



By James Hathaway,
General Manager

LOOKING BACK AT 2018

Another year has come and gone. The arrival of a New Year is the time to look back at the old year with remembrance and look forward to the New Year with anticipation.

It was a good year for Dunn Energy. In the electric business

having a good year basically means keeping the lights on and keeping the cost of electricity reasonable. We began the year with a revenue shortfall of about \$250,000. Sales were strong enough to eliminate the shortfall though, and for the fifth year out of the past six years, the co-op did not have to raise rates. Other than a large outage caused by a truck hitting a transmission pole on Valentine's Day, outage hours were kept below two hours per member for the third year in a row.

Of course there is more to the electric business than just keeping the lights on and keeping costs reasonable. Payments have to be collected and bills have to be paid. All sorts of data has to be kept track of and accounted for. In 2018 we updated our computer software. The old software was almost 20 years old so we were ready for an update. We rely on computers a lot these days. Thanks in part to computers we have the same number of employees working for the co-op today as we did 25 years ago. The number of accounts we serve has gone up over 60 percent in that time, but thanks to hard work and computers we can do the job with the same number of employees.

Computers don't do all the work, however. Electric lines have to be built and maintained. Equipment has to be inspected. Meters and transformers have to be installed. Keeping the lights on takes a lot of work and planning. In 2018 the co-op completed two major projects. Five and a half miles of our main three-phase line was replaced between our substation north of Wheeler and the substation in Connorsville. This is our

main tie line between the two substations. We upgraded part of it a couple of years ago and this was the second half. We also upgraded four and a half miles of line north of the Connorsville substation. These projects increase the capacity of the lines allowing for load growth. Portions of the lines were placed underground to reduce the likelihood of outages due to storms.

In 2018 we also replaced several miles of old single-phase line around the system with larger cable. The old lines were reaching the end of their useful life. Like anything, electric lines age and need to be replaced. We have many maintenance programs in place that help extend the useful life of our lines, but eventually lines need to be upgraded and replaced. For the past several years we have been working to replace some of our old single-phase line. These projects are done to make sure the electricity the co-op provides to its members is adequate and reliable. Making sure your electric supply is reliable is one of the most important things we do.

In the office we continue to work on upgrading our mapping system. Digital maps are more accurate and can be updated more frequently than paper maps. The digital maps use aerial photography too. The pictures are so clear we can identify poles and other equipment on them. This can sometimes help us avoid making a trip out in the field. That also saves us time and money. The digital maps also work with our new metering system to give us more information on outages. This can help us respond to outages and restore them more quickly.

At Dunn Energy Cooperative we are working hard to meet the service expectations of our membership. That means making sure that the electric power our members need to meet the challenges of today's busy life is there when they need it at a price they can afford. Careful planning and hard work help us to meet that goal. (1647004)





Energy Sense

Together we can...together we will



Below you will find a detailed list of the Energy Sense rebates and incentives offered by Dunn Energy Cooperative. Please make sure to read Overall Incentive Rules at the end of this list for other terms and conditions. If you have any questions, please call the office.

HEATING AND COOLING

AHRI Certified Reference Number required for all HVAC incentives

Ground Source Heat Pump Incentive

- Paid to member at \$400/ton of the system
- Need a copy of the receipt and serial number of the unit
- AHRI Certificate must be provided

Air Source Heat Pump/Mini Split

- Paid to member at \$200/ ton of the system
- Must be 14 SEER or higher or EER 11.5 or higher or HSPF of 8.2 or higher
- Need a copy of the receipt and serial number of the unit
- AHRI Certificate must be provided

ECM Blower Motor Incentive—New Furnace Installation

- Incentive is \$35 per unit
- Need a copy of receipt indicating ECM/Variable Speed blower motor
- Must be fully variable speed or AFUE $\geq 95\%$ & EAE ≤ 670 kWh/year
- AHRI Certificate must be provided

LIGHTING

- LED Exit Signs – \$5/fixture
- Occupancy Sensor – \$5 each
- LED Bulb – \$1/bulb (capped at 20% of cost of bulb – five-bulb minimum)
- LED hardwired fixture (indoor and outdoor) – \$1 per 800 lumens (capped at 20% of cost)

WATER CONSERVATION

- Faucet flow restrictors (1.5 GPM or less) – \$1 each
- Showerhead flow restrictors (2.5 GPM or less) – \$5 each

APPLIANCES

Energy Star Clothes Washer – Clothes Dryer – Refrigerator – Dishwasher – Dehumidifier

- Incentive is \$25 per unit
- Unit must have Energy Star rating to qualify
- Member must provide a copy of purchase receipt
- Must provide proof of Energy Star rating
- Refrigerator must be ≥ 10 cu. Ft.

Heat pump dryer

- Incentive is \$50 per unit

RECYCLE – Get an additional \$25 per working freezer, refrigerator or window a/c unit that you recycle – need proof of recycling to qualify for the rebate

Water Heaters

- Incentive is \$125 for units 75–99 gallons and \$300 units 100 gallons and over
- 75–99 gallons must have EF of .90 – 100+ gallons must have EF of .85
- Unit must be put on the DEC load control program
- Member will receive an additional \$4/mo. credit on bill for load control*
- Member must provide a copy of purchase receipt
- Must provide proof of Energy Factor (EF)

**must use at least 400 kW/mo.*

Solar or Heat Pump Water Heaters

- \$300 rebate
- Must be new install or replacing an existing electric water heater
- Must have an Energy Factor of 2.0, be integrated.
- Does not have to be on Load Management program
- Solar Storage heaters must have electric back-up

