

KILOWATT



MEMORIAL DAY

**KPC OFFICES WILL BE CLOSED ON MAY 27TH
IN OBSERVANCE OF MEMORIAL DAY.**



PROUD OF THE POWER THAT SERVES YOU

ARTICLE BY: SCOTT FROEMMING, CEO

Renewables are rising, emissions are declining in the energy that serves Kandiyohi Power Cooperative

The energy Kandiyohi Power Cooperative provides homes, businesses and farms comes from a vast network of energy resources spread across the Midwest. This is due to our membership in Great River Energy, a wholesale electric cooperative that is owned by and provides energy to 28 cooperatives in Minnesota.

Kandiyohi Power Cooperative and Great River Energy aim to provide our members with energy they can afford, they can depend on and they can be proud of. At the direction of its members, Great River Energy has made significant changes to the way it produces electricity.

Great River Energy has spent more than a decade positioning its portfolio, lowering costs and reducing dependence on coal as a fuel source. These measures have resulted in a 38 percent reduction in Great

River Energy's carbon dioxide emissions since 2005.

Great River Energy has exited two contracts for coal-based electricity in recent years and, in 2017, retired a North Dakota power plant owned by the cooperative. Great River Energy is also a member of MISO, an organization that facilitates the flow of electricity, which allows the regional grid to operate efficiently with fewer power plants.

Nearly 15 years of experience with renewable energy has given Great River Energy a deep understanding of the economics and operations of wind energy. After accomplishing Minnesota's 25 percent renewable energy goal in 2017 – eight years ahead of the state's requirement – the cooperative decided to push itself even further.

Great River Energy will provide 50 percent renewable energy to its all-requirements member-owner cooperatives by 2030. To assure continued progress, the cooperative set interim renewable energy goals of 30 percent by 2020 and 40 percent by 2025.

Great River Energy also owns 20 solar installations in Minnesota, including a

portion of the array near the Kandiyohi Power Cooperative office in Spicer.

Great River Energy decided to ramp up renewables because members are increasingly interested in electricity with a lower environmental effect, as long as it remains affordable and reliable. Increasing renewables can present advantages to cooperatives for attracting and retaining businesses as well as meeting the expectations of members who value green energy.

And, as a member of Great River Energy, Kandiyohi Power Cooperative has a voice and a vote that we use to assure the power that serves our membership reflects the values of all our members.



**SAVE THE DATE
GET STUNG
WITH THE FUN!**
Customer Appreciation
Stingers Game July 10th



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US ON
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WWW.FACEBOOK.COM/KANDIYOHIPOWERCOOPERATIVE



KANDIYOHI POWER COOPERATIVE HELD THEIR ANNUAL MEETING ON APRIL 23RD.

This year it was held at the Little Crow Event Center in New London. It turned out to be a great venue. Upon arriving at the meeting, members received a head of lettuce from local lettuce grower, Lettuce Abound. Members heard from the Board Chair Dale Anderson, CEO Scott Froemming and CFO Anthony Stern. After the business meeting, members enjoyed a delicious brunch. Thanks to all our members who joined us for a short meeting filled with important information and great food. For those of you who couldn't make it this year – we hope to see you maybe next year.

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BOARD OF DIRECTORS
 Front Row: Darrel Fostervold; Dale Anderson, Chair; Scott Froemming, CEO; Diane Helgeson.
 Back Row: Robbert Stone; Todd Post; Dan Pomranke, Vice-Chair; Rollo Campe; Larry Powers; Stan Wubben, Secretary

Bring money and energy savings right into your home with a qualifying air source heat pump and your cooperative will reward you with up to \$2,000!

ANNOUNCING LIMITED TIME ASHP PROMOTION

Kandiyohi Power Cooperative is pleased to announce our 2019, Air Source Heat Pump ASHP promotion. For a limited time, we will be doubling, even tripling our rebate on ASHP's.

Rebate Qualifications/Considerations:

1. Must be installed in KPC territory
2. Must be installed and "QI" tested in 2019
3. Can be combined with furnace EC motor rebate
4. Ask about off-peak program and reduced electric rates
5. Rebate is only May, June & July 2019

Why ASHP's?

