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Note on Heating Value

Unless otherwise stated, gas sales volume is shown at the unit value of 45MJ/m³.

Forward-Looking Statements

Statements contained in this annual report with respect to the Osaka Gas Group's plans, strategies, and beliefs that are not historical facts are forward-looking statements about the future performance of the Osaka Gas Group which are based on management's assumptions and beliefs in light of the information currently available to it. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause the Osaka Gas Group's actual results, performance, or achievements to differ materially from the expectations expressed herein.

Unit Conversion List

Weight

kg	metric ton	imperial (short) ton	U.S. (long) ton
1	1×10 ⁻³	0.984×10 ⁻³	1.102×10 ⁻³
1,000	1	0.9842	1.1023
1,016.0	1.0160	1	1.1200
907.19	0.9072	0.8927	1

Length

m	ft	yard	mile
1	3.2808	1.0936	0.622×10 ⁻³
0.3048	1	0.333	0.189×10 ⁻³
0.9144	3	1	0.568×10 ⁻³
1,609	5,280	1,760	1

Volume (Liquid)

m ³ (kl)	ft ³	imperial gallon	U.S. gallon
1	35.315	219.97	264.17
28.32×10 ⁻³	1	6.288	7.481
4.55×10 ⁻³	0.1606	1	1.2011
3.78×10 ⁻³	0.1337	0.8327	1

1kl = 6.29 barrels, 1 barrel (42 U.S. gallons)=0.159kl

Volume (Gas)

m ³ (n)	m ³ (s)	SCF
1	1.055	37.33
0.9476	1	35.37
0.0268	0.0283	1

n: 0°C, S: 15°C, SCF: 101.33kPa, 15.5°C (60°F)

Energy

kcal	Btu	MJ	kWh
1	3.969	4.186×10 ⁻³	1.162×10 ⁻³
0.2520	1	1.055×10 ⁻³	0.2929×10 ⁻³
238.9	948.2	1	0.2778
860.1	3,414	3.600	1

Heating Value (Gas)

kcal/m ³ (n)	Btu/SCF	MJ/m ³ (s)
1	0.1063	3.97×10 ⁻³
9.406	1	3.73×10 ⁻²
252.1	26.81	1

1 ton of LNG = 13×10⁶kcal = 52×10⁶ Btu