

# KILOWATT



KPC OFFICES WILL BE  
CLOSED ON  
JULY 4TH  
IN OBSERVANCE  
OF INDEPENDENCE DAY.

## WHAT IS MISO?

Ryan Nelson, CEO

The electric grid, referred to by some as one of mankind's greatest achievements, is a sprawling network of power plants, wind turbines, power lines, substations and different technologies all owned and operated by different utilities. They all have the same goal though: serve their members and customers with reliable, affordable electricity needed to power their lives.

MISO (Midcontinent Independent System Operator) is the silent partner that we work with on this goal. They are our regional transmission organization (RTO), born from the recommendation of the Federal Energy Regulatory Commission in 1999. Their purpose is to promote economic efficiency, reliability and non-discriminatory practices. MISO operates the power grid across 15 states in the U.S. and the province of Manitoba in Canada. Our wholesale power provider, Great River Energy, is a voluntary member of MISO. MISO helps the electric providers in our region in three main ways:

### 1. Managing the grid

Even though most people have never heard of it, 42 million people depend on MISO to generate and transmit the right amount of electricity every minute of every day. MISO is like the air traffic controller of our region's grid. It has a wide-area view and control of the grid that goes beyond any one utility. This helps those utilities maintain reliability on a regional level and prevent emergency operating situations in the future or in real-time.

### 2. Managing the energy market

Coordinating the power flows and transactions in years past was a manual process requiring many agreements between utilities. Today, all generation production is offered into the MISO market and cooperatives buy back what they need to serve their member-consumers. The MISO energy market helps keep electricity affordable by ensuring the lowest cost generation available is used first to supply member-consumers and minimize flow constraints across the grid. MISO also provides improved price transparency with energy market price changes occurring every five minutes, which can be seen in real time.

### 3. Conducting transmission planning

MISO takes a broad view of the high-voltage power line system — otherwise known as the transmission system — that serves the region and conducts ongoing planning activities to ensure the system is prepared to meet future needs. It works with the region's electric utilities to minimize the cost of transmission, generation and the energy on the system. Using advanced modeling and research, MISO helps ensure reliable and efficient electricity transmission in the region and beyond.

### Why you should care

I've read numerous articles in the last month that warn of rolling blackouts in our region this summer. We all watched the events in Texas and the Southern Power Pool play out in February of 2021. Could that happen here? The short answer is yes, it could. With hydroelectric power feeling the pain from ongoing drought,

increasing fuel costs and forecasts for above-average temperatures this summer, demand could exceed supply. When our supply and our demand are no longer in balance, rolling blackouts are a blunt tool used to maintain stability in the grid. If this were to happen, MISO would direct GRE to activate their Manual Load Shed Plan.

At this time, no KPC substations are in Great River Energy's Manual Load Shed Plan so the risk here is generally low. However, to be prepared at home for any outage, please read through our Outage Safety Kit.

## Outage Safety Kit



**Drinking water & food**

**Blankets, pillows, & clothing**

**Basic first-aid supplies**



**Prescriptions**

**Basic toiletries**

**Flashlights**



**Battery-operated radio**

**Battery-operated clock**

**Extra supply of batteries**



**Phone**

**Cash and credit cards**

**Emergency numbers**



**Important documents (in a waterproof container)**

**Toys, books, & games**

**Baby supplies**



**Pet supplies**



# BUDGET 2022

**BALANCE OF BUDGET  
ACCOUNTS WILL BE  
BILLED IN JULY**

**AND DUE AUGUST 1ST**

The new budget amount will be calculated for next year and shown on your July bill. If you are not currently on budget billing and have been on our system for 12 months or more, sign up now! Call 800-551-4951.

## LIMITED TIME AIR SOURCE HEAT PUMP PROMOTION

### Ducted ASHP

#### Rebate Qualifications/Considerations:

- Must be installed in KPC territory
- Must be "QI" installed and tested in May, June, July or August 2022
- Can be combined with furnace EC motor rebate
- Ask about off-peak program and reduced electric rates
- To qualify for a rebate, must be purchased and installed in May, June, July or August 2022
- Promotional rebates based on HSPF rating

#### Ducted ASHP

≥ 8.2 HSPF  
≥ 9.0 HSPF

#### QI Rebate

\$750.00  
\$1,500.00



### Ductless ASHP

#### Rebate Qualifications/Considerations:

- Must be installed in KPC territory
- To qualify for a rebate, must be purchased and installed in May, June, July or August 2022
- Promotional rebates based on HSPF rating