1. Best of both worlds. ASHP's provide home cooling and supplemental heating with 72% less electricity than conventional a/c's and furnaces.
2. Higher Efficiency – you can save up to 30% on your home cooling expenses. They are also 200%+ more efficient when it comes to home heating.
3. Easy on the Environment
4. A Safe Solution – no open flame so doesn't create any products combustion such as carbon monoxide and other emissions.
5. Quality Control – Air rises more slowly, distributes more evenly and holds its moisture better. This makes a more natural warmth.
6. Adjusts Automatically – An ASHP works in tandem with your conventional gas furnace for home heating. The pump automatically selects the most ideal balance between the two heating sources to constantly maintain the most efficiently ideal heating combination based on your desired indoor temperature.

Limited Time Promotional Rebate Amounts:

- 15 SEER \$1250⁰⁰
- 16 + SEER \$2000⁰⁰

Ductless ASHP (Mini Split)

- Heating Source Delivered Fuels \$450⁰⁰
- Heating Source Electric Heat \$750⁰⁰

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No air ducts in your home? No problem! Reap the benefits of up to \$750 in rebates from your cooperative when you make the switch to a qualifying ductless air source heat pump. Heat and cool your home while you save!



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KILOWATT CREDIT SCORECARD
 Win a credit on your next bill.

Account numbers used are 9 digits, as appearing on your monthly bill. If you find your account number in this KILOWATT, please notify us by the 4th to claim your credit. We will credit your bill. Do not deduct the amount from your bill; pay as usual. Sean Bolduc claimed his account number and got \$5.00 credit. Each account number is worth \$5.00.

SAFETY STARTS WITH YOU

Tips for spotting potential electrical hazards in your home

Electricity plays many roles in our lives, from powering baby monitors, cell phones and lighting, to running HVAC systems and appliances. No wonder we get so comfortable with its instant availability that when we flip a switch, we expect most systems or devices to do the job.

May is National Electrical Safety Month, and here at Kandiyohi Power Cooperative we think it's a great time to look around your home and check for potential safety hazards.



Ground Fault Circuit Interrupters- Outdoor outlets or those in potentially damp locations in a kitchen, bathroom or laundry room often include GFCI features. They are designed to sense abnormal current flows, breaking the circuit to prevent potential electric shocks from devices plugged into the outlets.

The average GFCI outlet is designed to last about 10 years, but in areas prone to electrical storms or power surges, they can wear out in five years or less. Check them frequently by pressing the red test button. Make sure you hit the black reset button when you are done. Contact a licensed electrician to replace any failing GFCI outlets.

Loose or Damaged Outlets or Switches- Unstable electrical outlets or wall switches with signs of heat damage or discoloration can offer early warnings of potential shock or electrical fire hazards. Loose connections can allow electrical current arcing. If you see these warning signs, it may be time to contact an electrician.



Surge Protectors- Power strips with surge protectors can help safeguard expensive equipment like televisions, home entertainment systems and computer components from power spikes. Voltage spikes are measured in joules, and surge protectors are rated for the number of joules they can effectively absorb. That means if your surge protector is rated at 1,000 joules, it should be replaced when it hits or passes that limit. When the limit is reached, protection stops, and you're left with a basic power strip.

Extension Cords- If you use extension cords regularly to connect devices and equipment to your wall outlets, you may live in an underwired home. With a growing number of electrical devices connecting your family to the electricity you get from Kandiyohi Power Cooperative, having

enough outlets in just the right spots can be challenging. Remember, extension cords are designed for temporary, occasional or periodic use.

If an extension cord gets noticeably warm when in use, it could be undersized for the intended use. If it shows any signs of frayed, cracked or heat-damaged insulation, it should be replaced. If the grounding prong is missing, crimped or loose, a grounded cord will not provide the protection designed into its performance. And always make sure that extension cords used in outdoor or potentially damp locations are rated for exterior use.



