

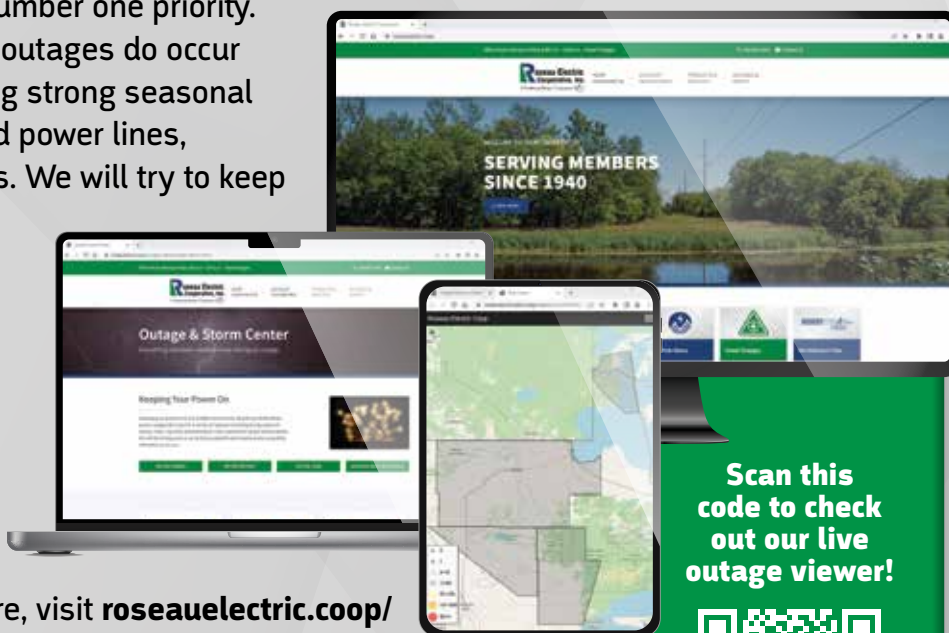
VOLTS & VIEWS



KEEPING YOUR POWER ON

Keeping your power on is our number one priority. Despite our best efforts, power outages do occur for a variety of reasons including strong seasonal storms, trees, squirrels, downed power lines, equipment failure and accidents. We will try to keep you as up to date as possible and restore power as quickly and safely as we can.

Our new website features everything you need to know about outages, including how to report an outage, FAQs, outage preparedness and a live outage viewer. To learn more, visit roseauelectric.coop/outages-safety/outage-storm-center.



Scan this code to check out our live outage viewer!



NEED TO REPORT A POWER OUTAGE?



Roseau Electric Cooperative does everything possible to keep the lights on and to restore service as quickly and safely as possible. We appreciate your cooperation and patience during these times.

Report an outage 24 hours a day, seven days a week by calling 218-463-1543 or 888-847-8840.

VOLTS & VIEWS

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Regular Business Hours: 8 a.m. - 4:30 p.m.

Phone: 218-463-1543

OUTAGE CALLS:

Toll-Free: 1-888-847-8840

MINNESOTA STATE ELECTRICAL INSPECTORS

7 a.m. - 8:30 a.m. (Mon. thru Fri.)

Northwest Angle, Kittson, Marshall,
Pennington and Roseau counties
and parts of Beltrami County:

Ronald Ditsch - 651-368-2195

Lake of the Woods County:

Curt Collier - 218-966-5070

Inspector list is subject to change at any time.

The State of Minnesota has high wiring standards, which are in the best interest of you and your family or business. Improper wiring can damage your home, your property and equipment, and injure or kill the people you love. Currently, the state does allow homeowners to do their own residential wiring; however, it is critical that the current electrical code is followed. Any time you or an electrician does wiring or other electrical work at your home or farm, Minnesota state law requires a state wiring inspector to conduct a proper inspection of the work. A rough-in inspection must be made before any wiring is covered. A final inspection is also required. For more information visit dli.mn.gov and go to the electrical page.

Gopher State One Call
1-800-252-1166 or 811
www.gopherstateonecall.org



Anyone who plans to dig is required by law to notify the state of their intentions at least 48 hours in advance. All digging requires the 48-hour notification so that buried telephone line, television cable, pipelines, utility electrical lines, municipal water and sewer lines can be located to ensure that none will be severed or damaged.

