

KILOWATT

WHY ELECTRIFY?

ARTICLE BY: SCOTT FROEMMING, CEO



Electricity production and usage has undergone a metamorphosis. Pollution from its production has fallen dramatically and is still falling, at a rapid pace. The efficiency of using electricity has risen dramatically and is still rising, at a rapid pace.

Yet – and this is an astonishing fact – electricity's real cost is at its historic low. Electric bills have dropped to 1.32 percent of consumer expenditures this year. At the same time, electricity's environmental impact has shrunk and keeps shrinking while it's efficiency has grown and keeps growing.

Currently, one fifth of the energy used in America is electrical. What's the other four-fifths? Generally, the burning of fossil fuels at the point of use. We burn fossil fuels just beyond our steering wheels in our cars, to drive them. We burn fossil fuels just below our kitchens in our basements, to heat our homes. The food we eat is produced with farm tractors and delivered with freight trucks powered by fossil fuels.

Not long ago, nationally, our electricity came from a mix of around fifty percent coal-fired generation, ten percent oil-fired, ten percent natural gas-fired, and thirty percent zero-carbon (from hydro and nuclear). Not long from now, our electricity will be a mix of around ten percent coal-fired, zero percent oil-fired, thirty percent gas-fired, and sixty percent zero-carbon renewables (wind, solar and hydro). Electricity will then be far cleaner.

The zero-carbon share will double. It will rise from thirty percent to sixty percent. The high-carbon share will be a sixth of what it had been. It will fall from fifty percent to ten percent. The grid's electricity, on average, recently became cleaner than combusting oil at the point of use. How did that happen? The zero-carbon and low-carbon percentage shares keep growing and their growth is offsetting the shrinking high-carbon share.

So, powering your car with the grid is now cleaner and cheaper than powering it with gas. Electricity wasn't as clean before as it is now. On top of that electric cars have way less maintenance because they have far fewer moving parts. Electric cars are safer because they are not carrying around a tank full of highly flammable or possibly explosive fuel. If you're interested in a clean, reliable, safe and economical vehicle, check out the all-electric and plug-in hybrid electric vehicles currently available. Please call or email us with your electric car questions, we'd love to help demystify this clean and economical transportation option.

Why electrify? Electricity is the cleanest, most reliable and most economical choice for more and more energy applications. A prime example is electric cars versus those powered by internal combustion engines. Electric vehicles are already cleaner than gas powered cars and they will only get cleaner as more and more of their energy comes from renewable resources. As we continue to evaluate the use of fossil fuels in our homes and businesses we will find this same scenario playing out. Electricity will be cheaper and cleaner than burning fossil fuels. Again, why electrify? The short answer is "it just makes sense"!



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

NOTICE – INFORMING KPC MEMBERS

Global Mapping Systems have begun GPSing Kandiyohi Power Cooperative lines. Completion of this project will take about 8 months. Any vehicle or ATV on your property that is involved in this project should have a KPC sign on it for identification.



We are also having transformers re-painted beginning late June for approximately 2 months. These vehicles also will have KPC identification on them. If you have any questions or concerns, please notify us at 1-800-551-4951.

KPC'S ASSISTANT MANAGER OF ENGINEERING, RYAN NELSON PREPARES FOR THE FUTURE

Ryan Nelson graduates from the Management Internship Program (MIP)

Madison, WI, April 2018: Ryan Nelson has completed an intensive program in electric utility management with the University of Wisconsin, - Madison.

The Robert I. Kabat Management Internship Program (MIP) is a series of workshops offered by the National Rural Electric Cooperative Association in conjunction with the University of Wisconsin. The program guides participants through all facets of the electric utility industry, including the many changes occurring around the nation.

Ryan is one of only a few electric utility management staff that will graduate from the Management Internship Program this year.

MIP participants go through three 10-day sessions designed to challenge and educate participants in new, innovative management techniques. Participants leave with a better understanding of what consumers want and how to ensure they get it.

By also covering the unique principles that govern the operations of electric cooperatives, the program helps the co-op analyze other business ventures it may want to enter as well as enhancing the core organization.

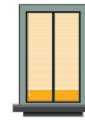
Only rural electric cooperative CEOs and top-level management participate in the program. This allows greater emphasis of study, on management challenges and the aspects of consumer-ownership that cooperatives enjoy. Participants learn focus on member value as part of day-to-day decision making.

