



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	\$1.045 per Therm	\$10.45
Electricity	\$0.112 per KWH	\$32.72
Propane	\$3.990 per Gallon	\$43.46
Kerosene	\$8.999 per Gallon	\$66.66
Gasoline	\$3.899 per Gallon	\$31.19
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	\$289.47
Electric	5,670 KWH	\$633.11

Annual Savings using Gas
\$343.65

Over the projected 13-year life of the water heater that adds up to a savings of \$4,467.41



Range	Average Energy Use	Operating Cost
Natural Gas	42 Therms	\$43.89
Electric	1,200 KWH	\$133.99

Annual Savings using Gas
\$90.10

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	\$41.80
Electric	1,000 KWH	\$111.66

Annual Savings using Gas
\$69.86

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 - \$376 based on 600-hours per year
Space Heaters	240-480 Therms	\$251 - \$502 avg. 800-hours of heating
Gas Lights	144-216 Therms	\$150 - \$226 year-round appliance
Gas Grills	20 Therms	\$21 less than 600-hours per year

Source of Fuel Price Data:	Monthly Customer Charges
Natural Gas: MTNG May 2026 Rates w/ 100 Therms Monthly Usage	\$9
Electricity: Caney Fork Electric Cooperative May 2026 Residential Rates	\$31.96
Propane: Tractor Supply Company, Smithville, TN 05/01/2026	
Kerosene: Mapco, Smithville, TN 05/01/2026	
Gasoline: Mapco, Smithville, TN 05/01/2026	
Coal: EIA Annual Coal Report 11/19/2025	

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