

# ELECTRIC WATER HEATING

## 8-HOUR INTERRUPTIBLE WATER HEATING - RATE 61

You and your family can enjoy hot water and save money by using energy-efficient water heating strategies with a Lake Country Power load management program. We have two options available to fit your household needs, the 8-hour interruptible water heating program, or the off-peak water heating program.

Lake Country Power stocks and sells Marathon® brand electric water heaters, which is a perfect match for either water heating program.

The energy used on these programs is metered separately and that energy is billed at a lower rate per kilowatt-hour than the general service rate.

The 8-hour interruptible program is a load control program allowing Lake Country Power the ability to shut off the water heater when the demand for electricity is high, up to 8 hours at a time. Lake Country Power requires a water heater with a minimum capacity of 50 gallons or more to participate.

This program is great for cabins, homes and businesses with limited space. Larger tank sizes may be required for large families.

### System Requirements

Lake Country Power must have a way to turn on and off or “control” your water 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.

- 50-gallon capacity electric water heater (or larger).
- A separate meter socket wired by a qualified electrician.

### 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.

### MARATHON WATER HEATERS FEATURE:

- Innovative shape and design
- Tough molded outer shell resists dents and scratches
- Seamless, blow-molded polybutylene tank that's impervious to rust & corrosion
- Envirofoam® insulation free of ozone-depleting CFCs and HCFCs, so it saves the planet and saves energy
- 100% clean energy



### Standard Dual Element Models

Model	Gallon Capacity	Element Wattage	Recovery @90°F Gal./Hr	First Hour Rating	Energy Factor	Nominal Dimensions			Shipping Weight
						A	B	C	
MR50245	50	4500/4500	21.0	54 gal.	.95	23.5"	62.75"	66.75"	100 lbs.
MR85245	85	4500/4500	20.0	91 gal.	.92	28.25"	66.25"	70.25"	134lbs.

Notes: 240 Volt AC single phase, standard

Maximum test pressure: 300 PSI  
Maximum working pressure: 150 PSI

### Rebates & Rates

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

### Water Heating Cost Comparison (8-hour Interruptible)

Propane	8-Hour 6.25¢/kWh electricity
70% Efficient (standard unit)	Equivalent to \$1.17 propane (per gal.)
90% Efficient (high efficiency unit)	Equivalent to \$1.51 propane (per gal.)
Fuel Oil	6.25¢/kWh electricity
60% Efficient (standard unit)	Equivalent to \$1.52 fuel oil (per gal.)
80% Efficient (high efficiency unit)	Equivalent to \$2.02 fuel oil (per gal.)



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