet the creditworthiness requirements specified in Rule 25.

SERVICE  
AGREEMENT  
AND TERM:

A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) is required for service on this schedule. The minimum term for service under the GTSA is one (1) year.

SHRINKAGE:

Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

NOMINATIONS:

Nominations are required for gas transported under this rate schedule. See Rule 21 for details.

CURTAILMENT  
OF SERVICE:

Service under this schedule may be curtailed. See Rule 14 for details.

BALANCING:

Service hereunder shall be subject to all applicable terms, conditions and obligations of Schedule G-BAL.

CAPACITY  
LIMITATION:

Long-term standard firm contracts for terms of five (5) years or greater are subject to a capacity limitation of 400 MDth/day on the Redwood Path and 200 MDth/day on the Baja Path.



SCHEDULE G-SFT—SEASONAL FIRM TRANSPORTATION ON-SYSTEM ONLY

**APPLICABILITY:** This rate schedule\* applies to the seasonal firm transportation of natural gas on PG&E's Backbone Transmission System to On-System Delivery Point(s) only. On-System Delivery Point(s) do not include an End-Use Customer's meter. On-System Delivery Point(s) may include: a delivery point pool; a PG&E storage account; a storage account with a third-party on-system storage facility; or a PG&E G-PARK or G-LEND account at the Citygate.

To arrange for the further transportation and delivery of natural gas to an End-Use Customer's meter, one of the following additional rate schedules must be utilized: G-CT, G-NT, G-EG, G-NGV4, or G-WSL. To arrange for the further transportation and delivery of natural gas to an Off-System Delivery Point, one of the following additional rate schedules must be utilized: G-AFTOFF, G-AAOFF, G-NFTOFF or G-NAAOFF. (T)

**TERRITORY:** Schedule G-SFT is available only for the transportation of natural gas within PG&E's service territory on the specific paths described herein.

PG&E will accept gas on Customer's behalf only at the Receipt Point(s) specifically designated in the exhibits to the Customer's Gas Transmission Service Agreement (GTSA) (Form No. 79-866).

Receipt Point(s) available for service under this schedule are as follows:

<u>Path:</u>	<u>Receipt Point(s):</u>
Redwood to On-System	Malin or other receipt points north of the Antioch Terminal not included in other backbone transmission paths
Baja to On-System	Topock, Daggett, High Desert Lateral, Essex, Kern River Station or other receipt points south of the Antioch Terminal not included in other backbone transmission paths
Silverado to On-System	PG&E interconnections with California Production (see gas Rule 1)
Mission to On-System	PG&E's Market Center Citygate location, an On-System Delivery Point, PG&E's storage facilities, or a third party's storage facilities located in PG&E's service territory

Delivery Point(s):

Any Delivery Point(s) to which gas is transported under this rate schedule must be On-System Delivery Point(s).

\* PG&E's gas tariffs are on-line at [www.pge.com](http://www.pge.com).

(Continued)



SCHEDULE G-SFT—SEASONAL FIRM TRANSPORTATION ON-SYSTEM ONLY  
(Continued)

**TERM:** The minimum term for service for an exhibit to the GTSA under this rate schedule is three (3) consecutive months in any one season. For exhibits that straddle seasons, the minimum term of service is six (6) months, covering at least three (3) consecutive months in each season. The maximum term is two (2) years.

For purposes of this rate schedule, there are two (2) seasons per year; Winter and Summer. The Winter season extends for five (5) months beginning November 1 and ending March 31. The Summer season extends for seven (7) months, beginning April 1 and ending October 31.

**NEGOTIABLE RATES:** Rates under this schedule are not negotiable.

(D)

**CREDIT-WORTHINESS:** Customer must meet the creditworthiness requirements specified in Rule 25.

**SERVICE AGREEMENT AND TERM:** A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) is required for service under this schedule. The minimum term for service under the GTSA is one (1) year.

**SHRINKAGE:** Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

**NOMINATIONS:** Nominations are required for gas transported under this rate schedule. See Rule 21 for details.

**CURTAILMENT OF SERVICE:** Service under this schedule may be curtailed. See Rule 14 for details.

**BALANCING:** Service hereunder shall be subject to all applicable terms, conditions and obligations of Schedule G-BAL.



**SCHEDULE G-AA—AS-AVAILABLE TRANSPORTATION ON-SYSTEM**

**APPLICABILITY:** This rate schedule\* applies to as-available transportation of natural gas on PG&E's Backbone Transmission System to On-System Delivery Point(s) only. On-System Delivery Point(s) do not include an End-Use Customer's meter. On-System Delivery Point(s) may include: a delivery point pool; a PG&E storage account; a storage account with a third-party on-system storage facility; or a PG&E G-PARK or G-LEND account at the Citygate.

To arrange for the further transportation and delivery of natural gas to an End-Use Customer's meter, one of the following additional rate schedules must be utilized: G-CT, G-NT, G-EG, G-NGV4, or G-WSL. To arrange for the further transportation and delivery of natural gas to an Off-System Delivery Point, one of the following additional rate schedules must be utilized: G-AFTOFF, G-AAOFF, G-NFTOFF or G-NAAOFF. (T)

**TERRITORY:** Schedule G-AA is available only for the transportation of natural gas within PG&E's service territory on the specific paths described herein.

