MTNG Fuel Cost Comparison Nov-26

Compare costs to purchase the same amount of heat using different energy sources.

Fuel	Average Price As sold to the public	Price per MMBTU The cost to get the same amount of heat
Natural Gas	$1.040 per Therm	$10.40
Electricity	$0.110 per KWH	$32.13
Propane	$4.190 per Gallon	$45.64
Kerosene	$8.999 per Gallon	$66.66
Gasoline	$3.799 per Gallon	$30.39
Coal	$86.72 per Ton	$3.77

Annual Operating Costs of Typical Household Appliances



Water Heater	Average Energy Use	Operating Cost	Annual Savings using Gas
Natural Gas	277 Therms	$288.08	$333.69
Electric	5,670 KWH	$621.77	

Over the projected 13-year life of the water heater that adds up to a savings of $4,338.00



Range	Average Energy Use	Operating Cost	Annual Savings using Gas
Natural Gas	42 Therms	$43.68	$87.91
Electric	1,200 KWH	$131.59	

Natural gas is cleaner & more efficient to use directly for cooking than electricity is.



Clothes Dryer	Average Energy Use	Operating Cost	Annual Savings using Gas
Natural Gas	40 Therms	$41.60	$68.06
Electric	1,000 KWH	$109.66	

Average household does 270-280 loads of laundry per year. Cost per load: Natural Gas $0.15 vs. Electric $0.40

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

Source of Fuel Price Data:

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

Monthly Customer Charges

$9
$33.46

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