OUR MISSION STATEMENT

Roseau Electric Cooperative is committed to providing its member-owners low-cost, high-quality, safe and reliable electricity with friendly, efficient and knowledgeable service.

This institution is an equal opportunity provider and employer.

The average home in our area can be powered for about **\$5 a day** – the price of a bottle of sunscreen.

VALUING EVERYTHING THAT POWERS YOUR DAY.

THAT'S THE VALUE OF ELECTRICITY.



GRANT APPLICATION DEADLINE
AUG. 31, 2023

To be considered at the September 2023 meeting, grant applications must be received by **Aug. 31, 2023.**

Grant applications are available at the REC office or by visiting our website at roseauelectric.com.

SUMMER STORM

SAFETY

Intense summer storms can be beautiful to watch, yet have the potential to be very destructive. They can arise quickly, and lightning strikes, booming thunder, and torrential rain are powerful forces that, when coming in contact with utility infrastructure, can lead to power outages and damage to equipment.

Head indoors at the first sign of lightning and invest in a surge protection device for your home electronics. Here are some lightning safety tips to keep you and your family safe:

- Stay off corded phones, computers and other electrical equipment that put you in direct contact with electricity.
- Avoid plumbing, including sinks, baths and faucets.
- Stay away from windows and doors and stay off porches.
- Immediately get off elevated areas.

- Never lie flat on the ground.
- Never shelter under an isolated tree.
- Immediately get out of and away from bodies of water.

Backup generators are great during power outages, but please be sure a licensed professional installed it through a transfer switch. Improperly wired generators can result in electricity backfeeding onto power lines, which can be incredibly dangerous for co-op lineworkers and those inside your home. Never operate a generator indoors or in confined spaces.

A good tip to remember: Keep fridges and freezers closed as much as possible during a power outage. An unopened refrigerator will safely keep food cold for about four hours; a full freezer will do so for about 48 hours.

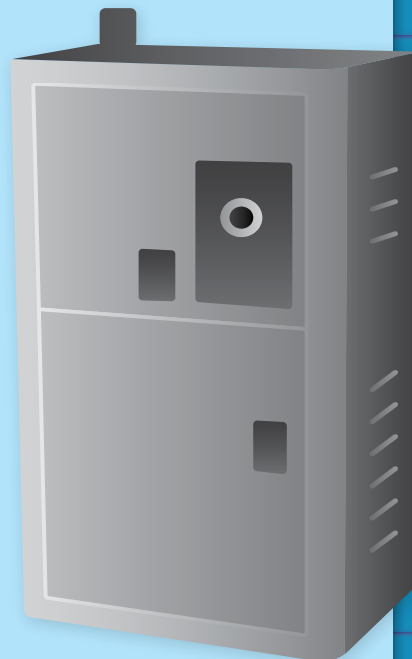
For more information, visit the Outages & Safety tab at roseauelectric.coop.

When it boils down to it...

ELECTRIC BOILERS save money and offer convenience

Electric boiler technology has been around for decades, but the equipment is experiencing renewed popularity because of its efficiency and cost-effectiveness. It's quickly become an environmentally friendly alternative to traditional fuel oil or gas boilers for keeping homes comfortable and warm.

Spoiler alert – boilers are the way to go.



COST SAVINGS

Electric boilers are generally less expensive to install than liquid- or gas-fueled boilers. Plus, they require less maintenance over time and tend to have longer lifespans, so you won't have to worry as much about buying parts or an entire replacement.

ENERGY EFFICIENCY

Electric boilers are incredibly efficient, with many models touting up to 99% efficiency. This means almost all of the electricity an electric boiler uses is converted into heat, reducing waste and saving energy.

ENVIRONMENTAL RESPONSIBILITY

Electric boilers do not produce any direct emissions during operation, unlike gas or oil boilers.

NOISE REDUCTION

Electric boilers operate quietly, so they're a great choice for families who like to keep the noise down.

EASE OF USE

Electric boilers are easy to use and don't require any fuel storage. You don't need to worry about checking fuel levels or setting up fuel deliveries.

FLEXIBILITY

Electric boilers can be used in a wide array of settings, from apartments to large commercial buildings. They are also compatible with a variety of heating systems, including underfloor heat.

