

# ELECTRIC WATER HEATING

## 8-HOUR INTERRUPTIBLE WATER HEATING

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 7.22¢/kWh electricity             |
|--------------------------------------|--|
| 90% Efficient (high efficiency unit) | Equivalent to \$1.85 propane (per gal.)  |
| Fuel Oil                             | 7.22¢/kWh electricity                    |
| 80% Efficient (high efficiency unit) | Equivalent to \$2.48 fuel oil (per gal.) |



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*This voluntary load management program may be changed, modified, or discontinued at any time without prior notice. Lake Country Power reserves the sole discretion to adjust participation requirements and program terms as needed.*