

# ELECTRIC WATER HEATING

## OFF-PEAK WATER HEATING RATE 62

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 off-peak program provides a low-cost water heating option for your home or business. A minimum of a 100-gallon electric water heater is required. The water heater is controlled daily and energized, or “turned on,” for a minimum of eight hours per day, generally between 11:00 p.m. and 7:00 a.m. This is a hot water Electric Thermal Storage (ETS) type system.

### 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.

- A 100-gallon capacity electric water heater (or larger).\*
- A separate meter socket wired by a qualified electrician.

\*The water heater may be added to a current load management off-peak metered system.

### 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	
MRG105245	100	4500/4500	20.0	104 gal.	.91	30.25"	66.75"	70.75"	152 lbs.

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 (Off-Peak)

Propane	Off-Peak Winter (Oct. - Apr.): 5.87¢/kWh electricity	Off-Peak Summer (May - Sept.): 5.17¢/kWh electricity
70% Efficient (standard unit)	Equivalent to \$1.10 propane (per gal.)	Equivalent to 97¢ propane (per gal.)
90% Efficient (high efficiency unit)	Equivalent to \$1.42 propane (per gal.)	Equivalent to \$1.25 propane (per gal.)
Fuel Oil	Off-Peak Winter: 5.87¢/kWh electricity	Off-Peak Summer: 5.17¢/kWh electricity
60% Efficient (standard unit)	Equivalent to \$1.43 fuel oil (per gal.)	Equivalent to \$1.26 fuel oil (per gal.)
80% Efficient (high efficiency unit)	Equivalent to \$1.91 fuel oil (per gal.)	Equivalent to \$1.68 fuel oil (per gal.)



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