

MTNG


Fuel Cost Comparison

May-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	\$0.935 per Therm	\$9.35
Electricity	\$0.108 per KWH	\$31.73
Propane	\$3.999 per Gallon	\$43.56
Kerosene	\$8.999 per Gallon	\$66.66
Gasoline	\$2.659 per Gallon	\$21.27
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
\$259.00

Electric

5,670 KWH

\$614.06

Annual Savings using Gas
\$355.07

Over the projected 13-year life of the water heater that adds up to a savings of \$4,615.86



Range

Average Energy Use
Operating Cost
Natural Gas
42 Therms
\$39.27

Electric

1,200 KWH

\$129.96

Annual Savings using Gas
\$90.69

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
\$37.40

Electric

1,000 KWH

\$108.30

Annual Savings using Gas
\$70.90

Average household does 270-280 loads of laundry per year. Cost per load: Natural Gas \$0.14 vs. Electric \$0.39

OTHER Natural Gas Appliances

Operating Cost

Logs & Inserts	120-360 Therms	\$112 - \$337	based on 600-hours per year
Space Heaters	240-480 Therms	\$224 - \$449	avg. 800-hours of heating
Gas Lights	144-216 Therms	\$135 - \$202	year-round appliance
Gas Grills	20 Therms	\$19	less than 600-hours per year

Source of Fuel Price Data:

Natural Gas: MTNG May 2025 Rates w/ 100 Therms Monthly Usage
 Electricity: Caney Fork Electric Cooperative May 2025 Residential Rates
 Propane: Tractor Supply Company, Smithville, TN 5/1/2025
 Kerosene: Mapco, Smithville, TN 5/1/2025
 Gasoline: Mapco, Smithville, TN 5/1/2025
 Coal: EIA Annual Coal Report 10/30/24

Monthly Customer Charges

\$9

\$30.46

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