

JULY 2020

CIRCUITS

FOR DAKOTA ELECTRIC MEMBERS



Using utility-scale
batteries to store
renewable energy!

Pages 2 and 3

Contact Us

Member Service & Drive-Up Window

7 a.m. – 7 p.m. Monday – Friday
651-463-6212 or 1-800-874-3409
Minnesota Relay Service 711

Lobby

Temporarily Closed
4300 220th Street West, Farmington, MN 55024

24-Hour Outage & Emergency Service

651-463-6201 or 1-800-430-9722

Underground Cable Locations

Gopher State One Call 811 or 651-454-0002
or 1-800-252-1166

Tree Trimming & Street Lights

651-463-6287

*Dakota Electric is an equal opportunity/
affirmative action employer*

Dakotaelectric.com

customerservice@dakotaelectric.com

*Dakota Electric Association® and Dakota Electric®
are registered service marks of the cooperative.*

*All programs and rebates are subject to change
without notice. Funds are limited and available
on a first-come, first-served basis.*

Dakota Electric Association

BOARD of Directors

DISTRICT 1

John (Jack) DeYoe
David Jones
Gerald F. Pittman | *Chair*

DISTRICT 2

Bill Middlecamp
Jim Sheldon | *Treasurer*
Clay Van De Bogart | *GRE Director*

DISTRICT 3

Kenneth H. Danner | *Secretary*
William F. Holton
Margaret D. Schreiner | *GRE Director*

DISTRICT 4

Paul Bakken | *Vice Chair*
Judy H. Kimmes
Stacy Miller | *MREA Director*

Battery Energy Storage

And what it means for your future

Wind farms produce electricity when it's breezy. Solar panels generate energy during the day. Low-cost, long-duration battery storage has the potential to serve our members when the wind isn't blowing and the sun isn't shining.

Dakota Electric's wholesale power provider, Great River Energy, recently announced plans to transform its power supply portfolio by phasing out its remaining coal resources and adding significant renewable energy by 2023. Great River Energy also announced a utility-scale energy storage project. The long-duration battery storage pilot project will sit on a 1-acre site next to a natural gas peaking plant in Cambridge, Minnesota.

The Cambridge Energy Storage Project will be a 1-megawatt, grid-connected storage system capable of delivering power continuously for 150 hours. A utility-scale battery that can discharge over several days supplies ample energy to endure even the lengthiest grid disruption. Other utility-scale lithium-ion batteries used today have a four-hour usage period. The long-duration battery project is expected to be complete by the end of 2023.

First-of-its-kind technology

Great River Energy is working with Form Energy of Somerville, Massachusetts, on the project. Founded in 2017 by industry veterans from Tesla, Aquion and A123, Form Energy has raised more than \$50 million in funding. Investors include MIT and Bill Gates' Breakthrough Energy Ventures.

The Cambridge Energy Storage Project is the first commercial deployment of Form Energy's proprietary long-duration energy storage system. The aqueous air battery system uses safe, cheap and abundant materials.

Impact on our members

Long-duration utility-scale storage will help maintain reliability for our members during extreme conditions, such as a heat wave or polar vortex. Low-cost, flexible energy storage solutions can also provide more capability to fill gaps in wind and solar energy production that would otherwise require starting a power plant.

