

August 2010

FUEL COST COMPARISON		
FUEL	AVERAGE PRICE	PRICE PER MM BTU
Natural Gas	\$ 1.020/Therm	\$10.20
Electricity	\$ 0.1000/KWH	\$ 29.30
Propane	\$ 2.250/Gal.	\$ 24.51
Kerosene	\$ 3.29/Gallon	\$ 24.37
Gasoline	\$ 2.59/Gallon	\$ 20.72
Coal	\$ 220.00/Ton	\$ 9.56

ANNUAL OPERATING COSTS OF TYPICAL HOUSEHOLD APPLIANCES

		<u>Average Use</u>	<u>Annual Cost</u>
<u>WATER HEATERS:</u>	Natural Gas	277 Therms	\$ 282.54
	Electric	5,670 KWH	\$ 567.00
<u>CLOTHES DRYERS:</u>	Natural Gas	40 Therms	\$ 40.80
	Electric	1,000 KWH	\$ 100.00
<u>RANGES:</u>	Natural Gas	42 Therms	\$ 42.84
	Electric	1,200 KWH	\$ 120.00
<u>OTHER:</u>	Logs, Starters, Inserts	120 – 360 Therms	\$ 122 - \$ 367
	Space Heaters	240 – 480 Therms	\$ 245 - \$ 489
	Gas Lights	144 – 216 Therms	\$ 147 - \$ 220
	Gas Grills	20 Therms	\$ 21

Note: Annual Savings with Natural Gas = \$284.46 Lifetime Savings (13 years) = \$3,697.98

Note: Average household does 270 – 280 loads of laundry per year. Cost per load: \$0.36 Electric; \$0.15 Gas

Note: Logs, Log Starters, Inserts & Gas Grills are seasonal appliances (600 hours per year or less). Gas Lights are year-round appliances. Space heaters are based on an average of 800 hours per heating season.

SOURCE OF FUEL PRICE DATA:

- Natural Gas - MTNG Aug. 2010 Rates with 100 therms monthly usage
- Electricity - Caney Fork Electric Rates with 1300 KWH usage Aug. 2010
- Propane - Jackson Energy Authority Aug. 2010
- Kerosene - Delta Express (Smithville) Price 08/17/10 (Self delivery)
- Gasoline - Various Stations Aug. 2010
- Coal - Estimated Price – small quantity unit pricing not available