PG&E will accept gas on Customer's behalf only at the Receipt Point(s) specifically designated in the exhibits to the Customer's Gas Transmission Service Agreement (GTSA) (Form No. 79-866).

Receipt Point(s) are available for service under this schedule as follows:

<u>Path:</u>	<u>Receipt Point(s):</u>
Redwood to On-System	Malin or other receipt points north of the Antioch Terminal not included in other backbone transmission paths
Baja to On-System	Topock, Daggett, High Desert Lateral, Essex, Kern River Station or other receipt points south of the Antioch Terminal not included in other backbone transmission paths
Silverado to On-System	PG&E interconnections with California Production (see gas Rule 1)
Mission to On-System	PG&E's Market Center Citygate location, an On-System Delivery Point, PG&E's storage facilities, or a third party's storage facilities located in PG&E's service territory

Delivery Point(s):

Any Delivery Point(s) to which gas is transported under this rate schedule must be On-System Delivery Point(s).

**TERM:** The minimum term for service under this rate schedule is one (1) day.

\* PG&E's gas tariffs are on-line at [www.pge.com](http://www.pge.com).

(Continued)



SCHEDULE G-AA—AS AVAILABLE TRANSPORTATION ON-SYSTEM  
(Continued)

**RATES:** The Customer shall pay a Usage Charge for each decatherm equal to the applicable usage rate for the contracted path, multiplied by the quantity of gas delivered on the Customer's behalf.

1. Usage Charge:

<u>Path:</u>	<u>Usage Rate (Per Dth)</u>
Redwood to On-System	\$0.3597
Baja to On-System	\$0.2300
Silverado to On-System	\$0.1379
Mission to On-System	\$0.0000

2. Additional Charges:

The Customer shall be responsible for payment of any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of third-party gas from intra- or interstate sources.

**NEGOTIABLE RATES:** Rates under this schedule are not negotiable.

(D)

**CREDIT-WORTHINESS:** Customer must meet the creditworthiness requirements specified in Rule 25.

**SERVICE AGREEMENT AND TERM:** A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) is required for service on this schedule. The minimum term for service under the GTSA is one (1) year.

**SHRINKAGE:** Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

**NOMINATIONS:** Nominations are required for gas transported under this rate schedule. See Rule 21 for details.

**CURTAILMENT OF SERVICE:** Service under this schedule may be curtailed. See Rule 14 for details.

**BALANCING:** Service hereunder shall be subject to all applicable terms, conditions and obligations of Schedule G-BAL.



SCHEDULE G-NFT—NEGOTIATED FIRM TRANSPORTATION ON-SYSTEM

**APPLICABILITY:** This rate schedule\* applies to the firm transportation of natural gas on PG&E's Backbone Transmission System to On-System Delivery Point(s) only, at negotiated rates.

On-System Delivery Point(s) do not include an End-Use Customer's meter. On-System Delivery Point(s) may include: a delivery point pool; a PG&E storage account; a storage account with a third-party on-system storage facility; or a PG&E G-PARK or G-LEND account at the Citygate.

To arrange for the further transportation and delivery of natural gas to an End-Use Customer's meter, one of the following additional rate schedules must be utilized: G-CT, G-NT, G-EG, G-NGV4, or G-WSL. To arrange for the further transportation and delivery of natural gas to an Off-System Delivery Point, one of the following additional rate schedules must be utilized: G-AFTOFF, G-AAOFF, G-NFTOFF or G-NAAOFF. (T)

**TERRITORY:** Schedule G-NFT is available only for the transportation of natural gas within PG&E's service territory on the specific paths described herein.

PG&E will accept gas on Customer's behalf only at the Receipt Point(s) specifically designated in the exhibits to the Customer's Gas Transmission Service Agreement (GTSA) (Form No. 79-866).

Receipt Point(s) available for service under this schedule are as follows:

<u>Path:</u>	<u>Receipt Point(s):</u>
Redwood to On-System	Malin or other receipt points north of the Antioch Terminal not included in other backbone transmission paths
Baja to On-System	Topock, Daggett, High Desert Lateral, Essex, Kern River Station or other receipt points south of the Antioch Terminal not included in other backbone transmission paths
Silverado to On-System	PG&E interconnections with California Production (see gas Rule 1)
Mission to On-System	PG&E's Market Center Citygate location, an On-System Delivery Point, PG&E's storage facilities, or a third party's storage facilities located in PG&E's service territory

Delivery Point(s):  
Any Delivery Point(s) to which gas is transported under this rate schedule must be On-System Delivery Point(s).

**TERM:** The minimum term for service under this rate schedule is one (1) day.

\* PG&E's gas tariffs are on-line at [www.pge.com](http://www.pge.com).

(Continued)



SCHEDULE G-NFT—NEGOTIATED FIRM TRANSPORTATION ON-SYSTEM  
(Continued)

NEGOTIATED  
RATE  
GUIDELINES  
(Cont'd.)

- 5. The CPUC's complaint procedure will be available to address any claims of undue discrimination in providing service hereunder.
- 6. Negotiated transmission contracts under G-NFT will not require submission to the CPUC for approval. Unless otherwise provided in the applicable GTSA, or exhibit thereto, the application of Sections IX and X of General Order 96-A is waived by the CPUC.

(D)

CREDIT-  
WORTHINESS:

Customer must meet the creditworthiness requirements specified in Rule 25.

SERVICE  
AGREEMENT  
AND TERM:

A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) is required for service under this schedule. The minimum term for service under the GTSA is one (1) year.