#### Ductless ASHP

Delivered Fuels  
Electric Heat  
Minimum HSPF ≥ 9.0

#### Rebate

\$450.00  
\$750.00

**SAVE  
THE DATE**



**GET STUNG  
WITH THE FUN!**

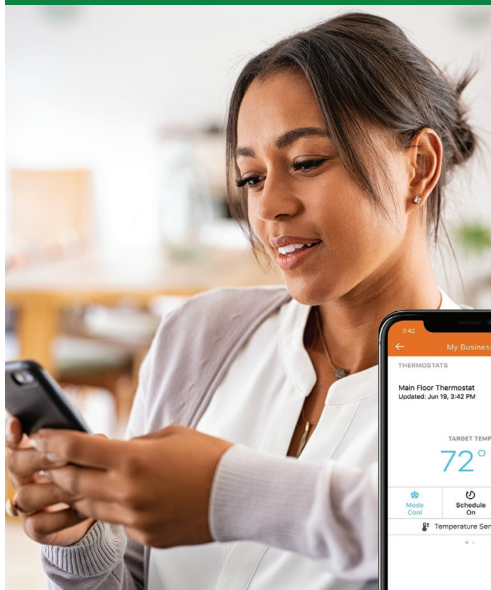
Member Appreciation  
Stingers Game July 13th



### ***Congratulations!***

Robbert Stone earned his Director Gold credential from National Rural Electric Cooperative Association (NRECA). The Director Gold credential recognizes directors committed to continuing their education and who desire a tangible credential that demonstrates their ongoing commitment to advancing their knowledge and performing their fiduciary duty to the best of their ability. Congratulations Robbert and thank you for your commitment and dedication to Kandiyohi Power Cooperative.

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## NEW WAYS TO USE ELECTRICITY

If you listen carefully, you can hear a quiet transformation happening. Electric appliances and equipment are becoming more popular than ever among consumers.

Advancements in technology and battery power coupled with decreasing costs are winning over consumers looking for comparable utility and versatility. A bonus is that use of electric equipment is quieter and better for the environment.

Inside the home, consumers and home-builders alike are turning to electric appliances to increase energy efficiency and savings. Whether a traditional electric stove or an induction stove top, both are significantly more efficient than a gas oven. That's because conventional residential cooking tops typically use gas or resistance heating elements to transfer energy with efficiencies of approximately 32% and 75% respectively (according to ENERGY STAR®). Electric induction stoves, which cook food without any flame, will reduce indoor air pollution and can bring water to a boil about twice as fast as a gas stove. Robotic vacuums are also gaining in popularity. Fortune Business Insights attributes the growth and popularity of robotic vacuums like Roomba to a larger market trend of smart home technology and automation (think Alexa directing a Roomba to vacuum).

More tools and equipment with small gas-powered motors are being replaced with electric ones that include plug-in batteries. In the past few years, technology in battery storage has advanced significantly. Hand-held tools with plug-in batteries can hold a charge longer and offer the user the same versatility and similar functionality as gas-powered tools. For DIYers and those in the building trades, national brands such as Makita, Ryobi and Milwaukee offer electric versions of their most popular products like drills, saws, sanders and other tools. In addition to standard offerings, consumers can now purchase a wider array of specialty tools that plug-in such as power inverters, air inflators and battery chargers.

Keith Dennis, an energy industry expert and president of the Beneficial Electrification League notes that, "A few years back, the



list of new electric product categories that were making their way to the market was limited—electric scooters, lawn mowers, leaf blowers and vehicles."

Today, the number of electric products available is exploding.

"There are electric bikes, school buses, pressure washers, utility terrain vehicles, backhoes—even airplanes and boats," says Dennis. "With the expansion of batteries and advancements in technology, we are seeing almost anything that burns gasoline or diesel as having an electric replacement available on the market."

A case in point is the increased use of electric-powered tools and equipment, with more national brands offering a wider selection including lawn mowers, leaf blowers, string trimmers and snow blowers. The quality of zero- or low-emissions lawn equipment is also improving.

Electric equipment also requires less maintenance, and often the biggest task is keeping them charged. In addition, electric equipment is quieter so if you want to listen to music or your favorite podcast while performing outdoor work, you can; something that wouldn't be possible with gas-powered equipment. On the horizon, autonomous lawn mowers (similar to the robotic vacuum cleaners) will be seen dotting outdoor spaces.

