

# Cooperative Connections

**Co-ops support  
H.S. events**

Page 8

**Young adults  
forge the future  
of cooperatives**

Page 12



# July 2020 Board Minutes and May 2020 Financial Info

The July 22, 2020, board of directors' meeting was held with the following directors present: Bartlett, Clark, Hieb, Keckler, Landis, Lawrence, McLellan, Walker and Wall, director absent: Maher and others present: Manager Maher and Finance Officer Dahlgren (Delegated Recorder of Minutes).

The Large Power Users monthly report was given by Sue Sherwood, which included topics on large power usage and payments.

The Member Services report was given by Roger Lawien, which included Corson County Fair, SDREA Editors Workshop, fiber internet connections, building maintenance, computer updates, SmartHub and annual meeting.

The operations report was given by Kent Larson, which included outages, update on new buildings, bucket truck, pole changes, retirement, road project line move estimates, WAPA substation maintenance, MDU outages and house moves.

Manager Maher gave the managers report that included a discussion on memberships and changes made to the application form, Load Management report, SDREA News Bulletin, East River News Line, Badger Park easements, WAPA Tribal credit contract and personnel changes.

The board reviewed the director petitions received in Districts 2, 3 and 5.

The board discussed the CFC Special Membership meeting scheduled for Aug. 14 for the purpose to review proposed changes to the CFC Bylaws to allow virtual setting.

Director Lawrence gave the Rushmore Board meeting report held via phone conference that included a financial report, renewable energy, load control program, R-F Calf resolution of support, Vic reported on safety, WAPA allocations, solar site and avoided costs, RCI update, staff reports,

set annual meeting for April 5-6, set dates for Building Committee meeting, Wage and Salary Committee meeting and member cooperative issues.

Director McLellan gave the SDREA board meeting report that included a RESCO update, Value Added update, round table discussion, Task Force and Health Insurance Partnership updates, NRECA update, Basin update, Central Electric and Oahe Electric presentations, CFC report, Wind Energy report, Attorney report, Manager report, manager search committee, approve Value Added donation, audit report and authorized resolution requesting Integrity Fund reimbursement.

Manager Maher gave the Rushmore Managers meeting report that included WAPA contracts, membership classifications, Health Insurance Partnership discussion, Task Force and Basin's options for DGC.

Manager Maher gave the SDREA Managers meeting and Legal Seminar report that included promoting the International Foundation, Federated Strategy Lab, wage and salary survey, Health Insurance Partnership proposal, round table discussion, SD State Fair Booth, Legislative update, Electric Cooperative Governance and Transparency, FERC and PURPA update and Basin rates FERC filing.

Board approved the following: the agenda, the minutes from the June meeting, new members, refunds, line extensions, financial statistics, disbursements, safety report, \$10 bill credit to members attending the annual meeting in lieu of a giveaway item, a general capital credit retirement of \$500,000, director petitions for Districts 2, 3 and 5, Form 990, select Manager Maher as the CFC voting delegate, Special Equipment Summaries 407-409 in the amount of \$46,039.69 and letter of support for Basin rate FERC filing.

The next board meeting was scheduled for Aug. 18, 2020, at 8:30 a.m., in the Timber Lake office.

## May 2020 Financial Information

	May 2020	May 2019	YTD 2020
<b>Operating Revenues</b>	\$868,781	\$927,010	\$5,549,089
<b>Cost of Power</b>	\$398,305	\$404,320	\$2,731,610
<b>Cost of Electric Service</b>	\$977,640	\$886,470	\$5,272,904
<b>Margins</b>	\$(106,606)	\$42,773	\$312,487
<b>kWh Purchased</b>	7,156,237	7,510,546	49,726,683
<b>kWh Sold</b>	6,167,860	6,741,663	45,535,949



# Moreau-Grand Electric Cooperative Connections

(USPS No. 018-951)

**Manager:** Melissa Maher

**Editor:** Roger Lawien,  
Member Services & IT Director

## Directors

Larry Hieb, President  
Kerry McLellan, Vice President  
Lois Bartlett, Secretary-Treasurer  
Clint Clark  
Bob Keckler  
Kelly Landis  
Paul Lawrence  
Ryan Maher  
Royce Walker  
Troy Wall

**Attorney:** John Burke

## Management Staff:

Kent Larson,  
Operations Superintendent  
Linda Dahlgren, Finance Officer  
Kyrie Lemburg, Accountant  
Hunter Smith, Staking Foreman

MOREAU-GRAND ELECTRIC COOPERATIVE CONNECTIONS is published monthly by Moreau-Grand Electric Cooperative, PO Box 8, 405 Ninth St., Timber Lake, SD 57656-0008, for the members of electric cooperatives across South Dakota. Families subscribe to Moreau-Grand Electric Cooperative Connections as part of their electric cooperative membership. Moreau-Grand Electric Cooperative Connections' purpose is to provide reliable, helpful information to electric cooperative members on matters pertaining to rural electrification and better rural living.