SHRINKAGE:

Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

NOMINATIONS:

Nominations are required for gas transported under this rate schedule. See Rule 21 for details.

CURTAILMENT  
OF SERVICE:

Service under this schedule may be curtailed. See Rule 14 for details.

BALANCING:

Service hereunder shall be subject to all applicable terms, conditions and obligation under Schedule G-BAL.



**SCHEDULE G-NAA—NEGOTIATED AS-AVAILABLE TRANSPORTATION ON-SYSTEM**

**APPLICABILITY:** This rate schedule\* applies to the as-available transportation of natural gas on PG&E's Backbone Transmission System to On-System Delivery Point(s) only, at negotiated rates.

On-System Delivery Point(s) do not include an End-Use Customer's meter. On-System Delivery Point(s) may include: a delivery point pool; a PG&E storage account; a storage account with a third-party on-system storage facility; or, a PG&E G-PARK or G-LEND account at the Citygate.

To arrange for the further transportation and delivery of natural gas to an End-Use Customer's meter, one of the following additional rate schedules must be utilized: G-CT, G-NT, G-EG, G-NGV4, or G-WSL. To arrange for the further transportation and delivery of natural gas to an Off-System Delivery Point, one of the following additional rate schedules must be utilized: G-AFTOFF, G-AAOFF, G-NFTOFF or G-NAAOFF. (T)

**TERRITORY:** Schedule G-NAA is available only for the transportation of natural gas within PG&E's service territory on the specific paths described herein.

PG&E will accept gas on Customer's behalf only at the Receipt Point(s) specifically designated in the exhibits to the Customer's Gas Transmission Service Agreement (GTSA) (Form No. 79-866).

Receipt Point(s) available for service under this schedule are as follows:

<u>Path:</u>	<u>Receipt Point(s):</u>
Redwood to On-System	Malin or other receipt points north of the Antioch Terminal not included in other backbone transmission paths
Baja to On-System	Topock, Daggett, High Desert Lateral, Essex, Kern River Station or other receipt points south of the Antioch Terminal not included in other backbone transmission paths
Silverado to On-System	PG&E interconnections with California Production (see gas Rule 1)
Mission to On-System	PG&E's Market Center Citygate location, an On-System Delivery Point, PG&E's storage facilities, or a third party's storage facilities located in PG&E's service territory

Delivery Point(s):  
Any Delivery Point(s) to which gas is transported under this rate schedule must be On-System Delivery Point(s).

**TERM:** The minimum contract term under this rate schedule is one (1) day.

\* PG&E's gas tariffs are on-line at [www.pge.com](http://www.pge.com).

(Continued)



SCHEDULE G-NAA—NEGOTIATED AS-AVAILABLE TRANSPORTATION ON-SYSTEM  
(Continued)

(D)

- CREDIT-WORTHINESS: Customer must meet the creditworthiness requirements specified in Rule 25.
- SERVICE AGREEMENT: A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) is required for service on this schedule. The minimum term for service under the GTSA is one (1) year.
- SHRINKAGE: Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.
- NOMINATIONS: Nominations are required for gas transported under this rate schedule. See Rule 21 for details.
- CURTAILMENT OF SERVICE: Service under this schedule may be curtailed. See Rule 14 for details.
- BALANCING: Service hereunder shall be subject to all applicable terms, conditions and obligations of Schedule G-BAL.



RULE 23—GAS AGGREGATION SERVICE FOR CORE TRANSPORT CUSTOMERS

(Continued)

C. BILLING AND PAYMENT (Cont'd.)

1. BILLING (Cont'd.)

b. BILLING BY THE CTA

PG&E may permit the CTA to bill and collect PG&E's transportation charges from Customers.

For a CTA who bills and collects PG&E transportation charges from Customers, PG&E will provide the CTA with daily Electronic Data Interchange (EDI) billing of Customers' accounts unless otherwise agreed to by PG&E. CTA shall execute an Electronic Data Interchange (EDI) Trading Partner Agreement (EDI Agreement) (Form 79-861) before they may bill Customers for PG&E's transportation charges.

c. OPTIONAL CONSOLIDATED PG&E BILLING

The CTA may select the Consolidated PG&E Billing option. Under this option, the Customer's authorized CTA will send the CTA's rate schedules to the utility. The utility will in turn calculate and send a consolidated bill, containing both PG&E and CTA charges to the Customer. Charges and fees associated with the services provided with this billing option are specified in Schedule G-ESP. To exercise this option, the CTA will be required to execute and shall be subject to the terms and conditions of Attachment L of the CTA Agreement (Form 79-845) with PG&E. Certain service accounts that require complex billing are not eligible for Consolidated PG&E Billing. Those service accounts include, but are not limited to:

- Electric Generation (Schedule G-EG)
- Natural Gas Vehicle (Schedules G-NGV1 and G-NGV2)
- Service Accounts with meters that are read via automated meter reading (various schedules)

(T)

(Continued)



Pacific Gas and Electric Company  
San Francisco, California

Cancelling

Revised  
Revised

Cal. P.U.C. Sheet No.  
Cal. P.U.C. Sheet No.