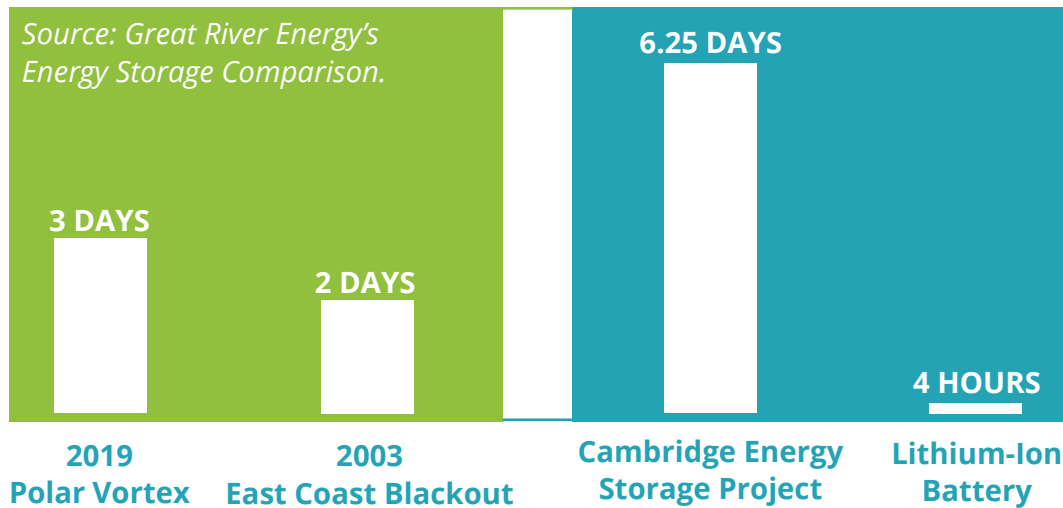
The Cambridge Energy Storage Project is part of your cooperative's shift toward an affordable, renewable future without sacrificing reliability.



CAMBRIDGE ENERGY STORAGE PROJECT

The graph below shows a comparison between the Cambridge Energy Storage Project, utility-scale lithium-ion batteries and the duration of increased electric demands and disruption in electric service.

Source: Great River Energy's Energy Storage Comparison.



Keeping power reliable and affordable



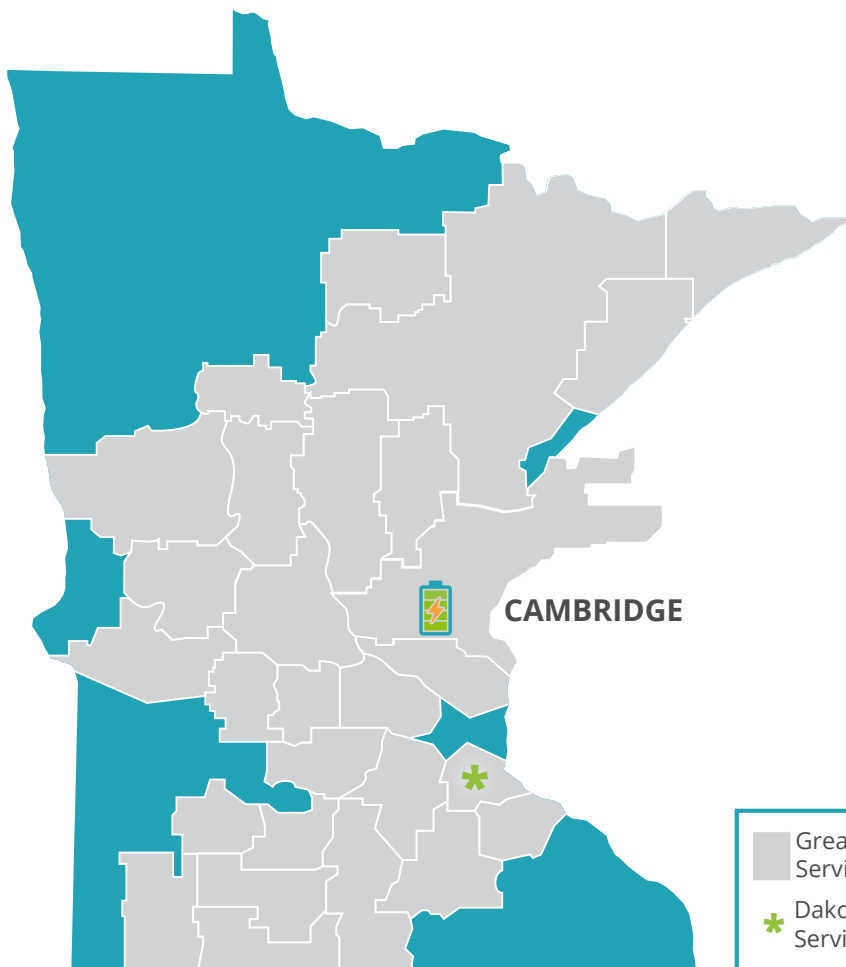
Continuing to reduce carbon dioxide emissions



Adding cleaner electricity sources



Developing a 1-megawatt, grid-connected storage system



KEY

- Great River Energy's Service Area
- Dakota Electric's Service Area



HIGHER REBATES!

