



RULE 2

Sheet 1

DESCRIPTION OF SERVICE

A. Natural Gas Served

The gas supplied by this Utility is natural gas that is obtained from various sources, primarily oil and gas fields, but also includes landfills and other biomass processes. The gas may consist of any combustible gas or gases so produced. The gas is processed to remove condensable constituents, to minimize the concentration of certain impurities, as specified by orders of the California Public Utilities Commission, and to add a warning Odorant, as defined in Rule No. 1 (gas and Odorant referred to as "gas supplied"). Customers using gas supplied by this Utility for processes which are affected by impurities in excess of specified minimum levels are responsible for testing gas supplied and for rendering the gas suitable for their intended uses. Customers using gas supplied by this Utility should also take reasonable steps to prevent Odorant Fade (as defined in Rule No. 1) that may result in Consumer Equipment (as defined in Rule No. 1). This requirement does not apply to Odorant Fade occurring upstream of Consumer Equipment.

EXCEPT AS PROVIDED IN THIS RULE, THE UTILITY MAKES NO WARRANTIES AS TO THE NATURE, COMPOSITION OR PROPERTIES OF THE NATURAL GAS SUPPLIED AND THE OBLIGATIONS SET FORTH IN THIS RULE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, GUARANTIES OR LIABILITIES, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE (INCLUDING WITHOUT LIMITATION ANY OBLIGATIONS OF THE UTILITY WITH RESPECT TO FITNESS, MERCHANTABILITY, CONSEQUENTIAL DAMAGES AND WARNINGS INCLUDING THOSE RELATED TO ODORANT FADE IN CONSUMER EQUIPMENT).

B. Heating Value of Gas Served

The heating value of the natural gas served will vary from time to time and from place to place depending upon the supplies being drawn and the relative quantities being taken there from. The monthly average heating values (in Btu per cubic foot, dry basis, at normal atmospheric pressure of 30" mercury and a temperature of 60 degrees Fahrenheit) of the gas served in the major portion of the Utility's service area are within the range of 990-1100 Btu, and the maximum variation will rarely exceed this range.

C. Billing Districts

The service area of the Utility is divided into seven billing districts, also known as thermal zones. The seven zones are shown on the Map of Thermal Zones.

D. Pressure

The standard delivery pressure at the point of delivery is seven inches of water column.

For connected loads of one million Btu/hour or greater, the following delivery pressures can be provided upon request and acceptance by the Utility:

1. Two Pounds.
2. Five Pounds.
3. Service at as-available fluctuating pressures from the point of service.
4. Such other pressure as the Utility and the Customer agree to.

Compressed natural gas (CNG) will be provided for motor-vehicle use at a pressure range of approximately 3,000 - 3,600 pounds per square inch under Schedule G-NGV

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D. Continuity of Service

Service is continuous, subject to the limitations specifically set forth in the various tariff schedules.

E. Determination of Cubic Foot With Displacement Meters

In cases where gas is metered to customers at the standard delivery pressure described in Section C hereof, a cubic foot of gas shall be construed to be that quantity of gas which, at the temperature and pressure existing in the meter, occupies one cubic foot. Where gas is metered to customers through displacement meters at a pressure higher than that in Section C hereof, a cubic foot of gas shall be construed to be that quantity of gas which, at the temperature existing in the meter and an absolute pressure of 14.73 pounds per square inch, occupies one cubic foot.

F. Determination of Cubic Foot With Other Than Displacement Meters

In cases where gas is metered to customers through other than displacement meters, a cubic foot of gas shall be construed to be that quantity of gas which, at a temperature of 60 degrees Fahrenheit and an absolute pressure of 14.73 pounds per square inch, occupies one cubic foot.

G. Orifice Meter Standards

Utility shall own, operate and maintain devices and related instrumentation to measure gas-flow at each point of receipt and each point of delivery. Utility may elect not to install redundant measurement facilities at utility receipt points as long as the supplying utility complies with the following measurement standards. Orifice meters shall be installed in compliance with the American National Standards Institute Report ANSI/API 2350. Other types of measuring devices shall be installed in compliance with the manufacturers' recommended specifications and all applicable American Gas Association and American National Standards Institute standards.

H. Statement to Customers

The Utility shall periodically render a statement to all customers of the calculated amount of gas delivered and measured as hereinbefore provided. It is agreed that such statement shall be accepted (subject to correction for any error in reading meters, charts, gauges or other accessories, or in computation) by both parties as a correct measurement and statement of the amount of gas delivered and to be paid for unless objected to by one party or the other within 15 days from the time of the rendering of such statement.

See Rule No. 18 for information on billing corrections due to meter error.