22186-G  
21272-G

PACIFIC GAS AND ELECTRIC COMPANY

NATURAL GAS SERVICE AGREEMENT

FORM NO. 79-756 (12/02)

EXHIBITS A.1, A.E, A.NGV4

REVISED 4/04

(ATTACHED)

(N)

(N)

Advice Letter No. 2514-G  
Decision No. 03-12-061

Issued by  
**Karen A. Tomcala**  
Vice President  
Regulatory Relations

Date Filed January 20, 2004  
Effective April 1, 2004  
Resolution No. \_\_\_\_\_

49983

**EXHIBIT A.1 - RATES AND METERING INFORMATION**

**CUSTOMER NAME:** \_\_\_\_\_ **Transp. ID No.:** \_\_\_\_\_

**I. TERM:**

The provisions specified in this Exhibit A.1 will take effect on \_\_\_\_\_ (date), with an initial term of twelve (12) months. After the initial term, these provisions will continue on a month-to-month basis until terminated or revised by Customer or by PG&E (as specified in the NGSAs), upon thirty (30) days written notice to PG&E. Termination or revision by the Customer will take effect on first day of the calendar month that occurs at least thirty (30) days after notification, unless otherwise agreed by PG&E. Per gas Rule 12, certain noncore Customers are prohibited from reclassification to core service. If this Exhibit A.1 has been revised, indicate the effective date of the latest revision here: \_\_\_\_\_ (revision effective date).

**II. NONCORE RATE SCHEDULES:**

**Transportation:** Customer elects to receive noncore natural gas transportation service under the terms and conditions of Schedule G-NT. Please list all Nominating Marketers having the authority to make daily gas nominations in Exhibit C.

**III. CORE RATE SCHEDULE(S):**

This Section must be completed if Customer is taking service under a core rate schedule in conjunction with Schedule G-NT.

- Non-PG&E-supplied gas. (PG&E transportation service only). Transportation service is provided under Schedule G-\_\_\_\_\_. Procurement service cannot be supplied by a Core Procurement Group. Please list all Nominating Marketers having the authority to make daily gas nominations in Exhibit C

**IV. FRANCHISE FEE SURCHARGE EXEMPT:**

Enter Yes in box if Customer's usage is exempt from charges under Schedule G-SUR because Customer is a political subdivision of the state of California.<sup>1</sup>

<sup>1</sup> The exemptions are specified in Schedule G-SUR.

EXHIBIT A.1 - RATES AND METERING INFORMATION

CUSTOMER NAME: \_\_\_\_\_ Transp. ID No: \_\_\_\_\_

V. METERING INFORMATION: Metering and service point information will be completed and updated by PG&E, as needed.

GAS METER INFORMATION:

Service Point <u>No.</u>	Meter Badge <u>Number</u>	Submeter Badge <u>Number</u> <sup>2</sup>	Meter Serves Core or <u>Noncore</u> <sup>3</sup>	Trans. or <u>Distr.</u> <sup>4</sup>
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VI. SPECIAL BILLING INSTRUCTIONS:

<sup>2</sup> Complete only if a subtractive meter to the primary meter exists for service point number.

<sup>3</sup> For new NGSAs and meters added to an existing NGSA, each listed meter must serve either 100% core or 100% noncore.

<sup>4</sup> Indicate whether meter is connected to Local Transmission or Distribution ("T" or "D") under Schedule G-NT.

**EXHIBIT A.EG - RATES AND METERING INFORMATION**

**CUSTOMER NAME:** \_\_\_\_\_ **Transp. ID No.:** \_\_\_\_\_

**I. TERM:**

The provisions specified in this Exhibit A.EG will take effect on \_\_\_\_\_ (date), with an initial term of twelve (12) months. After the initial term, these provisions will continue on a month-to-month basis until terminated or revised by Customer or by PG&E (as specified in the NGSA), upon thirty (30) days written notice to PG&E. Termination or revision by the Customer will take effect on first day of the calendar month that occurs at least thirty (30) days after notification, unless otherwise agreed by PG&E. Per gas Rule 12, certain noncore Customers are prohibited from reclassification to core service. If this Exhibit A.EG has been revised, indicate the effective date of the latest revision here: \_\_\_\_\_ (revision effective date).

**II. NONCORE RATE SCHEDULES:**

**Transportation:** Customer elects to receive noncore natural gas transportation service under the terms and conditions of Schedule G-EG. All noncore natural gas transportation that does not qualify under Schedule G-EG is provided under the terms and conditions of Schedule G-NT. Please list all Nominating Marketers having the authority to make daily gas nominations in Exhibit C.

**III. CORE RATE SCHEDULE(S):**

This Section must be completed if Customer is taking service under a core rate schedule in conjunction with Schedule G-EG.

- Non-PG&E supplied gas under Schedule G-\_\_\_\_\_ (PG&E transportation service only). Procurement service cannot be supplied by a Core Procurement Group. Please list all Nominating Marketers having the authority to make daily gas nominations in Exhibit C.

**IV. FRANCHISE FEE SURCHARGE EXEMPT:**

Enter Yes in box if Customer's usage is exempt from charges under Schedule G-SUR because Customer is a political subdivision of the state of California.<sup>1</sup>

Enter Yes in box if Customer's facility qualifies as a cogeneration facility pursuant to California Public Utilities Code Section 218.5.<sup>2</sup>

<sup>1</sup> The exemptions are specified in Schedule G-SUR.

<sup>2</sup> If facility qualifies as cogeneration facility, check box even if previous exempt box is also checked.