SAFETY

Electric boilers are safer than other boilers, as there is no risk of carbon monoxide or gas leaks. They also don't require any outside venting or chimneys, making them easier and safer to install.

BONUS SAVINGS from your co-op

If you install a boiler on the off-peak program*, you may receive:

REBATE: up to \$90 per kW

OFF-PEAK RATE: nearly HALF the standard electric rate

*must have qualified backup heating system

If you are building new or soon replacing an aging heating system, give **Roseau Electric Cooperative** a call at **218-463-1543** to see if you would qualify for an electric boiler rebate! Contact a contractor or installer for prices and sizing.

6 things you might not know about coal mining



Baseload generation plays a vital role in the diverse energy portfolio needed to supply Roseau Electric Cooperative members with safe, reliable and affordable energy. Minnkota's Milton R. Young Station is a mine-mouth generation facility that is powered by the abundant supply of lignite coal mined in western North Dakota. There are many misconceptions about coal, so here are a few North Dakota mining facts that may be new to you.

1.

Before mining takes place in North Dakota, extensive geological surveys, drilling and sampling must be completed to determine the quality and quantity of coal deposits in an area. By understanding the geology of the area, efficient and cost-effective mining plans are developed to maximize coal recovery while minimizing environmental impacts.

2.

Coal mining has a significant impact on the local economy. It provides jobs for thousands of people in North Dakota and contributes to the overall energy production of the United States. The lignite energy industry also supports other crucial occupations such as transportation, manufacturing and construction.

3.

Open-pit mining is used to remove layers of soil and rock to expose the coal seams. Large machinery, such as draglines and bucket wheel excavators, are used to extract the coal from the open pits and transport it to the Young Station.

4.

BNI Coal, Minnkota's lignite coal provider, recently commissioned the world's newest 757 dragline to its fleet in 2022. Named Legacy, it operates alongside two other draglines in Center, N.D. – Liberty and Big Sandy. Draglines operate 24 hours a day, 365 days a year, and can weigh more than 6,000 tons.

5.

Raw lignite coal undergoes various processes to remove impurities and prepare it for use at the Young Station. This can include crushing, screening, washing and sorting the coal to meet specific quality requirements.

6.

Once mining activities are completed in a specific area, the land is reclaimed and restored to its natural state – or better. This involves leveling the land to allow for proper water drainage, replacing topsoil, and reestablishing native vegetation to promote ecological recovery. Ongoing monitoring and maintenance are conducted to ensure success of the reclamation efforts.

IS YOUR WATER HEATER SAVING YOU MONEY?

Imagine – everyone in your home is finally sound asleep. The animated movie that had been on repeat all day is finally off. You were able to finish washing the dishes, bathe the kids and brush their teeth with time for one bedtime story before lights out. As you lay down for some peaceful dreaming, your electric water heater is just starting its night of work.

Water heating is responsible for 20% of the energy used in your home, which factors greatly into your monthly energy bill. With recent advancements in insulation technology, a large-capacity electric water heater can go 24 hours with little-to-no heat loss inside the tank – meaning your water can be warmed overnight, when electricity demand is low. This makes an electric water heater a perfect option for Roseau Electric Cooperative's off-peak program, which can save you big!

How the off-peak program works:

1

Member-consumers voluntarily sign up to join the off-peak program.

2

Your electric water heater is then set up on an off-peak meter and draws heat energy during lower-demand times of the day – especially night.