During these uncertain times, Dakota Electric is providing enhanced rebates and special promotions to help its members. Offers are only available for equipment purchased June 1, 2020, through September 30, 2020. Learn more by contacting the Energy Experts® at 651-463-6243 or email energyexperts@dakotaelectric.com. Please shop locally and support our communities!

Special Promotions	Description	Rebate Amount
Heat Pump System	Tuneup	\$50
	ENERGY STAR® Ductless air-source heat pump	\$450 to \$750
	*Air-source heat pump (> 8.2 or > 9.0 HSPF) (Registered Contractor Required)	\$1,000 or \$2,000
Central Air Conditioner	Tuneup	\$50
	Central air conditioner SEER 15-16+ (Registered Contractor Required)	\$380 to \$430
Electric Water Heaters	*First-time enrollment on an Energy Wise® Interruptible Program	\$250
	*First-time enrollment on an Energy Wise Storage Program	\$500
ENERGY STAR Refrigerator	Requires recycling of the replaced unit	\$150
ENERGY STAR Freezer	Requires recycling of the replaced unit	\$150
Working Refrigerator/Freezer Harvest (recycling only)	Does not require purchase of a new ENERGY STAR appliance; must be in working order.	\$150
Dehumidifier	Must be ENERGY STAR rated	\$50
Electric Dryer	Must be ENERGY STAR rated	\$50

TERMS AND CONDITIONS: Rebate amounts are based on energy-efficiency ratings. Some rebate applications are only available through registered contractors. Limited funds are available and awarded on a first-come, first-served basis. Rebate amounts and programs are subject to change without notice. *Equipment must be installed on an Energy Wise interruptible or storage program to qualify.



FOR MORE INFORMATION VISIT: DAKOTAELECTRIC.COM > [MEMBER SERVICES](#) > [PROGRAMS & REBATES](#) > [FOR YOUR HOME](#) > [PROMOTIONS](#)



Visit **EnergyWiseMN.com** to shop energy-saving products!



