



# LAKE REGION ELECTRIC COOPERATIVE ENERGY WISE RESIDENTIAL PROGRAM GUIDE

## WATER HEATING PROGRAMS

**Peak Shave Interruptible** (requires min. 80 gallon electric water heater)

- » Up to 8-hour control during peak periods
- » \$100 Rebate: grid enabled water heaters
  - » Unmetered: receives a \$10 bill credit when monthly usage over 300 kWh
  - » Metered: 6.8¢ Summer and 6.1¢ Other months Off Peak rate per kWh

**ETS Storage** (Requires min. 100 gallon electric Water Heater with mixing valve)

- » Daily load control
- » \$400 Rebate: grid enabled water heaters
  - » Unmetered: receives a \$12 bill credit when monthly usage over 300 kWh
  - » Metered: 5.5¢ per kWh

*HTP stainless steel and Marathon water heaters with lifetime warranty are available at LREC.*

## ELECTRIC VEHICLE PROGRAM

**EV TOU - Time of Use Rate**

- » Rates from 7.07¢ to 47.34¢ per kWh, see hourly chart
- » Sub meter required

**EV ETS - Storage Rate**

- » 5.5¢ per kWh controlled 16 hours daily
- » Sub meter required

## DUAL FUEL HEATING

A combination of a primary electric and a secondary propane, fuel oil, or natural gas thermostatically controlled heating systems. Either system must be able to provide 100% of home's heating needs on each level. Same requirements for home or garage.

- » 6.1¢ per kWh September-May; 6.8¢ per kWh June-August.
- » Sub meter required.
- » May be controlled any time—normally from 4 p.m. to 10 p.m.—up to 12 hours/pay, 400 hours per year.
- » Heat pumps are cycled 50% of each hour during summer peak control times.

## SHORT-TERM STORAGE HEATING (STS)

- » 6.1¢ per kWh September-May; 6.18¢ per kWh June-August.
- » Sub meter required.
- » 6-inch sand cover required for in-floor heat.
- » May be controlled any time—normally from 4 p.m. to 10 p.m.—up to 12 hours/ day, 400 hours per year.
- » Installed load must be at least 125% of the heat loss audit.
- » **Steffes storage heaters are available at LREC and qualify for \$25/kW equipment rebate on short-term storage.**

## LONG-TERM STORAGE HEATING (LTS)

- » 5.5¢ per kWh used for electric heating.
- » Sub meter required.
- » \$50/kW rebate.
- » 12-inch sand cover required for in-floor heat.
- » Size heat load for 16 hours control, must be at least 175% of heat loss audit.
- » Daily controlled from 14 to 16 hours.
- » **Steffes storage heaters are available at LREC and qualify for \$50/kW rebate on long-term thermal storage.**

*All storage heating systems require a professional heat loss audit. A copy of the audit must be submitted for approval with the Load Management Application. LREC inspection required prior to concrete pour on in-floor systems. Non-residential buildings (detached garages, shops, etc.) Dual Fuel, short term storage and combination 8-hour programs are at 6.8¢ per kWh off-peak rate.*

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