



## Fuel Cost Comparison

Fuel Type	Fuel Cost in \$ per Unit	Efficiency in Percent*	Price in \$ per Useful Therm**	Estimated annual cost***
Electric Furnace	.17/kWh	95	5.23	\$3,661
Propane Furnace	2.70/gal	80	3.67	\$2,569
Oil Furnace	2.40/gal	80	2.14	\$1,498
Natural Gas Furnace	1.48/therm	80	1.85	\$1,295
Heat Pump	.17/kWh	190	2.62	\$1,834
High Efficiency Gas Furnace	1.48/therm	85	1.73	\$1,211
Wood Stove	300/cord	85	1.76	\$1,232
Wood Pellets	.10/lb. (200/ton)	85	1.38	\$966
<b>Beyer Renewable Fuels Pellets</b>	<b>.10/lb. (200/ton)</b>	<b>85</b>	<b>1.07</b>	<b>\$749</b>
<b>Beyer Renewable Fuels Heat Blocks</b>	<b>.10/lb. (200/ton)</b>	<b>85</b>	<b>1.07</b>	<b>\$749</b>

\* Useful therm prorates efficiency.

\*\* 1 therm= 100,000 BTU

\*\*\* Model based on 1,800 sf home with annual heat demand of 700 therms

### Fuel Equivalents:

Electric	3,415 BTU/kWh
Propane	92,000 BTU/gallon
Fuel Oil	140,000 BTU/gallon
Natural Gas	1,000,000 BTU/Mcf
Heat Pump	190% efficient average C.O.P. 1.9 @ 47 degrees F
Cord Wood	6,400 BTU/lb.
Wood Pellets	8,500 BTU/lb. @ 8% moisture (17,000,000 BTU/ton)
<b>Beyer Renewable Fuel Pellets</b>	<b>11,000 BTU/lb. (22,000,000 BTU/ton)</b>
<b>Beyer Renewable Fuel Heat Blocks</b>	<b>11,000 BTU/lb. (2.2 therm per 20 lb. block)</b>

Note: Prices and BTU values are approximate and may vary based upon location, product composition, and moisture content.

*For more information, visit us online at [Beyerrenewablefuels.com](http://Beyerrenewablefuels.com)*