



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	\$0.840 per Therm	\$8.40
Electricity	\$0.111 per KWH	\$32.63
Propane	\$3.599 per Gallon	\$39.21
Kerosene	\$8.999 per Gallon	\$66.66
Gasoline	\$2.559 per Gallon	\$20.47
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

\$232.68

Electric

5,670 KWH

\$631.47

Annual Savings using Gas

\$398.79

Over the projected 13-year life of the water heater that adds up to a savings of \$5,184.24



Range

Average Energy Use

Operating Cost

Natural Gas

42 Therms

\$35.28

Electric

1,200 KWH

\$133.64

Annual Savings using Gas

\$98.36

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

\$33.60

Electric

1,000 KWH

\$111.37

Annual Savings using Gas

\$77.77

Average household does 270-280 loads of laundry per year. Cost per load: Natural Gas \$0.12 vs. Electric \$0.40

OTHER Natural Gas Appliances

Operating Cost

Logs & Inserts	120-360 Therms	\$101 - \$302	based on 600-hours per year
Space Heaters	240-480 Therms	\$202 - \$403	avg. 800-hours of heating
Gas Lights	144-216 Therms	\$121 - \$181	year-round appliance
Gas Grills	20 Therms	\$17	less than 600-hours per year

Source of Fuel Price Data:

Natural Gas:	MTNG September 2025 Rates w/ 100 Therms Monthly Usage
Electricity:	Caney Fork Electric Cooperative September 2025 Residential Rates
Propane:	Tractor Supply Company, Smithville, TN 9/12/2025
Kerosene:	Mapco, Smithville, TN 9/12/2025
Gasoline:	Mapco, Smithville, TN 9/12/2025
Coal:	EIA Annual Coal Report 10/30/24

Monthly Customer Charges

Natural Gas:	\$9
Electricity:	\$30.46
NOTE: These charges are not included in fuel cost comparison calculations.	