

AVISTA CORPORATION  
dba Avista Utilities

RULE NO. 2

DESCRIPTION OF SERVICE

A. Kind and Heating Value

Gas supplied by the Company will be natural gas having the following average heating values that may be expected to fluctuate not more than plus or minus three percent.

Southern Oregon Division, excluding Klamath Falls	985 Btu per cubic foot	(C)
Klamath Falls	1,065 Btu per cubic foot	
La Grande and Baker	1,055 Btu per cubic foot	

B. Pressure

The regular delivery pressure will be approximately seven inches of water column.

Where gas is served at pressures above the regular pressure through positive displacement meters, the metered volume shall be corrected to a standard pressure of 14.73 pounds per square inch absolute (psia).

(T)

C. Determination of Therms to be Billed

1. Average Natural Gas Heating Value

All natural gas is supplied under rate schedules based on therms. The number of therms delivered to the customer will be determined by the conversion of volumetric measurements. The conversion of volumetric measurements to therms will be based on the actual Btus delivered on a daily basis. For customers on transportation schedules or special contracts that deliver gas daily to the Company, the daily heating value reported by the pipeline(s) delivering gas to the Company's distribution system will be used.

2. Positive Displacement Metering

a. General Service Accounts Supplied at Regular Delivery Pressure

The therm multiplier for general service accounts metered at regular delivery pressure will be developed from the average natural gas heating value as indicated in Section C.1. above, expressed in Btu per cubic foot divided either by 1,000 for meter registrations in units of 100 cubic feet

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## RULE NO. 2 (continued)

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or by 100 for registrations in units of 1,000 cubic feet and the result multiplied by the proper combined altitude and delivery pressure adjustment value and by the temperature adjustment value.

The combined altitude and delivery pressure adjustment to be used for each district will be as follows:

Roseburg	1.0036
Myrtle Creek	.9893
Grants Pass	.9893
Medford	.9758
Ashland	.9486
Klamath Falls	.8841
La Grande	.9221
Baker	.9092

The temperature adjustment factor will be based on the actual temperature incurred for each district. The temperature adjustment factor will not be applied to any volumes recorded or meters with automatic temperature compensation.

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The number of therms to be billed will be determined by multiplying the difference in meter readings by the therm multiplier.

## b. All Other Accounts

## (1) Therm Multiplier

The therm multiplier for all other accounts will be equal to the average natural gas heating value, expressed in Btu per cubic foot, divided either by 1,000 for meter registrations in units of 100 cubic feet or by 100 for registrations in units of 1,000 cubic feet.

## (2) Adjustment for Delivery Pressure and Altitude

The metered volume of gas will be adjusted for the effects of altitude and delivery pressure to a standard pressure base of 14.73 psia. In adjusting to 14.73 psia, the standard barometric pressure assumed to exist at meter altitudes will be taken from the following table.

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Altitude Zone Number	Elevation Limits Between Which Standard Barometric Pressure is to be Used (Feet)	Standard Barometric Pressure (psia)
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	11.71
18	6,600 : 6,999	11.54

(3) Adjustment for Gas Supercompressibility

For delivery pressures higher than 5 psig, the volume determined under Section C.2.b.(2) above will be further adjusted for the supercompressibility effect on any gas metered at these higher gas pressures. Such adjustments will correct for deviations from Boyle's Law and Charles' Law in accordance with the latest applicable publication of the American Gas Association.

(4) Adjustment for Gas Temperature

When average usage exceeds 10,000 therms per month and when the temperature of the gas so measured varies from 60°F to such an extent as to materially effect charges therefore, adjustment to a standard temperature base of 60°F will be made.

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RULE NO. 2 (continued)

DESCRIPTION OF SERVICE

(5) Therms to be Billed

The number of therms to be billed to a customer will be determined from the metered volume of gas, the application of the therm multiplier and such other adjustments that may apply as indicated herein.

3. Orifice Metering

When orifice meters are used, the gas volume in Mcf used for billing will be at 60°F and 14.73 psia. This volume times the therm multiplier (as indicated in C.2.b.(1) above) will determine the number of therms for billing purposes. The volume of natural gas delivered will be calculated in accordance with the latest applicable publications of the American Gas Association.

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