Ryan has completed one of the most exclusive educational programs in the nation for electric cooperative management.



Summer Energy-Saving Tips

Costs associated with cooling your home can make up a large portion of your summer electric bills. Stay cool and save money with these energy efficiency tips!



NO-COST TIPS

Close blinds and drapes during the day to keep heat out.



Set your thermostat to 78 degrees when you are home. Set it to a higher temperature when you're away.



Turn off lights and ceiling fans when you leave a room.



LOW-COST TIPS

Plant trees and shrubs to shade the exterior of your home.



Replace disposable air filters (or clean permanent filters) once a month to maximize efficiency.



Use solar lighting to brighten up your outdoor space. Solar lights are easy to install, low maintenance and provide free electricity.



AMERICA'S ELECTRIC COOPERATIVES

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KILOWATT CREDIT SCORECARD

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We will credit your bill. Do not deduct the amount from your bill; pay as usual. Wayne Friedrich found his account number. Each account number is worth \$5.00.



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OPERATION ROUND UP QUARTERLY DISBURSEMENTS

Thanks to all our members who donate to this awesome program. Because of you, we can help our community programs continue providing services to others.

Kandiyohi County YMCA	\$1500
AIM	\$ 500
WPS Child Guide Program	\$1000
BBE Area Food Shelf	\$ 750
Kandiyohi County Area Food Shelf	\$1000
Little Crow Anglers Youth Clinic	\$ 500
Kindred Family Focus	\$ 500
Relay for Life	\$1500
WCI Resource Center	\$1000
NLS Post Prom	\$ 200
Willmar Post Prom	\$ 200
ACGC Post Prom	\$ 200
BOLD Post Prom	\$ 200
Dream Technical Academy Prom	\$ 200
KMS Post Prom	\$ 200
Kandiyohi County Public Libraries	\$1000
Total Disbursements	\$10,450



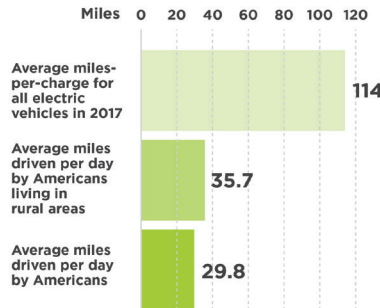
Balance of "Budget" accounts will be billed in July and due August 1st. The new budget amount will be calculated for next year and shown on our July bill. If you are not currently on our "Budget Plan", now is the time to sign up. Call Jan at 1-800-551-4951.

Easing Electric Vehicle Range Anxiety

Range anxiety—fear of the battery running out before you're able to recharge—is a roadblock to wider use of electric vehicles. But statistics show this fear is overblown, even if you live in a rural area. While extra planning may be needed for vacations or longer trips, nearly everyone's daily driving needs can be met with one charge.



AVERAGE MILE COMPARISON



And when you're done driving your electric vehicle for the day, you can plug it in to recharge overnight, "topping off the tank" while you sleep!

Sources: Dept. of Energy, Energy Information Administration, AAA Foundation for Traffic Safety.



GET STUNG WITH THE FUN!

Customer Appreciation
Stingers Game July 11th

See enclosed flyer.



CALL BEFORE YOU DIG!!!