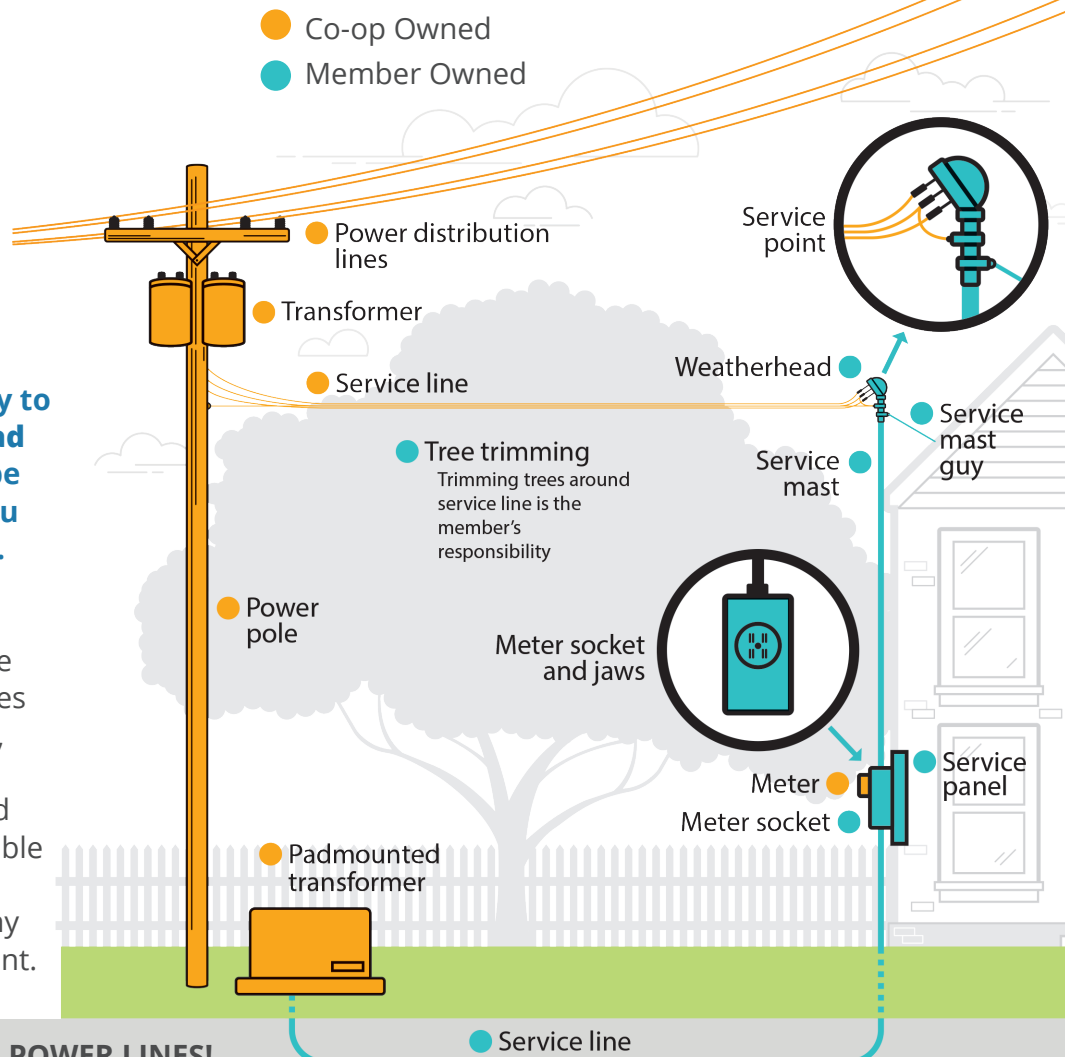


WHO OWNS WHAT?

Electric co-op owned equipment vs member-owned equipment

Dakota Electric delivers electricity to members through either **overhead** or **underground service**. Please be aware of which type of service you receive at your home or business.

This graphic depicts equipment owned by the co-op (in gold) and the member (in blue). If a storm damages any equipment owned by the co-op, we are responsible for repairs. If a storm damages any member-owned equipment, the member is responsible for repairs. Members should hire a licensed electrician when making any repairs to member-owned equipment.



ALWAYS STAY CLEAR OF DOWNED POWER LINES!

Source: NRECA

Pole inspections to take place this summer



Utili-Tech, a pole inspection contractor hired by Dakota Electric Association, is conducting annual pole inspections in our service territory throughout June and July.

Areas included are Eureka and Castle Rock townships. The pole inspector will be identified as a Utili-Tech employee, contracted by Dakota Electric to gather pole data as it relates to the above-ground distribution system.

The inspector will attempt to contact each member before performing inspections. The inspector will walk through backyards and private properties as well as use an ATV to access certain pole locations.

Please contact Dakota Electric at 651-463-6265 if you have questions or concerns about the pole inspection process in these areas.

Scholarships awarded

More than 100 area high school students received scholarships this spring for their post-secondary education from Dakota Electric Association. Others receiving part of the \$160,000 in unclaimed capital credits this year are students at Inver Hills Community College and Dakota County Technical College, who will receive their scholarships in the fall. Dakota Electric has donated almost \$2 million since 1990 to help local students reach their goals through post-secondary education.

"We are pleased to be able to help our local students this way," Dakota Electric's President and CEO Greg Miller said. "As a not-for-profit electric cooperative, Dakota Electric is proud to provide these scholarships from unclaimed capital credits as an investment in the future of our local youth."



Students from the following high schools received scholarships: Apple Valley, Burnsville, Cannon Falls, Eagan, Eastview, Farmington, Hastings, Henry Sibley, Lakeville North, Lakeville South, Northfield, Randolph, Red Wing, Rosemount and Simley.



TO WATCH OUR "CONGRATULATIONS TO 2020 GRADUATES" VIDEO AND VIEW THE FULL LIST OF SCHOLARSHIP RECIPIENTS, VISIT: [DAKOTAELECTRIC.COM > NEWS EVENTS > NEWSROOM](https://dakotaelectric.com/news-events/newsroom)

SLAM THE SCAM!

