

# Dual Fuel

## Electric rate: 5.1¢/kWh

Rates and heating comparisons do not reflect wholesale power cost adjustments of up to 2.5 cents per kWh from our supplier that can add to monthly energy costs. Estimated 2010 cost rider for general service rates: 2.383 cents per kWh, and zero, on average, per kWh for Energy Wise programs.

Combine two heating sources to best fit your budget and tailor your energy investment to meet your heating needs. Lake Country Power's dual fuel program offers the option to incorporate a low-cost electric heat source with an alternate heating system.

In a dual-fuel heating system, an electric heat source, such as baseboard heat, is used in conjunction with fuel oil, natural gas, propane or electric storage heat as the back-up heating system.

Dual fuel is a "controlled" electric heating program, which helps save money and conserve energy. When demand for electricity is high, the electric heat source is shut off, or controlled (up to a maximum of 400 hours per heating season) with a maximum continuous control time of 12 hours (usually 4 to 6 hours at a time). During control periods, your home's back-up heating system provides the heat you need.

### Program requirements:

- Any electric heating system, combined with an established alternate heat source, qualifies for the dual fuel rate.
- Wood heating or non-controlled electric heat do not qualify as a backup heat source for the dual fuel program. The backup heat source must be able to heat your entire home or business for a period of up to 12 hours.

Plenum heaters are installed with gas or oil furnaces to qualify for the dual fuel rate.



Courtesy Electro Industries



Electric boilers heat the in-floor tubing or hot water baseboards.

### Home Heating Cost Comparison

Propane	Dual Fuel 5.1¢/kWh electricity
70% Efficient (standard unit)	Equivalent to 96¢ propane (per gal.)
90% Efficient (high efficiency unit)	Equivalent to \$1.23 propane (per gal.)
Fuel Oil	5.1¢/kWh electricity
60% Efficient (standard unit)	Equivalent to \$1.24 fuel oil (per gal.)
80% Efficient (high efficiency unit)	Equivalent to \$1.65 fuel oil (per gal.)

A list of HVAC contractors and electricians can be found at [www.lakecountrypower.coop](http://www.lakecountrypower.coop).

Call your local Lake Country Power service center or visit [www.lakecountrypower.coop](http://www.lakecountrypower.coop) for more information:



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\*This program may require an additional meter.