

## Energy, Costs of Heating Sources

<b>Energy Source</b>	<b>Energy Content (BTU/unit)</b>	<b>Typical Price, \$ per unit</b>	<b>\$ per 1,000,000 BTU</b>	<b>Typical Efficiency (%)</b>	<b>Typical cost</b>
Gasoline	124,300 BTU/gal.	\$2.00/gal.	\$16.09	25	\$64
Fuel Oil	138,800 BTU/gal.	\$2.80/gal.	\$20.17	80	\$25
LP Gas	92,300 BTU/gal.	\$2.40/gal.	\$26.00	90	\$29
Electricity	3,413 BTU/kwh.	\$0.07 kwh	\$20.51	100	\$20
Coal	12,000 BTU/lb.	\$150/ton	\$6.25	50	\$13
Corn	8,000 BTU/lb.	\$4/bu.	\$9.00	50	\$18
Wood (Hard)	30,000,000 BTU/cord	\$100/cord	\$3.30	40	\$8
Natural Gas	1,000 BTU/ft <sup>3</sup>	\$6.76/1,000 cu. ft	\$6.76	90	\$8
Ethyl Alcohol	85,000 BTU/gal.	\$1.85/gal.	\$21.76	25	\$80

**Notes:** Gasoline and Ethyl Alcohol are included only for comparison.  
Soft wood (pine) has half the heating value of hardwood

*Source: Randall Reeder, Ohio State University Extension*