

# KILOWATT

## POWER SUPPLY TRANSITION MOVES FORWARD

### 40 YEAR MEMBERSHIP MILESTONE

On July 26th, the Willmar Lakes Area Chamber of Commerce presented KPC with our 40-year membership milestone! We are proud to support our local Chamber!



101236002

### NOTICE —

*Happy*  
**LABOR  
DAY**

**KPC OFFICES  
WILL BE CLOSED**

**MONDAY, SEPTEMBER 6<sup>TH</sup>  
IN OBSERVANCE OF  
LABOR DAY.**

*If you need assistance call  
1-800-551-4951.*



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On Friday, July 30<sup>th</sup> Great River Energy, KPC's wholesale power provider, held a Special Meeting of the Members to vote on the sale of Coal Creek Station in McLean County, North Dakota and the HVDC (high voltage direct current) system which terminates in Buffalo, MN. The member-owners of Great River Energy voted to approve the sale of the power plant and transmission system to Rainbow Energy Center, LLC and Nexus Line, LLC, respectively.

Great River Energy, like KPC, is a not-for-profit electric cooperative. GRE is owned by 28 electric distribution cooperatives, collectively serving approximately 700,000 members in Minnesota. GRE is the second largest electric power supplier in Minnesota, and one of the largest generation and transmission cooperatives in the country. GRE, being a cooperative like KPC, makes decisions based on the values and expectations of their entire membership while also remaining mindful of the effects those decisions have on the employees, their families, and the surrounding communities.

The sale of Coal Creek Station is one component of a larger transition of Great River Energy's power supply portfolio. The cooperative is adding 900 megawatts of wind energy in the coming years, more than doubling its already sizeable portfolio. It is also building a 1-megawatt energy storage project, which will serve as the first real-world test for a promising long-duration energy storage technology.

A separate agreement with Rainbow will result in Great River Energy receiving energy on a contractual basis. Great River Energy will receive energy equal to approximately the full output of Coal Creek

Station for two years, followed by approximately a quarter of the plant's output for eight years. This agreement will be important to ensure your electricity is dependable and affordable as renewable energy and energy storage technology advance.

The decision to sell Coal Creek Station will provide financial benefits to cooperatives member-owners. It will also preserve jobs. With market economics driving changes to power supplies nationwide, utilities are doing more to ensure the well-being of employees after the divestiture of fossil assets and help soften impacts to local communities.

One aspect of the sale that was important to Great River Energy and KPC was Rainbow's plan to develop carbon capture and sequestration at Coal Creek Station. The area surrounding the plant is geologically suited for the technology, and the state is providing support for the development of the technology. If this project is successful, it will be a game changer for sequestration on a global scale.

### Minnesota Carbon Goals

Minnesota has had a carbon reduction goal in place for quite some time. The Next Generation Energy Act passed in 2007 set an ambitious goal to reduce greenhouse gas emissions across Minnesota's economic sectors 30 percent by 2030 and 80 percent by 2050. Great River Energy has already hit its 30 percent reduction goal, well ahead of schedule. With this change in their power supply portfolio, GRE will also meet the State's 80 percent reduction goal, nearly 26 years ahead of schedule.

— Ryan Nelson, CEO

## HOME CHARGING OPTIONS FOR ELECTRIC VEHICLES

Electric vehicle (EV) owners have multiple options for charging their vehicle at home. There are three common EV charging levels: Level One, Level Two and DC Fast Charge.

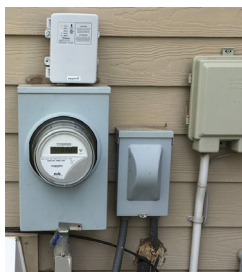
### Level One Charging

Level One is the most basic charging level. If you choose this option, your EV will typically include an adapter that plugs into a typical 120-volt outlet. This is the easiest and cheapest charging solution, but it will take much longer to charge your EV.

### Level Two Charging

Level Two is about three to five times faster than Level One, but this level of charging often requires separate purchases and installation. The EV is plugged into a 240-volt outlet, which is used for larger appliances, like a clothes dryer. Most homes do not include a 240-volt outlet in garages, so the outlet must be installed by a licensed professional. You typically see Level Two charging stations at shopping malls, office buildings and multi-family community spaces.