gopherstateonecall.org

1-800-252-1166

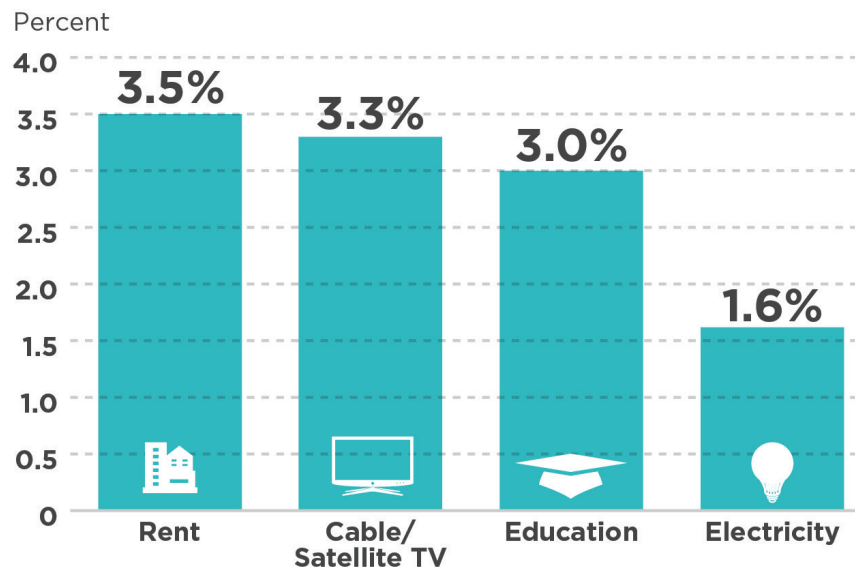


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ELECTRICITY REMAINS A GOOD VALUE

The cost of powering your home rises slowly when compared to other common expenses. Looking at price increases over the last five years, it's easy to see electricity remains a good value!

Average Annual Price Increase 2012-2017



Sources: U.S. Bureau of Labor Statistics
Consumer Price Index



Kandiyohi Power Cooperative

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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 headquarters building
near flag pole.

MANAGEMENT STAFF

Scott Froemming, CEO
Anthony Stern, CFO
Diane Maurice, Marketing/Customer Service
Dave Nelson, Engineering
Scott Luberts, Line Superintendent

BOARD OF DIRECTORS:

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KILOWATT STAFF:

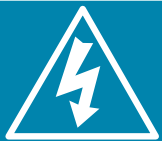
Robin Ryks, Editor



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

Pickled Asparagus

Ingredients

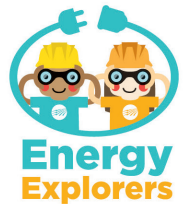
1 clove of garlic
1/2 teaspoon red pepper flakes
1/4 teaspoon sea salt
1 teaspoon dill
1 teaspoon dried oregano
1 teaspoon mustard seeds
1/2 teaspoon black peppercorns
10-20 spears of fresh asparagus, depending on size



Directions

Wash and sterilize your mason jars. Line up on the counter like little ducks in a row. Into each jar, put the garlic, red pepper flakes, salt, dill seeds, oregano, mustard seeds, and black peppercorns. Wash the asparagus and cut the bottom of the stem off so that the asparagus fits into the quart jar. Gently stuff each quart jar with as many asparagus spears as it will hold. You should now have quart jars shoved full of spices and asparagus spears. Heat up a vinegar brine to near boiling – 50% filtered water to 50% white vinegar. The amounts you'll need will vary depending on how many quart jars you're processing. Once the vinegar brine is heated up, gently pour it into each asparagus filled quart jar, leaving 1/4" head space at the top. Secure a sterilized lid and band onto each quart jar. Process the asparagus for 15 minutes in a boiling water bath canner. Gently remove and set on the counter to seal.

SUMMER FUN WORD SEARCH



Summer is the best time of the year! Can you find all the words associated with summer fun in the puzzle below? Use the word bank for help.

T	U	O	K	O	O	C	P	V	R	I	K	P	G	N
X	G	H	M	C	W	Y	E	H	C	U	A	S	K	F
S	E	T	G	I	C	X	L	E	J	P	S	A	S	Q
Y	A	E	E	Q	D	I	C	G	F	I	J	F	H	Q
N	B	O	H	F	I	R	Q	N	M	V	O	I	C	Y
V	Z	P	J	S	E	H	W	O	W	T	T	R	A	I
L	R	K	P	A	U	O	X	D	W	D	Z	E	E	U
S	W	I	M	M	I	N	G	P	O	O	L	F	B	V
C	W	F	D	T	L	R	S	H	G	O	U	L	T	K
O	I	T	H	X	W	Q	N	C	R	H	H	I	C	P
V	B	N	A	M	O	Z	F	K	R	W	E	E	H	D
X	O	U	C	Z	I	N	K	V	D	E	J	S	M	H
Z	J	Z	I	I	P	U	M	Y	L	J	E	P	G	T
U	K	T	R	X	P	K	U	U	L	O	H	N	R	W
O	Y	Z	L	N	G	Q	U	S	G	G	K	R	C	V

WORD BANK

BEACH
COOKOUT
FIREFLIES
ICE CREAM

PICNIC
SUNSCREEN
SWIMMING POOL

