

Energy Sense *Together We Can...*

*conserve energy and improve
the quality of our environment*

Energy Conservation Programs

Whether building a new home or making improvements to an existing home, a more efficient home helps reduce energy bills and improve comfort. Conserving energy benefits all Barron Electric members and our communities. The more energy conserved the less energy that has to be produced, improving the quality of the environment.

Home Performance Assessment *(limit 1 per account)*

Members will receive a 50% discount on the cost of the Home Performance Assessment. Assessments are valued at \$300. Receipts required. A certified contractor will perform a full energy evaluation with performance testing and will recommend energy-saving home improvements. Members pay \$150 to the contractor during the site visit. The number of assessments is limited and will be provided on a first-come, first-serve basis. Contact the Member Services Department to schedule a Home Performance Assessment.

Energy Resource Conservation Loan *(limit 1 per account)*

A 3% low-interest loan is available for members who complete some or all recommendations from the Home Performance Assessment, upgrading weatherization and energy efficient heating and cooling equipment. Eligible members can receive a loan up to \$5,000 for a term of 5 years. An assessment is required before the project begins and after the work is completed to measure the energy-saving results. Loans are limited to 9 per quarter and are on a first-come, first-serve basis. Loans are available for insulation, energy-efficient doors, windows, and ventilation fans, Marathon® electric water heater from the Cooperative, caulking, weather stripping and pre-qualified heating and cooling equipment. Contact the Member Services Department or go to our website for an application.

Electrical Usage Audit

Barron Electric offers its members **free** home electrical use audits to help members lower their electric bills. A Barron Electric Representative will come to the home and evaluate usage patterns and make recommendations on how to conserve energy. Audits are available to residential members and are on a first-come, first-serve basis and are limited to availability. Contact the Member Services Department to schedule an audit. Members are eligible for a free audit every 5 years.

Save Money with Energy Devices

Kill A Watt™ Energy Usage Monitors measure how much energy appliances and other household equipment use by counting the kilowatt-hour (kWh) consumption. Simply plug the appliance or equipment into the meter and the meter into the wall outlet. Once the kWh usage is known, it's easy to calculate the electrical expense by the day, week or month. For a \$35 deposit, Barron Electric will loan Kill A Watt™ Energy Usage Monitors to members. Contact the Member Services Department for more information.

	Deposit
Kill A Watt™ Energy Usage Monitor	\$35
Thermal Leak Detector	\$70 (Measures temperature differences in a home)
Power Monitor	\$125 (Measures home's entire usage at the meter)
Occupancy Sensor	\$30 (Motion detecting light switch)
Energy Saving Smart Strip	\$35 (Reduces phantom loads)

Application

Forms are available at the cooperative office and at www.barronelectric.com. For more information, contact the Member Services Department.



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New Home & Home Improvements Incentive Form

Name _____ Map Location _____

Address _____ City _____ State _____ Zip _____

Electric Account # _____ E-mail _____

Daytime Phone # _____ Cell # _____

Eligibility Requirements:

Are you a Residential Farm Business? Do you currently Own Rent?

Are you a Year-round Seasonal Annexed member?

Have you had an electrical audit at this location in the past? Yes, when _____ No

Main reason you are applying: _____

Terms & Conditions:

- Home Performance Assessments are \$300. \$150 paid by member at the time of assessment. \$150 paid by the Cooperative with report. Electrical Usage Audits are paid for by the cooperative
- Barron Electric will schedule the assessment with a Certified Contractor and the Electrical Usage Audits with a Barron Electric Energy Specialist
- Approximate time required Assessments – 3 hours Electrical Usage Audits – 2 hours
- Applications are considered on a first-come, first-serve basis.
- Home Performance Assessments are limited to a total of 72 a year; Electrical Usage Audits are limited to available time.
- Copies of the assessment are given to the member and to Barron Electric.
- An assessment and acceptable credit are required for the Energy Conservation Loan (up to \$5,000 at 3% interest for up to 5 years for eligible weatherization expenses). A follow-up assessment to measure results is also required.
- Barron Electric reserves the right to accept or deny any application.
- Barron Electric does not guarantee that the energy-saving recommendations or products will result in energy or cost savings.
- Program expires 12/15/2010 or when funds are depleted.

Preferred **Assessment/Electrical Audit** Date(s) _____ Time _____

Member _____ Date _____ Member Services _____ Date _____

FOR OFFICE USE ONLY

Date _____ Approved Denied Reason _____

Date of Assessment/Audit _____ Contractor/Energy Specialist _____

Report Provided Yes No Date Assessment Contractor Paid _____

Home Performance Assessment Number _____

Electrical Usage Audit Number _____

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Energy Resource Conservation Loan

(limit 1 per account)

A low 3% interest 5-year loan is available for members who complete some or all of the weatherization recommendations from a Home Performance Assessment. An assessment is required before the project begins and after the work is completed to measure the energy-saving results. Loans are limited to 9 per quarter and are on a first-come, first-serve basis. Loans are available for insulation, energy-efficient doors, windows, and ventilation fans, Marathon® electric water heater from the Cooperative, caulking, weather stripping and pre-qualified heating and cooling equipment. Contact the Member Services Department for an application.

Weatherization

Minimum Efficiency Requirements

Insulation

Attic Insulation	R-38
Wall Insulation	Fill to capacity
Exterior Wall Insulation	R-5
Sillbox Insulation	R-11 to R-19
Basement Wall Insulation	R-5 (exterior) to R-11 (interior)
Crawl Space Insulation	Fill between joist

Windows

Replacement Windows	U-factor (heat loss) of 35 or less, Low E Glass (low emittance-lowers heat flow through window, Double to triple pane and Argon gas filled or Thermopane R-4)
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Doors

Replacement Exterior Doors	Urethane core R-13.5 or Polystyrene core R-7.5
Storm Windows and Doors	All Units

Ventilating Fans Energy Star Program Requirements

Weather Stripping and Caulking

Energy-Efficient Heating System Improvements

- Electric Thermal Storage Units and Furnaces
- Heat Pumps
- Replacing Furnace or Boiler with Pre-Qualified Equipment Listing

Energy-Efficient Cooling System Improvements

Minimum Efficiency Requirement

Central Air Conditioner 14.0 SEER

Air Source Heat Pump 14.0 SEER

Electric Marathon® Water Heater (participate in Barron Electric's Load Management Program)

Labor and Upgrades

Costs associated with the electric service upgrades and installation of the above measures (such as duct work, grilles, diffusers, chimney liners, air cleaners, furnace humidifiers, thermostats, and service contractors or warranties) are also eligible for financing. Installation receipts must be provided. Self-installations are not eligible for reimbursement.