Subscription information: Electric cooperative members devote 50 cents from their monthly electric payments for a subscription. Nonmember subscriptions are available for \$12 annually. Periodicals Postage Paid at Timber Lake, S.D., and at additional mailing offices.

POSTMASTER: Send address changes to: Moreau-Grand Electric Cooperative Connections, PO Box 8, Timber Lake, SD 57656; Phone (605) 865-3511; Fax (605) 865-3340; e-mail [mge@mge.coop](mailto:mge@mge.coop); Web site [www.mge.coop](http://www.mge.coop). This institution is an equal opportunity provider, employer and lender.

Design assistance by SDREA



## 2021 Scholarships Available

All three of the scholarship opportunities listed below are available at our offices in Timber Lake and Eagle Butte, online at [www.mge.coop](http://www.mge.coop) or simply give us a call at 1-800-952-3158 or locally at 605-865-3511. They are also available at local schools.

### #1 Director Scholarships

Our board of directors have decided to donate a portion of their compensation to a new scholarship fund. Five, \$500 scholarships will be awarded. One for each of the five director districts. The deadline for this opportunity is **Sept. 21, 2020**.

#### Scholarship requirements are:

- Student's parent/guardian is a member of Moreau-Grand Electric Cooperative.
- The application must be filled out in its entirety.
- The winner will be chosen by drawing at the September board meeting.



### #2 Basin/Moreau-Grand Scholarship

Each year Moreau-Grand Electric offers a \$1,000 scholarship to one area student, chosen by our power supplier Basin Electric Cooperative. We have not received the 2021 Basin Electric application yet. The specific date and details will be released later. The deadline for this opportunity is Jan. 20, 2021.

### #3 Resource Conservation Speech Contest

Each year the South Dakota Department of Agriculture, Resource Conservation and Forestry Division sponsors a resource conservation-oriented speech contest. Any South Dakota student in grades 9-12 is eligible to enter. This includes public, private and home-schooled students.

- **First Place:** \$1,100 Scholarship
- **Second Place:** \$750 Scholarship
- **Third Place:** \$450 Scholarship

The contest is sponsored by the Touchstone Energy® Cooperatives of South Dakota. The deadline for this opportunity is March 27, 2021.

## Energy Efficiency Tip of the Month

Clothes dryers make up a large portion of your appliance energy consumption. Clean the lint filter after each cycle and scrub the filter with a toothbrush once a month to remove film and increase air circulation.

Source: [energy.gov](http://energy.gov)



## Recreational Boating: Stay Safe on the Water

With more than 11 million recreational vessels registered in the U.S., millions of Americans are enjoying time on and in the water.

Each year, roughly 4,000 boating incidents occur, causing more than 2,500 injuries and about \$46 million in property damage. Stay safe by being prepared and using the appropriate equipment, whether enjoying a ride on a motorized boat, paddling a kayak or wakeboarding.

Life jackets are at the core of safe boating, whether using a motorized or non-motorized vessel. The U.S. Coast Guard reports 76 percent of boating deaths in 2017 were due to drowning, and 84 percent of the victims were not wearing a life jacket.

While regulations on life jacket use vary from state to state, the Wear It program of the National Safe Boating Council promotes boating safety by encouraging boaters to wear life jackets any time they are on a boat, motorized or non-motorized.

Good swimmers still need life jackets. When people fall off a boat, they may become disoriented, injured or unconscious. Life jackets can keep victims' heads above water so they can breathe and be rescued more easily. Every child should wear a life jacket at all times when boating.

Choose the right life jacket for the activities you will be doing. Double check to make sure the life jackets are U.S. Coast Guard approved and fit correctly:

- Make sure the jacket is a proper fit for your size and weight
- Make sure the jacket is properly fastened
- Hold your arms straight up over your head, ask a friend to grasp the tops of the arm openings and gently pull up; make sure there is no excess room above the openings and that the jacket does not ride up over your chin or face.

The National Safe Boating Council encourages following these boating safety tips to help minimize risks:

- Take a National Association of Boating Law Administrators safety course
- Be familiar with the boating state laws
- Know the "Rules of the Road"
- When operating a motorized boat, know about carbon monoxide; this odorless, colorless poisonous gas is emitted by all combustion engines and onboard motor generators.

## Taggart, Schmidt win Glenn English scholarships

Anneliese Taggart of Vermillion recently landed a \$10,000 scholarship award presented by the National Rural Electric Cooperative Association (NRECA).

Carter Schmidt of Colman also won a \$1,000 scholarship through the Glenn English Youth Tour Alumni Scholarship program.

Taggart and Schmidt were participants in the 2016 NRECA Washington Youth Tour. Taggart was sponsored by Clay-Union Electric Corp., while Schmidt was sponsored by Sioux Valley Energy.