EXHIBIT A.EG - RATES AND METERING INFORMATION

CUSTOMER NAME: \_\_\_\_\_ Transp. ID No: \_\_\_\_\_

V. METERING INFORMATION: Metering and service point information will be completed and updated by PG&E, as needed.

GAS METER INFORMATION:

<u>Service Point No.</u>	<u>Meter Badge Number</u>	<u>Submeter Badge Number<sup>3</sup></u>	<u>Meter Serves Core or Noncore<sup>4</sup></u>	<u>Trans. or Distr.<sup>5</sup></u>	<u>Does Meter only Serve Gen.Load<sup>6</sup></u>
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NET ELECTRIC OUTPUT METER INFORMATION IF GAS METER SERVES BOTH GENERATION AND NON-GENERATION LOAD: Metering and service point information will be completed and updated by PG&E, as needed. Customer-Owned metering is at PG&E's Sole Discretion.

<u>Net Electric Output Service Point No.</u>	<u>Meter Badge Number</u>	<u>Submeter Badge Number</u>
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The Net Electric Output meter is owned by: (indicate below)

- Customer-Owned: Monthly meter reads will be provided by: \_\_\_\_\_ Customer or by \_\_\_\_\_ PG&E (indicate by placing a check in the appropriate space).
- PG&E-Owned

<sup>3</sup> Complete only if a subtractive meter to the primary meter exists for service point number.  
<sup>4</sup> Meters for new NGSAs or meters added to existing NGSAs must serve either 100% core or 100% noncore load. If meter serves generation load and the otherwise-applicable rate is a core rate schedule, enter "Core".  
<sup>5</sup> If meter serves noncore load, indicate whether meter is connected to Local Transmission or Distribution ("T" or "D") under Schedule G-EG. If meter serves core load, meter is connected to Distribution ("D").  
<sup>6</sup> Indicate "Yes" if the meter serves only electric generation (EG). Enter "No" if meter serves only non-generation Load. Enter "Both" if meter serves both generation and non-generation load.

**VI. HEAT RATE AND GENERATOR CAPACITY:**

Enter Generator Capacity for all Customers. The Annual Average Heat Rate must be completed if the electric generation equipment does not have a separate PG&E installed gas meter. All delivered gas that does not qualify for Schedule G-EG will be billed at the otherwise applicable rate. The Annual Average Heat Rate can be adjusted by PG&E based on actual recorded values.

Generator Capacity \_\_\_\_\_ (kW)

Annual Average Heat Rate \_\_\_\_\_ (BTU/kWh)

**VII. SPECIAL BILLING INSTRUCTIONS:**

## EXHIBIT A.NGV4 - RATES AND METERING INFORMATION

CUSTOMER NAME: \_\_\_\_\_ Transp. ID No.: \_\_\_\_\_

### I. TERM:

The provisions specified in this Exhibit A.NGV4 will take effect on \_\_\_\_\_ (date), with an initial term of twelve (12) months. After the initial term, these provisions will continue on a month-to-month basis until terminated or revised by Customer or by PG&E (as specified in the NGSA), upon thirty (30) days written notice to PG&E. Termination or revision by the Customer will take effect on first day of the calendar month that occurs at least thirty (30) days after notification, unless otherwise agreed by PG&E. If this Exhibit A.NGV4 has been revised, indicate the effective date of the latest revision here:  
\_\_\_\_\_ (revision effective date).

### II. NONCORE RATE SCHEDULES:

**Transportation:** Customer elects to receive noncore natural gas transportation service under the terms and conditions of Schedule G-NGV4. Please list all Nominating Marketers having the authority to make daily gas nominations in Exhibit C.

### III. CORE RATE SCHEDULE(S):

This Section must be completed if Customer is taking service under a core rate schedule in conjunction with Schedule G-NGV4.

Non-PG&E-supplied gas. (PG&E transportation service only). Transportation service is provided under Schedule G-\_\_\_\_\_. Procurement service cannot be supplied by a Core Procurement Group. Please list all Nominating Marketers having the authority to make daily gas nominations in Exhibit C

### IV. FRANCHISE FEE SURCHARGE EXEMPT:

Enter Yes in box if Customer's usage is exempt from charges under Schedule G-SUR.<sup>1</sup>

<sup>1</sup> The exemptions are specified in Schedule G-SUR.

EXHIBIT A.NGV4 - RATES AND METERING INFORMATION

CUSTOMER NAME: \_\_\_\_\_ Transp. ID No.: \_\_\_\_\_

V. METERING INFORMATION: Metering and service point information will be completed and updated by PG&E, as needed.

GAS METER INFORMATION:

Service Point <u>No.</u>	Meter Badge <u>Number</u>	Submeter Badge <u>Number</u> <sup>2</sup>	Meter Serves Core or <u>Noncore</u> <sup>3</sup>	Trans. or <u>Distr.</u> <sup>4</sup>
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VI. SPECIAL BILLING INSTRUCTIONS:

<sup>2</sup> Complete only if a subtractive meter to the primary meter exists for service point number.

<sup>3</sup> For new NGSAs and meters added to an existing NGSA, each listed meter must serve either 100% core or 100% noncore.

<sup>4</sup> Indicate whether meter is connected to Local Transmission or Distribution ("T" or "D") under Schedule G-NGV4.



