

NEB Conversion and Abbreviation Tables¹

ABBREVIATION TABLE

Prefixes Equivalent

k	kilo	10 ³
M	mega	10 ⁶
G	giga	10 ⁹
T	tera	10 ¹²
P	peta	10 ¹⁵
E	exa	10 ¹⁸

IMPERIAL/METRIC CONVERSION TABLE

Physical Units Equivalent

m metre	3.28 feet
m ³ cubic metres	6.3 barrels (oil, LPG)
	35.3 cubic feet (gas)
L litre	0.22 imperial Gallon
t metric tonne	2200 pounds
bbbl barrel (oil, LPG)	0.159 m ³

ENERGY CONTENT TABLE

Energy Measures

GJ gigajoule

PJ petajoules

Energy content

0.95 million BTU

Electricity

MW megawatt

GWh gigawatt hour

TWh terawatt hour

Energy content

3600 GJ

3.6 PJ

Natural Gas

Mcf thousand cubic feet

Bcf billion cubic feet

Tcf trillion cubic feet

Energy content

1.05 GJ

1.05 PJ

1.05 EJ

Natural Gas Liquids

m³ Ethane

m³ Propane

m³ Butanes

Energy content

18.36 GJ

25.53 GJ

28.62 GJ

¹ From National Energy Board, *Canadian Energy Supply and Demand to 2025*, Calgary, 1999, ISBN 0-662-27950-6

Crude Oil **Energy content**

m ³ Light	38.51 GJ
m ³ Heavy	40.90 GJ
m ³ Pentanes Plus	35.17 GJ

Coal **Energy content**

t Anthracite	27.70 GJ
t Bituminous	27.60 GJ
t Sub-bituminous	18.80 GJ
t Lignite	14.40 GJ

Petroleum Products **Energy content**

m ³ Aviation Gasoline	33.52 GJ
m ³ Motor Gasoline	34.66 GJ
m ³ Petrochemical Feedstock	34.17 GJ
m ³ Naphtha Specialties	35.17 GJ
m ³ Aviation Turbo Fuel	35.93 GJ
m ³ Kerosene	37.68 GJ
m ³ Diesel	38.68 GJ
m ³ Light Fuel Oil	38.68 GJ
m ³ Lubes and Greases	39.16 GJ
m ³ Heavy Fuel Oil	41.73 GJ
m ³ Still Gas	41.73 GJ
m ³ Asphalt	44.46 GJ
m ³ Petroleum Coke	42.38 GJ
m ³ Other Products	39.82 GJ

Other Fuels **Energy Content**

m ³ methanol	15.60 GJ
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