



Fuel Price Comparison

To find equivalent cost of any fuel, select a price for a fuel, then follow the grid across.

Electric Geothermal Heat Pump COP = 3.5	Electric Air Source Heat Pump COP = 2.5	Electric Resistance Heat COP = 1.0	Propane Furnace AFUE = 95%	Natural Gas Furnace AFUE = 95%
per kWh	per kWh	per kWh	per Gallon	per Therm
\$0.2894	\$0.2067	\$0.0827	\$2.0000	\$2.1800
\$0.2180	\$0.1557	\$0.0623	\$1.5000	\$1.6400
\$0.1604	\$0.1146	\$0.0458	\$1.1100	\$1.2100
\$0.1447	\$0.1034	\$0.0413	\$1.0000	\$1.0900
\$0.1150	\$0.0821	\$0.0329	\$0.7900	\$0.8700
\$0.0900	\$0.0643	\$0.0257	\$0.6200	\$0.6800
\$0.0641	\$0.0458	\$0.0183	\$0.4400	\$0.4800
\$0.0578	\$0.0413	\$0.0165	\$0.4000	\$0.4400
\$0.0458	\$0.0327	\$0.0131	\$0.3200	\$0.3500
\$0.0413	\$0.0295	\$0.0118	\$0.2800	\$0.3100

Example: Using a geothermal heat pump on Linn County Rural Electric Cooperative's Heat Plus Rate of 4.58 cents per kWh, you would have to purchase propane at 32 cents per gallon or natural gas at 35 cents per therm.