

# DUAL FUEL HEATING

## PROGRAM GUIDE

### DUAL FUEL HEATING RATE 65 / RATE 64

**This program requires an adequate automatic backup heating system.** It is time to go dual fuel. Especially if you are heating with fuel oil, natural gas or propane. By adding electric – such as a plenum heater, air-source heat pump, electric boiler, in-floor or electric baseboard – as your primary heat source and keeping fossil fuels as backup, you'll save money and avoid fluctuating fuel costs. The dual fuel program combines two heating sources – electric and fossil fuel – to best fit your budget and tailor your energy investment to meet your heating needs.

#### The Basic Overview

Dual fuel is offered at a reduced electric rate because it is a controlled heating program. When demand for electricity is high, the electric heat source is “shut off” or controlled, and a secondary or backup source of heat automatically “turns on”.

#### System Requirements

Lake Country Power must have a way to turn on and off or “control” your electric heating, and you must have your system(s) properly wired to a separate meter. LCP will install a DRU (demand response unit) to be programmed for the load management control strategy.

- This program requires an adequate automatic backup heating system.
- The backup heating source must start automatically during control periods.

#### Home Heating Cost Comparison: Dual Fuel

Propane	Dual Fuel 7.08¢/kWh electricity
70% Efficient (standard unit)	Equivalent to \$1.33 propane (per gal.)
90% Efficient (high efficiency unit)	Equivalent to \$1.71 propane (per gal.)
Fuel Oil	7.08¢/kWh electricity
60% Efficient (standard unit)	Equivalent to \$1.72 fuel oil (per gal.)
80% Efficient (high efficiency unit)	Equivalent to \$2.30 fuel oil (per gal.)

- A separate meter socket wired by a qualified electrician.

#### \*Primary qualifying automatic backup systems:

The backup heat source must be adequate to heat your entire home, business or intended spaces for a control period of up to 12 hours; maximum 400 hours per season.

- A fossil fuel source of your choice (natural gas, propane or fuel oil) is permitted.
- An electric off-peak system (concrete slab or Electric Thermal Storage (ETS)) is permitted.
- Solid fuels such as wood, wood pellets and coal are not permitted as primary backup.
- Portable electric heaters and an electric fireplace are not permitted as primary backup.
- Water heating is not allowed on this metered program.

LCP strongly recommends you test your backup and fill your fuel tank before the winter heating season begins. This will ensure your backup heating system is ready during control times.

#### Special Note

With your SmartHub account you can turn on load control notifications and get a text and/or email alert if load control is planned that day.

#### Rebates & Rates

Rebates may be available. Visit [www.lakecountrypower.coop](http://www.lakecountrypower.coop) for more information or call 800-421-9959 (press 6).