

# PEAK HOUR REWARDS - MEC PEAK DEMAND REDUCTION PILOT PROGRAM

The wholesale electric power Midstate Electric Cooperative purchases from the Bonneville Power Administration is most expensive during peak demand times. MEC is launching a peak demand reduction pilot program to help minimize wholesale power costs by shifting peak time electric usage to non-peak periods. The 18-month pilot program – called Peak Hour Rewards – will be used to evaluate savings to determine effectiveness of a full scale program.

## What is peak demand?

Electricity is produced for immediate use; it cannot be stored economically. Because of this, power plants must meet electricity demands at all times. Peak demand refers to those periods when electric consumers collectively use the most electricity.

## When are the peaks?

MEC's peak demand for electricity occurs October through April when heating systems are working the hardest. MEC's peak time is typically between 7 a.m. and 9 a.m.

## Who can participate in Peak Hour Rewards?

Members must have a Wi-Fi network, an electric forced air furnace or an air source heat pump, and own their home. Peak Hour Rewards is limited to the first 300 qualified members that enroll.

## How does Peak Hour Rewards work?

An electric co-op member volunteers to have a free Wi-Fi thermostat installed to control their heating system. During peak usage demand, an event is initiated sending a signal to their thermostat. The thermostat temporarily reduces the temperature a few degrees so the heat does not come on, moving the heating load to before and after the system peak. If the home cools off enough that the reduced setting is reached, the heating system will maintain the reduced setting until the event ends. When the peak period ends, the thermostat will return to the original programmed temperature setting.

## How do I enroll in Peak Hour Rewards?

Call 541-536-2126 option 5, or send an email to [marketing@mse.coop](mailto:marketing@mse.coop).

## How will I know if my temperature has been adjusted?

An email, text or thermostat message alert will be sent the day of and/or the day before an event.

## What are my obligations for participating in Peak Hour Rewards?

You must allow MEC to reduce the temperature on your thermostat by 2-3 degrees during a peak usage demand event. You have the ability to opt out of an event, but if you opt out more than 25% of the time, you will be removed from the program and the thermostat either must be returned or paid for.

## What will I get if I participate in Peak Hour Rewards?

You will receive a Lux/Geo Wi-Fi programmable thermostat (\$150 value) with free installation and a complimentary home energy audit. The Lux/Geo gives you the ability to remotely control temperature and set schedules from a smart device and/or website including hourly system run time, alerts and an automatic energy saving mode providing opportunities to conserve energy. You will receive a \$10 bill credit each month that you participate in 100% of the peak usage demand events without opting out.

*Call today! The first 100 members to enroll by June 1, and participate in 100% of the peak usage demand events during the pilot program, will be entered to win \$500.00.*

