

MTNG


Fuel Cost Comparison

Nov-25

Compare costs to purchase the same amount of heat using different energy sources.

<u>Fuel</u>	<u>Average Price</u> As sold to the public	<u>Price per MMBTU</u> The cost to get the same amount of heat
Natural Gas	\$0.805 per Therm	\$8.05
Electricity	\$0.103 per KWH	\$30.16
Propane	\$3.599 per Gallon	\$39.21
Kerosene	\$8.999 per Gallon	\$66.66
Gasoline	\$2.619 per Gallon	\$20.95
Coal	\$96.23 per Ton	\$4.18

Annual Operating Costs of Typical Household Appliances



Water Heater

Average Energy Use
Operating Cost
Natural Gas
277 Therms
\$222.99

Electric

5,670 KWH

\$583.67

Annual Savings using Gas
\$360.68

Over the projected 13-year life of the water heater that adds up to a savings of \$4,688.90



Range

Average Energy Use
Operating Cost
Natural Gas
42 Therms
\$33.81

Electric

1,200 KWH

\$123.53

Annual Savings using Gas
\$89.72

Natural gas is cleaner & more efficient to use directly for cooking than electricity is.



Clothes Dryer

Average Energy Use
Operating Cost
Natural Gas
40 Therms
\$32.20

Electric

1,000 KWH

\$102.94

Annual Savings using Gas
\$70.74

Average household does 270-280 loads of laundry per year. Cost per load: Natural Gas \$0.12 vs. Electric \$0.37

OTHER Natural Gas Appliances

Operating Cost

Logs & Inserts	120-360 Therms	\$97 - \$290	based on 600-hours per year
Space Heaters	240-480 Therms	\$193 - \$386	avg. 800-hours of heating
Gas Lights	144-216 Therms	\$116 - \$174	year-round appliance
Gas Grills	20 Therms	\$16	less than 600-hours per year

Source of Fuel Price Data:

Natural Gas: MTNG November 2025 Rates w/ 100 Therms Monthly Usage
 Electricity: Caney Fork Electric Cooperative November 2025 Residential Rates
 Propane: Tractor Supply Company, Smithville, TN 11/3/2025
 Kerosene: Mapco, Smithville, TN 11/3/2025
 Gasoline: Mapco, Smithville, TN 11/3/2025
 Coal: EIA Annual Coal Report 10/30/24

Monthly Customer Charges

\$9

\$31.96

NOTE: These charges are not included in fuel cost comparison calculations.