

# Energy Sense *Together We Can...*

## Heating With the Load Management Programs

Energy-efficient heating equipment benefits all Barron Electric Cooperative members and our entire system by conserving energy and improving the quality of the environment.

### Dual Fuel Program

Electricity is \*6.384 cents per kilowatt hour for interruptible Dual Fuel electric heat. Some examples of dual fuel are:

- Baseboard heat with gas/oil furnace back-up
- Electric hydronic heating with gas/oil furnace/boiler back-up
- Electric plenum heater with gas/oil furnace back-up
- Electric hydronic boiler with thermostatically controlled gas fireplace

Dual Fuel requires an automatic back-up heating system that is adequate to maintain comfortable room temperatures. Power to the Dual Fuel system may be turned off for 12 hours in a 24-hour period during peak demand situations.

### Electric Thermal Storage Program

Electric Thermal Storage (ETS) is the technology of storing low-cost electricity in the form of heat for use in heating 24 hours a day. ETS equipment stores heat during off-peak hours. Barron Electric offers an off-peak rate of \*6.384 cents per kilowatt hour.



*A second meter is required at \*\$5.25 per month for Dual Fuel and ETS Programs.*

*conserve energy and improve  
the quality of our environment*

### Load Management Program

A radio receiver will be installed free of charge after the second meter is installed. The receiver conserves electricity by shutting off the electric heat during times of peak demand. Control times will vary depending on the program.

### Terms and Conditions

- An application form (located on reverse side) must be completed, signed, and approved.
- A postcard must be completed by electrician once work is completed, prior to second meter and radio receiver being installed.
- Off-peak heat rate is available upon installation of radio receiver.
- Kilowatt hour sales from off-peak heating are not eligible for capital credits.
- Barron Electric reserves the right to deny or limit any rebate/incentive.
- Program expires 12-15-2010.

*\* Rate effective May 1, 2009. This rate and second meter fixed cost are subject to change.*

For more information on energy efficiency/conservation program or savings opportunities, contact our Member Services Department.



**BARRON**  
**Electric**  
COOPERATIVE - BARRON, WISCONSIN

A Touchstone Energy® Cooperative 

# Energy Sense Together We Can...

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the quality of our environment

Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Electric Account # \_\_\_\_\_ E-mail \_\_\_\_\_

Daytime Phone # \_\_\_\_\_ Cell # \_\_\_\_\_

Purchased at \_\_\_\_\_ Map Location \_\_\_\_\_

**Determine Type of Structure:** New home Existing home Garage Storage bldg Work shop

**Identify existing heating system:** (if applicable) \_\_\_\_\_

## Electric Heat Source

- ETS Room Units
- ETS Central Furnace
- ETS Hydronic Boilers
- Baseboard
- Plenum Heater
- Hydronic Boiler\*

## Automatic Backup System

- Forced Air Gas Furnace
- Thermostatically-Controlled Gas Fireplace
- Electric Thermal Storage (for baseboard)
- Gas Boiler
- Gas Modine Heater
- Other \_\_\_\_\_

\*Domestic water heaters cannot be used as a home heating source. 100-gallon water heaters may be allowed on the off-peak rate if paid in full. Ground or Air Source Heat Pumps do not qualify for the off-peak rate (1-1-05)

Explain member responsibility to ensure the heating system sizing and backup source are adequate

Identify and explain applicable controlling strategy: Dual Fuel ETS New KW \_\_\_\_\_

Off-peak rate, second meter charge, and Barron Electric's Load Management Equipment explained

\*Off-peak rate of \$.06384 Per kWh. \*Second meter is \$5.25 per month. \*Charge is subject to change

Cost of BEC's CCRP panel, CT meter socket & CT coil. Equipment paid by: Member Contractor

Bill Cash Check Credit Card Cost of equipment \_\_\_\_\_

Electrician's name \_\_\_\_\_ Phone \_\_\_\_\_

Current service 100Amp 200Amp Large upgrade required Current TRF KVA \_\_\_\_\_

Member/Contractor must provide single point of contact for BEC to connect receiver

Anticipated completion date: \_\_\_\_\_ Info Only

Importance of returning the Off-Peak Heat Meter Installation Request postcard when the meter socket is wired and ready for Barron Electric to install the second meter.

Rate is not available until radio receiver is installed.

Scheduling of appointments for installing radio receivers are on a first-come, first-serve basis. Scheduling conflicts out of our control may cause an inconvenience, delay, or rescheduling. Back-up systems must be installed prior to scheduling appointment.

Parallel services for off-peak electric heat are included in the cost of the new service, if installed at the same time.

Country Comfort benefits and Comfort Credits. NA Supplier \_\_\_\_\_

The above information has been explained to me and I understand the terms and conditions of Barron Electric's Off-Peak Heating Program. \_\_\_\_\_

Member/Owner Signature

Date

Member Services

Date

### For Office Use Only

- Provided the list of preferred contractors (trained in ETS)
- Provided the off-peak heat meter installation request postcard
- Provided the load management brochure
- Discussed other load management programs
- Initiated service order for installation of second meter
- Scheduled appointment for installation of radio receiver
- Verified adequate back-up system
- Start file

Type of initial contact: Phone Site visit Office visit

Annexed area Yes No

Explained the benefits of the program to BEC and DPC

Date \_\_\_\_\_

Date \_\_\_\_\_

Completed receiver sheet and stamped with rate

Completion date \_\_\_\_\_