3

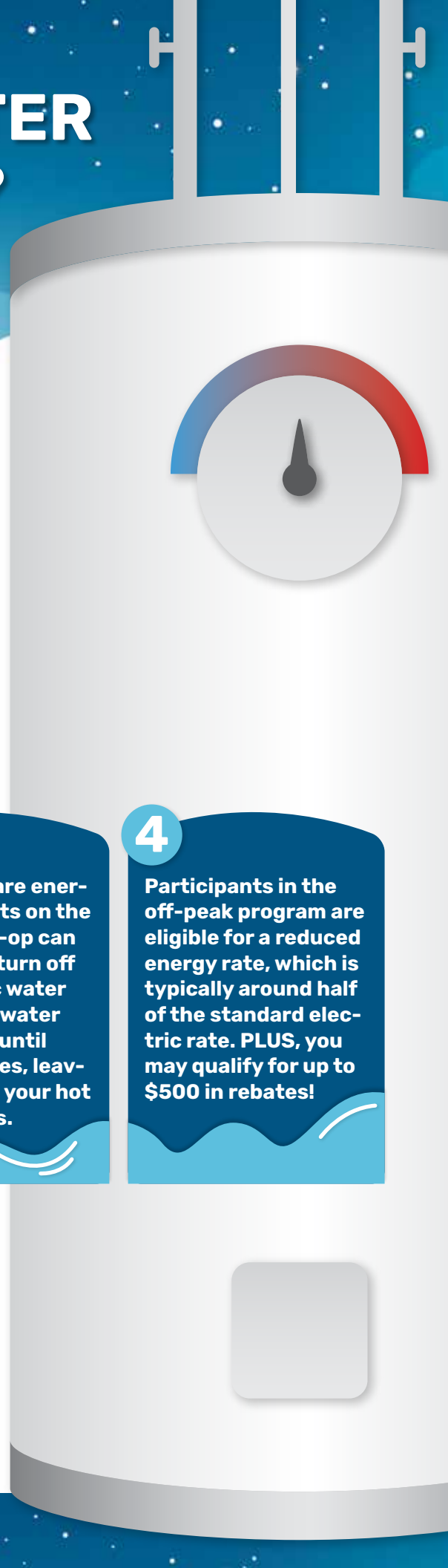
When there are energy constraints on the grid, your co-op can temporarily turn off your electric water heater. Your water remains hot until control ceases, leaving no gap in your hot water access.

4

Participants in the off-peak program are eligible for a reduced energy rate, which is typically around half of the standard electric rate. PLUS, you may qualify for up to \$500 in rebates!

You never have to worry about having enough hot water for your entire family's bathing routine or that last load of laundry with tank sizes from 80 to 100 gallons or larger. So next time you fall asleep after a long, hard day at work (or at home), you can rest easy knowing you are saving money thanks to your built-to-last electric water heater.

Check out Roseau Electric Cooperative's website to learn more about rebates available for electric water heaters and contact a trusted contractor to help you find the right size to save money!





Use SmartHub on a desktop or mobile app to:

- View daily and monthly energy use.
- View and pay your bills online.
- Go paperless and receive an email notice when your bill is ready to view.
- Compare energy use to changes in temperature.

For assistance, call us during regular business hours at 218-463-1543.

Sign up for SmartHub
@roseauelectric.smarthub.coop

OPERATING STATISTICS

	Monthly		Year to Date	
	May 2022	May 2023	May 2022	May 2023
Members	6,645	6,648	6,645	6,648
kWh purchased	10,025,291	9,685,000	75,265,440	71,156,456
% change		-3.39%		-5.46%
Revenue	1,339,157	1,344,553	8,668,053	8,454,920
Cost of power	833,923	830,305	5,290,386	5,111,728
Other expenses	540,078	552,351	2,802,766	2,819,365
Operating margins	(34,844)	(38,103)	574,901	523,827
Non-operating margins	(4,149)	(18,777)	178,558	35,512
Patronage dividends	-	-	-	-
Total margins	(38,993)	(56,880)	753,459	559,339

member connection

ENERGY TIP

When shopping for new light bulbs, know the difference between lumens and watts. Lumens measure the amount of light while watts measure energy consumption.

Source: energy.gov



DATES TO REMEMBER

July 16-21
Roseau County Fair;
Stop by our booth starting the evening of July 18

July 21
Electric bill is due

OFFICE HOURS
Monday – Friday
8 a.m. – 4:30 p.m.
Phone: 218-463-1543

AFTER HOURS/OUTAGE NUMBER

Toll-Free: 1-888-847-8840
(main outage call center)

CALL BEFORE YOU DIG
1-800-252-1166 or 811

PAY BY PHONE
1-877-999-3412

SMARTHUB
<https://roseauelectric.smarthub.coop/>

WEBSITE
roseauelectric.coop



LIKE US ON FACEBOOK
TO STAY UP TO DATE!

@RoseauElectricCooperativeInc



ROSEAU COUNTY FAIR

JULY 16–21

Stop by our booth starting
the evening of **July 18**

Sign up for door prizes
and receive a free gift!

For complete event details,
premium lists and schedules,
visit roseaucountyfair.com.