

ENERGY COST CALCULATOR

Enter the costs in Column E below for the various fuels in your area, or just use the numbers already listed.

FUEL	ENERGY CONTENT	UNIT PRICE	HEAT CONVERSION EFFICIENCY	COST PER MILLION BTU
Kerosene	134,000 BTU/gal	\$2.75 /gal	78 %	\$26.31
#2 Fuel Oil	138,000 BTU/gal	\$2.50 /gal	78	\$23.23
Propane	92,000 BTU/gal	\$2.15 /gal	78	\$29.96
Natural Gas	100,000 BTU/therm	\$1.15 /therm*	78	\$14.74
Electricity - Resistance	3,412 BTU/kWh	\$0.11 /kWh**	100	\$32.24
Electricity - Heat Pump	3,412 BTU/kWh	\$0.11 /kWh**	200	\$16.12
Coal	13,200 BTU/lb	\$300.00 /ton	75	\$15.15
Firewood-Hardwood	25,000,000 BTU/cord	\$250.00 /cord	50	\$20.00
Wood Pellets	8,200 BTU/lb	\$225.00 /ton	80	\$17.15
Shelled Corn	6,800 BTU/lb	\$4.00 /bushel	80	\$13.13

* Enter the price of natural gas as the price per therm. If your price for natural gas is based on \$ per 1,000 cubic feet, divide that number by 10 to enter above. For example, if your cost for natural gas is \$14.00 per 1,000 cubic feet, then divide by 10 and enter \$1.40 as your price per therm.

** Enter the price of electricity in dollars. An electricity price of 9 cents per kWh, for example, needs to be entered as \$0.09.



ENERGY COST COMPARISONS, \$/Million BTU

\$0 \$5 \$10 \$15 \$20 \$25 \$30 \$35

