

MTNG


Fuel Cost Comparison

Aug-26

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	\$1.040 per Therm	\$10.40
Electricity	\$0.114 per KWH	\$33.40
Propane	\$3.590 per Gallon	\$39.11
Kerosene	\$8.999 per Gallon	\$66.66
Gasoline	\$3.599 per Gallon	\$28.79
Coal	\$86.72 per Ton	\$3.77

Annual Operating Costs of Typical Household Appliances



Water Heater

Average Energy Use

Operating Cost

Natural Gas

277 Therms

\$288.08

Electric

5,670 KWH

\$646.44

Annual Savings using Gas

\$358.36

Over the projected 13-year life of the water heater that adds up to a savings of \$4,658.64



Range

Average Energy Use

Operating Cost

Natural Gas

42 Therms

\$43.68

Electric

1,200 KWH

\$136.81

Annual Savings using Gas

\$93.13

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

\$41.60

Electric

1,000 KWH

\$114.01

Annual Savings using Gas

\$72.41

Average household does 270-280 loads of laundry per year. Cost per load: Natural Gas \$0.15 vs. Electric \$0.41

OTHER Natural Gas Appliances

Operating Cost

Logs & Inserts	120-360 Therms	\$125 - \$374	based on 600-hours per year
Space Heaters	240-480 Therms	\$250 - \$499	avg. 800-hours of heating
Gas Lights	144-216 Therms	\$150 - \$225	year-round appliance
Gas Grills	20 Therms	\$21	less than 600-hours per year

<u>Source of Fuel Price Data:</u>	<u>Monthly Customer Charges</u>
Natural Gas: MTNG August 2026 Rates w/ 100 Therms Monthly Usage	\$9
Electricity: Caney Fork Electric Cooperative August 2026 Residential Rates	\$31.96
Propane: Tractor Supply Company, Smithville, TN 08/03/2026	NOTE: These charges are not included in fuel cost comparison calculations.
Kerosene: Mapco, Smithville, TN 08/03/2026	
Gasoline: Mapco, Smithville, TN 08/03/2026	
Coal: EIA Annual Coal Report 11/19/2025	