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2C17

Advice Ltr. No. 1863-G

Decision No. _____

Issued by
Lee Schavrien
Senior Vice President
Regulatory Affairs

Date Filed May 15, 2009

Effective Jul 1, 2009

Resolution No. _____

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I. Adjustment For Elevation For Pressure Higher Than Standard Delivery Pressure

In cases where gas is metered to customers through positive displacement meters at a pressure higher than the standard delivery pressure (7 inch), the metered volume shall be corrected, at the temperature existing in the meter, to a standard pressure of 14.73 pounds per square inch absolute. The Utility shall, as appropriate, correct for deviation from Boyle's Law. In correcting the metered gas volume to the standard pressure, the barometric pressure assumed to exist at the meter for various elevation zones shall be taken from the following table:

Standard Average Barometric Pressures Of
Various Elevation Zones for Use with Above Standard Delivery
Pressure Gas Displacement Meters

<u>Elevation Zone</u>	<u>Elevation Limits Between Which Standard Barometric Pressure is to be Used (Feet)</u>	<u>Standard Barometric Pressure (Lbs. Per Sq. Inch Absol.)</u>
1	-200 - 199	14.73
2	200 - 599	14.53
3	600 - 999	14.32
4	1,000 - 1,399	14.12
5	1,400 - 1,799	13.92
6	1,800 - 2,199	13.72
7	2,200 - 2,599	13.53
8	2,600 - 2,999	13.33
9	3,000 - 3,399	13.14
10	3,400 - 3,799	12.96
11	3,800 - 4,199	12.77
12	4,200 - 4,599	12.59
13	4,600 - 4,999	12.41
14	5,000 - 5,399	12.23
15	5,400 - 5,799	12.06
16	5,800 - 6,199	11.89
17	6,200 - 6,599	11.72
18	6,600 - 6,999	11.55
19	7,000 - 7,399	11.39
20	7,400 - 7,799	11.22
21	7,800 - 8,199	11.06

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J. Conversion of Metered Volumes to Therms for Billing Other Than CNG and Utility Electric Generation

The number of therms to be billed shall be the product of the metered volume in Ccf, or if applicable, the corrected metered Ccf, and a therm multiplier. This therm multiplier for meters registering in units of Ccf shall be determined by dividing the average heating value by 1000.

The Btu factor for each Btu district will be determined monthly by dividing the average heating value of deliveries to that Btu district by 1,000. The average heating value in the Btu district is based upon the 4-week period ending on the second Tuesday of a 4-Tuesday month, or the 5-week period ending on the third Tuesday of a 5-Tuesday month. This Btu factor shall be used for all billing cycles of the next revenue month.

Where the Utility has a meter device that automatically gathers and records daily or more frequent consumption information, the Utility may apply appropriate district daily or more frequent heating values in determining the customer's bill, rather than a monthly average heating value.

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K. Conversion of Metered Volumes to Therms for Billing of CNG

Compressed gas service under Schedule G-NGV is only provided by a SDG&E refueling station which delivers CNG at approximately 3,000 pounds per square inch through a dispensing unit and a mass flowmeter. The number of therms will be compiled from a Summary of Transactions recorded by the dispensing unit for the customer during the month.

L. Conversion of Metered Volumes for Billing of Utility Electric Generation

The number of therms to be billed shall be the product of the metered volume in Mcf delivered during each billing period for each service location times the conversion factor. The conversion factor will be determined monthly by dividing the average heating value in Btu per cubic foot (dry basis) for each service location by 100. The metered Mcf of gas delivered during each billing period is determined in accordance with other provisions of Rule 2.

M. The Utility reserves the right to refuse gas service to:

1. Any customer whose fuel requirements impose demands only at times which are coincidental with the period of extreme seasonal peak demands on the Utility's system.
2. Any premises for standby purposes. Utility will notify the Commission whenever a denial of service is contemplated.

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N. Standby Service to Bypass Customers

1. A Bypass customer will be put on standby service if it meets the conditions specified in Rule 1 for standby service.
2. To the extent a Bypass customer requests a new service line or meter from the Utility for standby service as defined in Rule 1, the Utility will install the service line or meter at the customer's expense. The customer will be subject to a usage evaluation if it uses no transportation service from the Utility for any consecutive 24-month period.

O. Special Facilities

1. Special facilities are considered to be existing, enlarged or new facilities installed and/or used by the utility at the applicant's request in addition to, as enlargements of, as alternate to, or in substitution for, the standard facilities which the utility would normally install or use and which represent additional costs to the utility over normally installed facilities. Except where provided by rate schedule, installation of special facilities will be made, provided the type of special facilities requested is acceptable to the utility and the utility agrees to the installation of the special facilities, under the following conditions:

- a. The applicant for special facilities is also an applicant for permanent natural gas service or is a customer for permanent natural gas service at the same location.
- b. The applicant will execute a contract covering the installation of special facilities. In addition to providing for the payment of charges as determined under a regularly filed rate schedule, the contract will provide for the following:

- (1) A monthly perpetuity charge shall be paid by applicant for the special facilities:

<u>Type of Facility</u>	<u>Monthly Charge</u>
Transmission	1.73 percent
Distribution	1.57 percent

These rates remain subject to further adjustment and/or refund, with interest, pending Commission review of compliance with Commission Decision No. 88-01-061, pursuant to Ordering Paragraph 14 thereof.

- (2) The payment of the net amount of the sum of the estimated installed cost of the special facilities added, plus the estimated cost of removal of these special facilities less the estimated salvage value of removable materials. This payment will be made in the event that applicant terminates the use of the special facilities at any time within five years immediately following the date the special facilities are ready for service to applicant.

2. Contracts for Special Facilities.

Applicant requesting special facilities will be required to execute a written contract prior to Utility performing its work to install or dedicate special facilities. The general form of such contract shall be on file with the Commission.

Contracts for special facilities executed by applicants prior to January 1, 1984 shall remain in effect until terminated under the terms of said contracts or by order of the Commission.

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