## LOAD MANAGEMENT CHANGE OUT

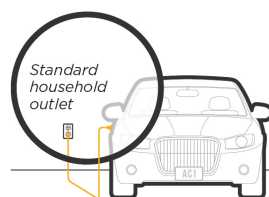


KPC is currently updating our Load Management Equipment due to new technology. The Load Management Equipment controls

your off-peak programs and is typically located on the side of your home. We have contracted with a local electrician to update the equipment. The contractor's vehicle will be marked with KPC logo. If you have any questions or concerns, please call 800-551-4951 or email [contactus@kpcoop.com](mailto:contactus@kpcoop.com).

## Electric Vehicle Charging Levels

### AC Level One



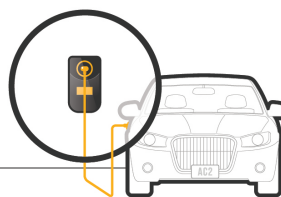
**VOLTAGE:**  
120V 1-Phase AC

**AMPS:**  
12-16 Amps

**CHARGING LOADS:**  
1.4 to 1.9 kW

**VEHICLE CHARGE TIME:**  
3-5 Miles per Hour

### AC Level Two



**VOLTAGE:**  
208V or 240V 1-Phase AC

**AMPS:**  
12-80 Amps (typ. 32 Amps)

**CHARGING LOADS:**  
2.5 to 19.2 kW (typ. 6.6kW)

**VEHICLE CHARGE TIME:**  
10-20 Miles per Hour  
20+ for some EV models

### DC Fast Charge



**VOLTAGE:**  
208V or 480V 3-Phase AC

**AMPS:**  
<100 Amps

**CHARGING LOADS:**  
50-350 kW

**VEHICLE CHARGE TIME:**  
60-80 Miles in 20 Minutes

Sources: Advanced Energy and EPA

### DC Fast Charging

DC Fast Charge stations are typically seen near high-traffic public areas, like gas stations, rather than in homes. This is the fastest charging level, with the ability to charge an EV at 80% in under 30 minutes. As EVs continue to become more popular, you can expect to see more DC Fast Charge stations throughout Minnesota.

If you're charging an EV at home, please contact Kandiyohi Power

Cooperative at 800-551-4951 or email [contactus@kpcoop.com](mailto:contactus@kpcoop.com). EV charging creates additional energy demand. The time of day you charge your EV can have an impact on the grid and your monthly energy costs. By letting us know about your EV charging levels, we can help ensure your home is prepared for the additional energy consumption, and you can take advantage of our EV load management rate.



### The Power to Protect So You Can Play.

Our 24/7 monitoring will give you peace of mind that your home is protected from burglary, fire, water damage, and more — so you can keep your head the game.

**888.264.6380 | [heartlandss.com](http://heartlandss.com)**





# COME IN FOR A TEST DRIVE

Did you know that Kandiyohi Power Cooperative leased a Tesla Model 3? Have you driven or rode in an electric vehicle before? We invite you to come in for a test drive! But, first, we urge you to leave your presumptions at the door and simply try it before you pass any judgment. We think you will find it comfortable, quiet and family-friendly. Most electric cars deliver instant power from a stop and are smooth riding.

We recently had our very first test drive with member-owners Ron and Lynn VanNurden of Spicer. Ron and Lynn were kind enough to answer some questions about their drive in the Tesla. Ron and Lynn currently have a Ford Edge that they are thinking of replacing.



Ron and Lynn VanNurden  
Thanks for coming in! We enjoyed the drive!

### Why are you looking into purchasing an electric vehicle?

We need to replace our existing vehicle soon. We got to looking at cost and there really wasn't much of a difference. Maintenance is very economical. We are concerned about the environment and it's only going to get worse with global warming. This might be a solution to that problem.

### How do you think an electric vehicle would fit into your life?

We were looking at it for mostly short distance driving. We are retired and drive about 40 miles a day at the most; back and forth to Willmar, running errands.

We would take our other vehicle for longer trips, but after riding in the Tesla today, we might need to reconsider that. When traveling, we would just plan to stop for a meal and charge as we are eating.

### What (if any) is an obstacle that you think you'd have to overcome?

The idea for not using it for super long trips. We were impressed with the electronics and how the charging stations are all mapped out for you.

### What was your least favorite part of driving the Tesla?

It was very low. We don't know if we would like it in the Minnesota snow. We would like a vehicle that sat up a little higher and when looking to purchase an electric vehicle, we will look to purchase an SUV or crossover.