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<u>NON-RESIDENTIAL</u>			
M62-1491	1/97	Summary Bill Agreement	17782-G
79-753	1/97	Compressed Natural Gas Fueling Agreement .....	17655-G
79-755	7/93	Agreement for Supply of Natural Gas for Compression as a Motor-Vehicle Fuel .....	15781-G
79-756	4/04	Natural Gas Service Agreement.....	22186-G
79-757	8/97	Natural Gas Service Agreement Modification Revised Exhibits .....	18289-G
79-762	4/00	Imbalance Trading Form for Schedule G-BAL Service .....	19787-G
79-780	8/97	Agreement for Assigned Interstate Capacity for Service to Core Customers .....	18291-G
79-788	2/94	Agreement for Adjustment for Natural Gas Energy Efficiency Measures .....	16387-G
79-791	5/94	Pipeline Expansion Firm Transportation Service Agreement.....	16551-G
79-796	5/99	Notice of Gas Storage Inventory Transfer .....	19378-G
79-844	11/95	Agreement to Provide Compressed Natural Gas (CNG) Station Maintenance Service.....	17264-G
79-845	7/00	Core Gas Aggregation Service Agreement.....	20085-G

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3	Application for Service .....	13842, 21118-G
4	Contracts .....	17051-G
5	Special Information Required on Forms .....	17641, 13348, 13349-G
6	Establishment and Reestablishment of Credit .....	18871, 18872, 18873-G
7	Deposits .....	18212, 18213-G
8	Notices .....	17579, 17580, 15726, 17581, 15728-G
9	Rendering and Payment of Bills .....	19353, 18712, 21294, 21295, 17780, 17781-G
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15	Gas Main Extensions .....	21543, 18802, 18803, 19888, 20350, 20351, 20352, 18808, 21544, 21545, 20353, 20354, 18812, 18813, 18814-G
16	Gas Service Extensions .....	21546, 18816, 17728, 17161, 18817 to 18825, 17737, 18826, 18827-G
17	Meter Tests and Adjustment of Bills for Meter Error .....	14450 to 14456-G
17.1	Adjustment of Bills for Billing Error .....	14457, 14458-G
17.2	Adjustment of Bills for Unauthorized Use .....	14459 to 14461-G
18	Supply to Separate Premises and Submetering of Gas .....	13399, 17796, 13401-G
19	Medical Baseline Quantities .....	21119, 21120, 21121-G
19.1	California Alternate Rates for Energy for Individual Customers and Submetered Tenants of Master-Metered Customers .....	19370, 21637, 19372, 19373-G
19.2	California Alternate Rates for Energy for Nonprofit Group-Living Facilities .....	17132, 21638, 17035, 17134, 17037-G
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Part AI	Applicant Installation Trench Inspection Deferred Account .....	19533-G
Part AJ	Applicant Installation Trench Inspection Memorandum Account .....	19534-G
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GS	Multifamily Service .....	22000,21030,18601-G	
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GL-1	Residential CARE Program Service .....	22002,18603-G	
GML	Master-Metered Multifamily CARE Program Service .....	22003,21035,18605-G	
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SCHEDULE GM—MASTER-METERED MULTIFAMILY SERVICE

**APPLICABILITY:** This rate schedule\* applies to natural gas service to Core End-Use Customers on PG&E's Transmission and/or Distribution Systems. To qualify, service must be master-metered for residential use (including service to common central facilities) in a multifamily accommodation on a single premises where all of the single-family accommodations are not separately submetered in accordance with Rule 18. This schedule also applies to residential hotels as defined in Rule 1 and to residential RV parks which rent at least fifty (50) percent of their spaces on a month-to-month basis for at least nine (9) months of the year to RV units used as permanent residences. This schedule is closed to new installations in mobilehome parks and to new single-meter installations where individual dwelling units contain appliances which require venting. This schedule may be taken in conjunction with Schedule G-EG.

(T)

**TERRITORY:** Schedule GM applies everywhere within PG&E's natural gas Service Territory.

**RATES:** Customers on this schedule pay a Procurement Charge and a Transportation Charge as follows:

	Per Therm	
	Baseline	Excess
<u>Procurement Charge:</u>	\$0.	\$0.
<u>Transportation Charge:</u>	0.	0.
<b>Total:</b>	\$	\$

See Preliminary Statement, Part B for the Default Tariff Rate Components.

The Procurement Charge on this schedule is equivalent to the rate shown on informational Schedule G-CP—Gas Procurement Service to Core End-Use Customers.

**BASELINE QUANTITIES:**

The above rates are applicable only to residential use. PG&E may require the Customer to submit a completed "Declaration of Eligibility for Baseline Quantities for Residential Rates." The delivered quantities of gas shown below are billed at the rates for baseline use. As an exception, service under this schedule not used to supply space heating but used to supply water heating from a central source to residential dwelling units that are individually metered by PG&E for either gas or electricity will be billed using a baseline quantity of 0.5 therms per dwelling unit per day (Code W) in all baseline territories and in both seasons.

\* PG&E's gas tariffs are available on-line at [www.pge.com](http://www.pge.com).