RENEWABLES

Renewable Energy Grant/Rate Incentive

- Incentive will be paid out at \$150 per installed kW of the system up to \$1,500 max (i.e. 4kW=\$600 – 10kW=\$1,500)
- Member will have 6 months from the date issued to use the grant
- Funds will not be paid until project completion
- Funds cannot exceed 25% of the project cost
- Member should complete a renewable energy site assessment through a certified professional before applying for the grant
- Systems must be wind, solar, or biomass used for electricity production
- Systems must follow all rules and regulations set forth in Dunn Energy Cooperative policy and PSC rule 119 for interconnected renewable energy electric generation
- Dunn reserves the right to award no grants, at its discretion, if the projects do not meet the above guidelines (9473001)

Controlled Electric Vehicle Charging Station

- Incentive is \$200 paid to member

HOME PERFORMANCE

Home Energy Audit

- Incentive is \$150 credit towards the cost of a home energy audit
- Work must be performed by a state-certified energy audit specialist
- Typical total cost is \$300 less credit
- Bill for audit will be sent to Dunn Energy Cooperative and the member will see the charge on their energy bill, less the \$150 credit
- Cost of the audit generally includes one follow-up visit for retesting after recommended correction measures have been made
- Eligible for only one audit every five years – limit 50 members
- If requests exceed 50, members will be placed on a waiting list and awarded incentives if money becomes available
- Credit cannot exceed 50% of the actual cost of the audit or \$150

Home Audit follow up incentive

- Incentive is a max of \$500 per member and must be claimed within 24 months of audit
- Must have done a home energy audit through the Dunn Energy program first
- Consultant will give the homeowner a series of recommendations of ways to improve energy efficiency.
- Dunn will credit member up to \$500 for completion of efficiency updates/improvements
- Not to exceed 20% of total project cost (i.e. spend \$1,000 or more get \$500 back from Dunn, spend \$200 and get \$100 back from Dunn Energy Cooperative)
- Member can do any combination of one or more of the projects listed by the consultant
- Projects should be related to electrical reduction and/or electrical efficiency
- Additional \$100 bonus available for at least 25% or 400 minimum CFM reduction


Touchstone Energy Home Program

- Incentive is \$500 per home
- If requests exceed five, members will be placed on a waiting list and awarded incentives if money becomes available
- Need a copy of State Energy Star certification
- Program is arranged by the homeowner, builder, and state Energy Star Home staff. DEC just does the final rebate if the home passes and is certified as a Wisconsin Energy Star Home

COMMERCIAL & FARM PROGRAMS

Incentives for farm include:

- Plate coolers – \$500
- Dairy refrigeration heat recovery system with electric back up – \$300
- Low/zero energy livestock waterer – \$50 per unit (must be less than 500-watts, insulated tank)
- Scroll refrigeration compressor – \$30 per HP – max rebate \$1,000/compressor
- Variable speed/frequency drives – \$30 per HP – max rebate \$1,000/drive; min. 1HP
- Ag fan – exhaust – \$1 per inch diameter (36" fans must be rated 18 CFM/watt+; fans over 36" must be at or above 21 cfm/watt)
- Ag fan-circulation – \$1 per inch diameter (Fans under 36" must be rated 18 ft-lb/kW – 36"+ fans must be rated at or over 21 ft-lb/kW)
- Commercial vending machine controls – \$25
- Electric forklift battery charger – must be on load control – \$200 each

Custom Farm and Commercial incentives are available. Contact the office for more information. 



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OVERALL INCENTIVE RULES

- All incentives are available on products purchased and worked performed from 1/1/19 until 12/31/19
- Dunn Energy reserves the right to terminate all or part of this program at any time
- Each incentive has a budget, when that budget has been met the incentive may end
- Dunn Energy reserves the right to transfer allotted program budget funds between programs as need
- Only active electric members of Dunn Energy Cooperative are eligible for these incentives
- Incentives listed are as of 1/1/19 - call Dunn Energy Cooperative for updates
- All energy efficiency measures and appliances must be installed on the DEC system to qualify for an incentive
- Rebates in the amount of \$499 or less will be issued in the form of an energy bill credit, unless otherwise requested. Checks will be issued for amounts \$500 or larger
- Rebates CANNOT exceed 20% of the purchase price of item being rebated
- All forms and receipts must be turned in within 6 months of purchase date or by December 31 to qualify for rebates



Here are some New Year's resolutions you can keep all year long! Not only will you save energy, but you'll save money too!

It costs nothing to...

- Set the water heater temperature to 120 degrees
- Run only full loads in the washer or dishwasher
- Turn off lights when you leave a room
- Unplug electronics and chargers not in use
- Adjust your thermostat when going to bed or leaving the home

It costs a few more dollars, but you'll save a lot more, if you...

- Get a water heater blanket
- Use a programmable thermostat
- Seal air leaks around windows, doors, plumbing, etc.
- Replace regular bulbs with CFL or LED light bulbs
- Use a smart power strip for electronics

\$\$ FOR HIDDEN ACCOUNT NUMBERS

If your account number is one of the two hidden account numbers in this issue, it will mean \$10 credit on your account if you call the office before the end of the month. Two customer account numbers have been randomly selected and are hidden in the Dunn Energy Cooperative section of this *Wisconsin Energy Cooperative News*. Last month's winners were Edward Raehsler and Joseph Felling.

James Hathaway, Manager

N5725 600th St., P.O. Box 220, Menomonie, WI 54751

715-232-6240

www.dunnenergy.com

Jolene Neisius, Editor



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