

Heating Value Comparison

| | Heating Value | Per 1 Million BTU Comparison | Average Cost | Cost per Million BTUs | Yearly Cost (110 MCF) |
|---------------------------------|-----------------|------------------------------|---------------------------|-----------------------|-----------------------|
| Natural Gas | 1000 BTU/CF | 1.00 MCF Natural Gas | \$9.33 MCF Natural Gas | \$9.33 | \$1,026.51 |
| Propane | 91,000 BTU/Gal | 10.99 Gal Propane | \$1.89 Gallon Propane | \$20.77 | \$2,284.62 |
| Fuel Oil #2 | 138,000 BTU/Gal | 7.25 Gal #2 Fuel Oil | \$2.29 Gallon #2 Fuel Oil | \$16.59 | \$1,825.36 |
| Electricity (Resistance) | 3412 BTU/KW | 293.08 KW Electricity | \$0.12 KW of Electricity | \$33.91 | \$3,730.07 |

To put this in perspective, for fuel oil to be equivalent to natural gas from an economic standpoint, it would have to cost \$1.29 per gallon. Likewise, propane and electric would have to cost \$.85/gallon and \$.03/KW.

As you can see, converting to natural gas for your heating needs can save you \$800 to \$2,700 per year. Over a 5 year period that savings can be as much as \$13,500! Additional savings can be realized by utilizing other natural gas appliances such as gas water heaters, dryers, and cook stoves.

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