Another benefit of using electric appliances or equipment is that by virtue of being plugged into the grid, the environmental performance of electric devices improves over time. In essence, electricity is becoming cleaner through increases renewable energy generation, so equipment that uses electricity will have a diminishing environmental impact over time. Quite a hat trick—improving efficiency, quality of life and helping the environment.

## BOARD MEETING SUMMARY

May 25, 2022

The Kandiyohi Power Cooperative Board of Directors held their regular monthly meeting. All directors present. Chairman, Dale Anderson called the meeting to order.

Additions made to the agenda:

- Director vacancy spot

The following reports were given:

- Discussion of Director Clothing Allowance
- CEO Report – discussed monthly activities
  - Ridgewater College EV Technician Program
  - F-150 Lightning
  - Heartland Security update
  - MMG 5% Option Committee
  - May 12th Storm Response review
- Finance – Finance Manager, explained variances and discrepancies within the April budget.
  - Form 990 Tax Return
  - Tax Credit on Ford Lightning Purchase
  - Cost Est. of Storm Submitted
  - Review of PCA Charges
  - One write-off in April
- Member Services/Communications
  - COVID Pandemic Plan in place
  - Annual Meeting Attendance Review
  - Staffing Update & Training
  - Social Media Review after May 12th Storm
- Engineering/Operations
  - May 12th Storm Damage Update
  - Outage Breakdown

Motions made and approved by the Board:

- Regular Agenda
- Consent Agenda
- Write offs
- Passing of PCA monthly to members
- KPC Clothing for Board Members

Great River Energy (GRE) Director's Report by Chair Anderson

Executive Session

Meeting Adjourned – Next regular board meeting is June 28, 2022





**KANDIYOHI POWER  
COOPERATIVE**

8605 47th Street NE, Spicer, MN 56288  
www.kpcoop.com

**Office Hours: Mon.-Fri. 7:30am – 4pm**

**Phone: 1-800-551-4951**

**Fax: 320-796-0620**

**Tom McCormick**

**Electric Inspector: 320-221-2809**

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

Ryan Nelson, CEO	320-796-1160
Michele Scheffler,	
Member/Communications/HR	320-796-0982
Brent Hatlestad,	
Line Superintendent	320-796-1163
Patrick Krueger, CFO	320-796-0991

**BOARD OF DIRECTORS:** District

Dale Anderson, Chair - 320-894-1687	1
Rollo Campe - 320-894-1601	1
Larry Powers - 320-212-7960	1
Dan Pomranke, VC - 320-894-7113	2
Todd Post - 320-212-1119	2
Stan Wubben, Secretary - 320-905-8325	2
Ryan Erickson - 320-979-5033	3
Diane Helgeson - 320-220-3745	3
Robbert Stone - 320-894-8867	3

**KILOWATT STAFF:**

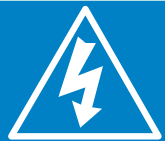
Michele Scheffler, Editor



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The Cooperative will attempt to furnish continuous service but will not guarantee uninterrupted service.



## In Memoriam

**Ryan Leif Erickson**

**March 3, 1959 - May 12, 2022**



## SIGN UP FOR AUTOPAY BY JULY 25TH FOR A CHANCE TO WIN STINGER'S TICKETS!

AutoPay takes the worry out of paying your bills. Simply enroll your account with a preferred payment source, and your bill will be paid each month automatically on the due date.

AutoPay is safe, easy and convenient. After the initial set-up, you won't have to spend any time paying your Kandiyohi Power Cooperative bill each month. You'll have peace of mind knowing you will never have to pay a late fee or worry about a misplaced bill. AutoPay is free. It saves you the cost of stamps and checks, not to mention the effort of mailing your payments. If you like to keep a paper trail, no problem. With AutoPay you can still receive bills online or in the mail.

You can have your bill payment automatically transferred from your designated checking account, savings account, debit card or major credit card **FREE** of charge. Automatic payments using a debit card or credit card need to be set up using SmartHub.

### FOR YOUR CHANCE TO WIN

To be entered into the drawing for Stinger's tickets, you must be currently enrolled in AutoPay or sign up by July 25th.

### HOW DO I APPLY FOR AUTOMATIC PAYMENT?

Online: Get started by enrolling online through SmartHub. Visit [www.kpcoop.com](http://www.kpcoop.com).

By Phone: Call (800) 551-4951 enroll in automatic payment using a savings or checking account.

**May's \$25 Auto Pay Winner: Tim & Alicia Quisberg**