

Residential Energy Cost Comparison

The costs of various forms of energy are calculated in several different ways. This can make it difficult for consumers to compare the actual cost of the energy fuel they are using. The following information compares the retail prices of various forms of energy on an equal basis.

Average BTU* content for various energy fuels:

Natural Gas	100,000 Btu per Therm	
Kerosene	135,000 Btu per Gallon	
Propane Gas (LP)	91,500 Btu per Gallon	
Electricity	3,413 Btu per Kilowatt Hour	(KWH)

Amount of fuel required to obtain one million Btu:

Natural Gas	10 Therms	per million Btu
Kerosene	7.4 Gallons	per million Btu
Propane Gas (LP)	11 Gallons	per million Btu
Electricity	293 KWH	per million Btu

Form of Energy	Units to obtain one million BTU	Substitute your present cost **	Cost per Million BTU
Natural Gas	10 Therms	x \$0.87 (Heat Only Rate)	\$8.68
Natural Gas	10 Therms	x \$0.74 (Year Round Rate)	\$7.43
Propane Gas (LP)	11 Gallons	x \$3.22	\$35.42
Electricity	293 KWH	x \$0.12	\$35.16

* Btu stands for British Thermal Unit.

** Costs shown reflect local energy prices as of

November 2024