According to the Consumer Product Safety Commission, approximately 51,000 electrical fires are reported each year in the United States, causing more than \$1.3 billion in annual property damage.

Electricity is an essential necessity for modern living, and Kandiyohi Power Cooperative is committed to providing safe, reliable and affordable power to all of our members. We hope you'll keep these electrical safety tips in mind so that you can note any potential hazards before damage occurs.

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Rhubarb Custard Pie

- Ingredients**
- 3 C. Rhubarb, cut
 - 1 C. Sugar
 - 2 Tbsp Flour
 - 1/2 C. Light Cream
 - 2 Eggs
 - 1/4 tsp. Salt
 - 1 tsp. Vanilla
 - Top and Bottom Pie Crust



Directions
Mix rhubarb with 1/2 cup sugar and flour. Put into unbaked pie crust. Mix together 2 beaten eggs, 1/2 cup sugar, salt, cream and vanilla. Pour over rhubarb. Cover with top crust. Bak 15 minutes at 450 degrees then 30 minutes at 350.

3-Step HVAC Test

As summer temperatures rise, so do electric bills. Follow these steps to test the efficiency of your HVAC unit.

The outdoor temperature should be above 80 degrees, and you should set your thermostat well below the room temperature to ensure the system runs long enough for this test.

1. Using a digital probe thermometer (about \$12), measure the temperature of the air being pulled into your HVAC filter.
2. Measure the temperature of the air blowing out of your A/C vent.
3. Subtract the A/C vent temperature from the HVAC filter temperature. You should see a difference of about 17 to 20 degrees. If the difference is less than 17 degrees, you may need a licensed technician to check the coolant. If the difference is greater than 20 degrees, your ductwork may need to be inspected for airflow restrictions.



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Kandiyohi Power Cooperative

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www.kpcoop.com

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Fax: 320-796-0620
Tom McCormick
Electric Inspector: 320-221-2809

Drop boxes available for your convenience at Cash Wise and headquarters building near flag pole.

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Anthony Stern, CFO
Diane Maurice, Marketing/Customer Service
Ryan Nelson, Engineering
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District

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KILOWATT STAFF:

Robin Ryks, Editor

811 CALL BEFORE YOU DIG!!!
www.gopherstateonecall.org
1-800-252-1166



24-HOUR OUTAGE NUMBER

When your lights go out, so do we.

Call us if your power goes out even if you think your neighbors already did. Leave one light on so you know when power has been restored and make sure you have an emergency kit ready.

1-800-551-4951

ALERT TODAY, ALIVE TOMORROW: HEADS UP FOR FARM SAFETY



Stay safe around downed power lines. Consider all lines, equipment and conductors to be live and dangerous.



If you are inside farm machinery that makes contact with a downed power line, know what to do!

If you can drive safely away from the power source without bringing down the utility pole and lines, travel at least 40 ft. before exiting.

If you are unable to drive the machinery due to injury, obstacles or it is inoperable, do NOT exit. Call for help and warn anyone nearby NOT to approach.

If the vehicle is on fire, or you must exit for other safety reasons, follow these steps:

1. Jump clear of the vehicle. Do not let any part of your body or clothes touch the ground and the machinery at the same time.
2. Land with feet together and hop away in small steps to minimize the path of electric current and avoid electric shock.
3. Keep going until you are at least 40 ft. away.
4. Call for help. Make sure no one gets within 40 ft. of the downed line.
5. Do not re-enter the area or vehicle until emergency responders and your electric co-op crews determine it is safe.



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WIND ENERGY WORD SEARCH

Did you know wind can be used to generate electricity?

The wind blows, turning the blades on the wind turbine, which turns the generator inside the turbine - this produces electricity.

Circle the words associated with wind energy in the puzzle below.



Word Bank

TURBINE
WIND
ELECTRICITY
BLADES
POWER
WIND FARM
SPIN
RENEWABLE
GENERATOR
ENERGY

Fun Fact

Wind farms are built in flat, open areas where the wind blows at least 14 miles per hour.