HOW TO SPOT A SCAM

BE IN THE KNOW

Dakota Electric will always try to make payment arrangements for past due accounts. Contact us at 651-463-6212 for assistance.



1. Utility phone scams typically involve callers claiming to represent a utility company attempting to trick people into paying them money by threatening to turn off their service. If you are contacted by phone, hang up immediately and call Dakota Electric at 651-463-6212 – **DO NOT use a phone number given to you** – to verify your account status.



2. Never give out Social Security numbers, credit card or banking information to anyone who calls, no matter who they claim to represent. Dakota Electric does not ask current members for this type of information. Dakota Electric will never instruct members to purchase a prepaid credit card to pay a past due amount.

3. If your account is past due, contact Dakota Electric to make payment arrangements. If you believe you were targeted for a scam, report it to your local police immediately.



We'll Work With You

The past few months have been difficult for many of our commercial and residential members. We recognize that Dakota Electric Association is a critical service and that we play an important role as we keep the lights on for you, our members. We also recognize that many of our members may be experiencing financial difficulties during these unusual times.

It is important that you reach out to us if you are unable to pay your bill. We will work with you to establish a payment plan for your account. Our Member Services staff is available Monday through Friday from 7 a.m. to 7 p.m. at 651-463-6212 or 1-800-874-3409 or email customerservice@dakotaelectric.com.

Energy Assistance Resources Available:

Scott-Carver-Dakota CAP Agency

651-322-3500 | 2496 145th St. W., Rosemount, MN 55068

360 Communities | 952-985-5300

501 East Highway 13, Suite 112, Burnsville, MN 55337

Dakota County Economic Assistance

651-554-5611 | 1 Mendota Road W., Suite 100, West St. Paul, MN 55118

Goodhue County Health & Human Services

651-385-3200 | 426 West Ave., Red Wing, MN 55066

Three Rivers Community Action, Inc.

507-316-0610 | 1414 North Star Dr., Zumbrota, MN 55992

Rice County Social Services

507-332-6115 | 320 3rd St. NW., Faribault, MN 55021

Scott County Human Services

952-445-7751 | 200 4th Ave. W., Shakopee, MN 55379

Rate Case Update

The state agency review process for Dakota Electric's general rate case continues. At the time of publication, the Minnesota Public Utilities Commission will deliberate various issues and make a decision on the overall outcome around mid-June.



EMAIL RATES@DAKOTAELECTRIC.COM OR VISIT:
DAKOTAELECTRIC.COM > MEMBER SERVICES > BILLING &
PAYMENT > RATE CASE

Your Electricity Brochure 2020

The most recent information on how the electric generation, transmission and distribution systems work, plus the sources, costs and emissions of fuels used in meeting the needs of Dakota Electric's members, is available. You can also request to have a copy of the brochure mailed to you by calling 651-463-6212.



TO DOWNLOAD THE BROCHURE, VISIT: DAKOTAELECTRIC.COM >
MEMBER SERVICES > MEMBER RESOURCES

Your Electricity 2020 Fuel sources, costs and emissions

Fuels used to generate electricity have different costs and environmental effects. This brochure identifies how the electrical delivery system works and provides information about fuel sources used in meeting the needs of Dakota Electric Association's and its member-consumers. For more information about the sources of your electricity, contact Great River Energy at www.greatriverenergy.com. Great River Energy is Dakota Electric Association's wholesale power supplier.



Editor's Note

Information, promotional offers and events are accurate at the time of publication. For the most up-to-date information, please visit our website www.dakotaelectric.com. Thank you.

4300 220th Street West
Farmington, MN 55024

UPCOMING EVENTS

- **Board Meeting**
July 30, 8:30 a.m.
Board meetings are
being held virtually.
- **All other upcoming
events are canceled
until further notice.**

PRSRT STD
U.S. POSTAGE
PAID
DAKOTA ELECTRIC
ASSOCIATION

CONNECT WITH US!



dakotaelectric.com/event-calendar

DAKOTAELECTRIC.COM

**WE KEEP THEM
UP HERE FOR A
REASON**

STAY CLEAR OF DOWNED POWER LINES

A downed power line may still be an energized line.
Stay away and call 911 immediately.

Helping members use electricity safely, that's the power of your co-op membership.

inside
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