



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	\$0.975 per Therm	\$9.75
Electricity	\$0.109 per KWH	\$31.96
Propane	\$3.299 per Gallon	\$35.94
Kerosene	\$8.999 per Gallon	\$66.66
Gasoline	\$2.399 per Gallon	\$19.19
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

\$270.08

Electric

5,670 KWH

\$618.48

Annual Savings using Gas

\$348.41

Over the projected 13-year life of the water heater that adds up to a savings of \$4,529.31



Range

Average Energy Use

Operating Cost

Natural Gas

42 Therms

\$40.95

Electric

1,200 KWH

\$130.90

Annual Savings using Gas

\$89.95

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

\$39.00

Electric

1,000 KWH

\$109.08

Annual Savings using Gas

\$70.08

Average household does 270-280 loads of laundry per year. Cost per load: Natural Gas \$0.14 vs. Electric \$0.40

OTHER Natural Gas Appliances

Operating Cost

Logs & Inserts	120-360 Therms	\$117 - \$351	based on 600-hours per year
Space Heaters	240-480 Therms	\$234 - \$468	avg. 800-hours of heating
Gas Lights	144-216 Therms	\$140 - \$211	year-round appliance
Gas Grills	20 Therms	\$20	less than 600-hours per year

Source of Fuel Price Data:

Natural Gas: MTNG February 2026 Rates w/ 100 Therms Monthly Usage
 Electricity: Caney Fork Electric Cooperative February 2026 Residential Rates
 Propane: Tractor Supply Company, Smithville, TN 02/02/2026
 Kerosene: Mapco, Smithville, TN 02/02/2026
 Gasoline: Mapco, Smithville, TN 02/02/2026
 Coal: EIA Annual Coal Report 11/19/2025

Monthly Customer Charges

\$9

\$31.96

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