(Continued)



SCHEDULE G-NR1—GAS SERVICE TO SMALL COMMERCIAL CUSTOMERS

**APPLICABILITY:** This rate schedule\* applies to natural gas service to non-residential Core End-Use Customers on PG&E's Transmission and/or Distribution Systems. To qualify, average monthly use must not have exceeded 20,800 therms in those months during the last twelve (12) months in which gas use exceeded 200 therms. Each March, service to all Customers under this schedule will be reviewed to determine continued applicability. Such determination will be based on natural gas use in the twelve (12) billing months ending in the most recent calendar year. This schedule may be taken in conjunction with Schedule G-EG. (T)

**TERRITORY:** Schedule G-NR1 applies everywhere PG&E provides natural gas service.

**RATES:** Customers on this schedule pay a Customer Charge, a Procurement Charge and a Transportation Charge as specified below. Customers that have executed a Request for Reclassification from Noncore Service to Core Service (Form 79-983) will pay the Customer Charge and Transportation Charge shown below. Such Customers will pay the Procurement Charge specified in Schedule G-CPX for any of the first twelve (12) regular monthly billing periods that they are taking core procurement service from PG&E. After the twelfth regular monthly billing period, such Customers will pay the Procurement Charge specified on this schedule.

Customer Charge: (per day)	Usage Per Month			
	Summer		Winter	
	0 – 39 therms	40 therms or more	0 – 145 therms	146 therms or more

Procurement Charge:	Per Therm			
	Summer		Winter	
	First 4,000 Therms	Excess	First 4,000 Therms	Excess

Transportation Charge: \_\_\_\_\_

**Total:**

See Preliminary Statement, Part B for the Default Tariff Rate Components.  
The Procurement Charge on this schedule is equivalent to the rate shown on informational Schedule G-CP—Gas Procurement Service to Core End-Use Customers.

**SEASONS:** The Summer Season begins April 1 and ends on October 31. The Winter Season begins November 1 and ends on March 31.

**CARE DISCOUNT FOR QUALIFIED FACILITIES:** Facilities which meet the eligibility criteria in Rules 19.2 or 19.3 are eligible for a California Alternate Rates for Energy (CARE) Discount under Schedule G-CARE.

\* PG&E's gas tariffs are available on-line at [www.pge.com](http://www.pge.com).

(Continued)



SCHEDULE G-NR2—GAS SERVICE TO LARGE COMMERCIAL CUSTOMERS

**APPLICABILITY:** This rate schedule\* applies to natural gas service to non-residential Core End-Use Customers on PG&E's Transmission and/or Distribution Systems. To qualify, a Customer's average monthly use must have exceeded 20,800 therms during those months in the last twelve (12) months in which gas use exceeded 200 therms, except as specified below in the Energy Efficiency Adjustment Provision. Each March, service to all Customers under this schedule will be reviewed to determine continued applicability. Such determination will be based on natural gas use in the twelve (12) billing months ending in the most recent calendar year. This schedule may not be taken in conjunction with Schedule G-EG.\*\* (T)

**TERRITORY:** Schedule G-NR2 applies everywhere PG&E provides natural gas service.

**RATES:** Customers on this schedule pay a Customer Charge, a Procurement Charge and a Transportation Charge as specified below. Customers that have executed a Request for Reclassification from Noncore Service to Core Service (Form 79-983) will pay the Customer Charge and Transportation Charge shown below. Such Customers will pay the Procurement Charge specified in Schedule G-CPX for any of the first twelve (12) regular monthly billing periods that they are taking core procurement service from PG&E. After the twelfth regular monthly billing period, such Customers will pay the Procurement Charge specified on this schedule.

<u>Customer Charge:</u>		_____ Per Day	
_____ Per Therm			
_____ Summer		_____ Winter	
_____ First 4,000 Therms	_____ Excess	_____ First 4,000 Therms	_____ Excess

**Procurement Charge:** \_\_\_\_\_  
**Transportation Charge:** \_\_\_\_\_  
**Total:** \_\_\_\_\_

See Preliminary Statement, Part B for the Default Tariff Rate Components.

The Procurement Charge on this schedule is equivalent to the rate shown on informational Schedule G-CP—Gas Procurement Service to Core End-Use Customers.

**SEASONS:** The Summer Season begins April 1 and ends on October 31. The Winter Season begins November 1 and ends on March 31.

**CARE DISCOUNT FOR QUALIFIED FACILITIES:** Facilities which meet the eligibility criteria in Rules 19.2 or 19.3 are eligible for a California Alternate Rates for Energy (CARE) Discount under Schedule G-CARE.

\* PG&E's gas tariffs are available on-line at [www.pge.com](http://www.pge.com).

\*\* Per CPUC Decision 03-12-008, dated December 4, 2003, new cogeneration customers with annual use greater than 250,000 therms per year, or rated generation capacity of five-hundred kilowatts (500 kW) or larger, are prohibited from taking service under this schedule in conjunction with Schedule G-EG. Such customers must take service on Schedule G-EG in conjunction with a noncore transportation rate schedule. However, customers taking service under this schedule in conjunction with Schedule G-COG as of December 4, 2003, are allowed to continue service under this rate schedule, in conjunction with Schedule G-EG. Such customers must procure gas from a third-party supplier per Schedule G-EG. (T)  
(T)  
(T)

(Continued)



SCHEDULE G-SUR—CUSTOMER-PROCURED GAS FRANCHISE FEE SURCHARGE

APPLICABILITY: Pursuant to California State Senate Bill No. 278 (1993) and pursuant to PU Code Sections 6350-6354, this schedule applies to all gas volumes procured by Customers from third-party entities and transported by PG&E ("Customer-procured gas") with the following exceptions: (T)  
(T)

- a. the State of California or a political subdivision thereof;
- b. one gas utility transporting gas for end use in its Commission-designated service area through another utility's service area;
- c. a utility transporting its own gas through its own gas transmission and distribution system for purposes of generating electricity or for use in its own operations;
- d. cogeneration Customers, for that quantity of natural gas billed under Schedule G-EG. (T)  
(T)

TERRITORY: Schedule G-SUR applies everywhere PG&E provides natural gas service.