### How is driving an electric vehicle different?

The acceleration was better. It goes fast! The car is very quiet. The auto-steer function is a little frightening at first, but interesting and fun once you figure it out. It's a totally different feel!

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Have you ever considered driving an electric vehicle? Maybe you have noticed a few more electric vehicles on the road and have some questions. We would be more than happy to share our knowledge with you and take you for a test drive! Give us a call at 800-551-4951 or email at [contactus@kpcoop.com](mailto:contactus@kpcoop.com).

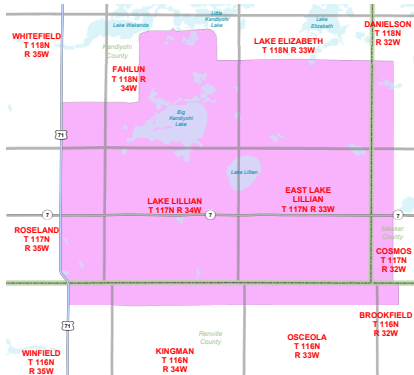


Our second test drive was with Steven and Jennifer Molenaar.

Thanks for coming in! We enjoyed the drive!

## POLE TESTING

Our contractor, Ram Utilities, will be conducting pole inspections in the highlighted areas of our service territory. Their vehicles will be marked with the KPC logo. Let us know if you have any questions!



# GENERATOR Safety

Avoid deadly backfeed and keep linemen safe.

Learn how to safely connect to your portable generator at:

SafeElectricity.org





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**

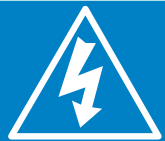
Drop boxes available for your convenience  
at Cash Wise and our headquarters  
building near flag pole.

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

<b>BOARD OF DIRECTORS:</b>	<b>District</b>
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:**  
Robin Ryks, Editor

**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**



## OPERATION ROUNDUP

Operation Round Up is a volunteer community support program. It is designed to provide financial assistance to worthwhile projects and charities in our area. It's people helping people.

### How does it work?

Each month, KPC will "round up" the electric bills of participating members to the next dollar. For example, if your June bill was \$52.73, we would round it up to \$53.00. The additional 27 cents would go to the Operation Round Up fund.

### What will the money be used for?

That decision ultimately lies with the Trust Board which will administer the fund. The Bylaws allow the Trust Board to make donations to any worthwhile charitable cause.

Possible projects include firefighting equipment for volunteer fire departments; life-saving equipment for ambulance or rescue squads; hospice programs; education scholarships; youth programs; food shelves; crisis centers; medical services following an accident or natural disaster.

### Who administers the fund?

The Trust fund will be administered by the Kandiyohi Power Charitable Trust Board, a group of citizens appointed by, but operating independently of the Cooperative Board of Directors. The Trust Board will evaluate funding requests and determine how the funds will be distributed.

### How are Operation Round Up funds applied for?

Application forms are available on our website, at the Kandiyohi Power Cooperative office and from the Trust Board members. Once an application form is completed, it should be forwarded to Kandiyohi Power Cooperative.

The Operation Round Up board meets on the third Wednesday of every month. Applications are due January 1, April 1, July 1 and October 1. For the request to be considered, an application form must be submitted.

Are you interested in serving on the Operation Round Up board? We currently need trustees in District 1 and District 3. If you would like more information, call 800-551-4951 or email [contactus@kpcoop.com](mailto:contactus@kpcoop.com).

Operation Round Up Donations

Green Lake BMX – Bikes/Helmets	\$1,000.00
Kandiyohi County Area Family YMCA	\$1,500.00
Let's Go Fishing	\$1,000.00
SWWC Foundation for Innovation of ED	\$1,000.00
Tim Orth Memorial Foundation	\$3,000.00
Lutheran Social Services -LSS Meals/Spicer	\$3,500.00
Pennock 1st Responders	\$1,000.00
Sunburg Ambulance	\$1,000.00
Atwater Ambulance	\$1,000.00
<b>Total</b>	<b>\$14,000.00</b>

Thank you to all our member-owners for your monthly donations to this great organization! Operation Round Up makes a big difference in our local community. It would not be possible without your generosity.

Next Operation Round Up meeting is October 20, 2021.

Applications for grant funds are due October 1, 2021

Applications are available on our website at [www.kpcoop.com/operation-round](http://www.kpcoop.com/operation-round)

## 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. No one claimed their account number for a \$5 credit. Each account number is worth \$5.00.