RATES: The Customer-procured gas Franchise Fee Surcharge is comprised of the following components:

- a. the monthly core Weighted Average Cost of Gas (WACOG), exclusive of storage costs and Franchise Fees and Uncollectibles, which is..... Per Therm  
\$0.
- multiplied by:
- b. the Franchise Fee factor\* adopted in PG&E's most recent General Rate Case, which is..... 0.014997

The G-SUR Franchise Fee Surcharge is ..... \$0.

SURCHARGE RECOVERY: The surcharge will be shown on the Customer's monthly bill based on volumes procured by the Customer from a third party and transported by PG&E (metered usage).

DELINQUENT SURCHARGES: In the event that payment on a transportation Customer account becomes more than 90 days delinquent, 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 include Uncollectibles factor of 0.002717.

**PGE Gas Advice Filing  
List  
General Order 96-A, Section III(G)**

ABAG Power Pool  
Accent Energy  
Aglet Consumer Alliance  
Agnews Developmental Center  
Ahmed, Ali  
Alcantar & Elsesser  
Applied Power Technologies  
Arter & Hadden LLP  
Avista Corp  
Barkovich & Yap, Inc.  
BART  
Blue Ridge Gas  
BP Energy Company  
Braun & Associates  
C & H Sugar Co.  
CA Bldg Industry Association  
CA Cotton Ginners & Growers Assoc.  
CA League of Food Processors  
CA Water Service Group  
California Energy Commission  
California Farm Bureau Federation  
California Gas Acquisition Svcs  
California ISO  
Calpine  
Calpine Corp  
Calpine Gilroy Cogen  
Cambridge Energy Research Assoc  
Cameron McKenna  
Cardinal Cogen  
Chevron USA Production Co.  
Childress, David A.  
City of Glendale  
City of Palo Alto  
City of Redding  
CLECA Law Office  
Constellation New Energy  
CPUC  
Creative Technology  
Cross Border Inc  
Crossborder Inc  
CSC Energy Services  
Davis, Wright Tremaine LLP  
Davis, Wright, Tremaine, LLP  
Defense Fuel Support Center  
Department of the Army  
Department of Water & Power City  
DGS Natural Gas Services  
DMM Customer Services  
Downey, Brand, Seymour & Rohwer  
Duke Energy  
Duke Energy North America  
Duncan, Virgil E.  
Dutcher, John  
Dynegy Inc.  
Ellison Schneider  
Energy Law Group LLP  
Enron Energy Services  
Exelon Energy Ohio, Inc  
Exeter Associates  
Foster Farms  
Foster, Wheeler, Martinez  
Franciscan Mobilehome  
Future Resources Associates, Inc  
G. A. Krause & Assoc  
GLJ Energy Publications  
Goodin, MacBride, Squeri, Schlotz &  
Grueneich Resource Advocates  
Hanna & Morton  
Heeg, Peggy A.  
Hogan Manufacturing, Inc  
House, Lon  
Integrated Utility Consulting Group  
International Power Technology  
Interstate Gas Services, Inc.  
J. R. Wood, Inc  
JTM, Inc  
Kaiser Cement Corp  
Korea Elec Power Corp  
Luce, Forward, Hamilton & Scripps  
Marcus, David  
Masonite Corporation  
Matthew V. Brady & Associates  
Maynor, Donald H.  
McKenzie & Assoc  
McKenzie & Associates  
Meek, Daniel W.  
Meyer, Joseph  
Mirant California, LLC  
Modesto Irrigation Dist  
Morrison & Foerster  
Morse Richard Weisenmiller & Assoc.  
Navigant Consulting  
New United Motor Mfg, Inc  
Norris & Wong Associates  
Northern California Power Agency  
Office of Energy Assessments  
Palo Alto Muni Utilities  
PG&E National Energy Group  
Pinnacle CNG Company  
PITCO  
Plurimi, Inc.  
PPL EnergyPlus, LLC  
Price, Roy  
Product Development Dept  
Provost Pritchard  
R. M. Hairston & Company  
R. W. Beck & Associates  
Recon Research  
Regional Cogeneration Service  
RMC Lonestar  
Sacramento Municipal Utility District  
SCD Energy Solutions  
Seattle City Light  
Sempra Energy  
Sequoia Union HS Dist  
SESCO  
Sierra Pacific Power Company  
Silicon Valley Power  
Simpson Paper Company  
Smurfit Stone Container Corp  
Southern California Edison  
SPURR  
St. Paul Assoc  
Stanford University  
Sutherland, Asbill & Brennan  
Tabors Caramanis & Associates  
Tansev and Associates  
Tecogen, Inc  
TFS Energy  
TJ Cross Engineers  
Transwestern Pipeline Co  
U S Borax, Inc  
United Cogen Inc.  
URM Groups  
Utility Cost Management LLC  
Utility Resource Network  
Wellhead Electric Company  
Western Hub Properties, LLC  
White & Case  
WMA