Taggart was elected by her peers to join the Youth Leadership Council. She participated in a grassroots panel discussion at NRECA's Annual Meeting last year and also helped teach a

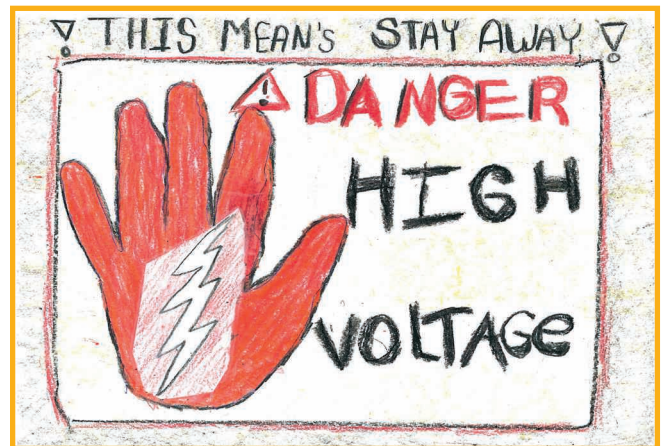
course called "Bridging the Gap" to encourage young adults to vote.

Now in its fifth year, the Glenn English National Cooperative Leadership Foundation has awarded nearly \$100,000 in scholarships to NRECA Youth Tour alumni.

The Glenn English scholarships are one of the few sources of private scholarships for college students. Applicants are required to have completed one year of college as a full-time student.

Glenn English, former CEO of NRECA, spent his career championing the co-op business model and fighting to improve the quality of life for all Americans. A native of Oklahoma, he served 10 terms in Congress.

## KIDS CORNER SAFETY POSTER



**"Danger! High voltage! This means stay away!"**

**David Biggins, 10 years old**

David Biggins is the son of Jessy and Katie Biggins. They reside in Gregory, S.D., and are members of Rosebud Electric Association.

Kids, send your drawing with an electrical safety tip to your local electric cooperative (address found on Page 3). If your poster is published, you'll receive a prize. All entries must include your name, age, mailing address and the names of your parents. Colored drawings are encouraged.

# Goodies from the Garden

## Mashed Potatoes with Kale

- |                      |  |
|----------------------|--|
| 4 med. potatoes      | 1/4 c. grated cheese<br>(cheddar or Colby)     |
| 2 Tbs. butter        |  |
| 1 Tbs. milk or cream | 1-1/2 c. chopped raw kale,<br>mid-ribs removed |

Peel potatoes if desired, cut into chunks, boil until tender, about 15-20 minutes. Drain, mash and add remaining ingredients. Stir until well combined. Serve with sea salt and pepper. *Mary Jessen, Holabird, SD*

## Cabbage Salad Bowl

- |                         |                      |
|-------------------------|----------------------|
| 4 cups shredded cabbage | 1/2 tsp. salt        |
| 1 c. shredded carrots   | 2 Tbs. sugar         |
| 2 Tbs. tarragon vinegar | 1/2 c. light raisins |
| 1/4 c. mayonnaise       | 1/4 c. orange juice  |

Soak raisins in orange juice while preparing vegetables. Combine cabbage, carrots, sugar and salt in a bowl. Add mayonnaise along with raisins and juice. Toss lightly. Refrigerate until time to serve. Serves 8. *Verna Knapp, Waubay, SD*

## Balsamic Vegetable Salad

- |  |                                    |
|--|------------------------------------|
| 3 lg. tomatoes, wedged                         | 1/4 c. balsamic vinegar            |
| 3 med. cucumbers, peeled,<br>halved and sliced | 3 Tbs. water                       |
| 1/2 c. olive oil                               | 1 envelope Italian dressing<br>mix |

In a salad bowl combine tomatoes and cucumbers; in another small bowl whisk oil vinegar, water and dressing mix. Pour over vegetables and toss to coat. Yields: 6 servings. *Jane Barthel, Elkton, SD*

## Rhubarb Upside Down Cake

- |                         |                       |
|-------------------------|-----------------------|
| Yellow cake mix         | 3-4 c. sugar          |
| 4-6 c. rhubarb, chopped | 1 pint whipping cream |

Mix cake mix as directed. Put in a 9x13-inch pan. Mix rhubarb with sugar; pour over cake. Pour whipping cream over mixture and bake at 350 for 30-45 minutes. *Shirley Dreher, Clark, SD*

## Zucchini Dish

- |  |   |
|--|---|
| 1/4 c. cooking oil                       | 1/2 med. green, red or<br>yellow pepper cut in thin<br>strips |
| 1 lb. unpeeled thinly sliced<br>zucchini |   |
| 1 lg. carrot, coarsely<br>shredded       | 1/4 tsp. dried basil, crushed                                 |
| 1 lg. onion, chopped                     | Dash of pepper  |
| 3/4 c. chopped celery                    | 1/2 c. taco sauce   |
| 1/2 tsp. garlic salt                     | 2 tsps. prepared mustard                                      |
|  | 2 medium tomatoes, cut in<br>wedges                           |

Heat cooking oil in a 10-inch skillet. Add sliced zucchini, shredded carrot, chopped onion, chopped celery, pepper strips, garlic salt, basil and pepper. Mix well, cook covered, over medium-high heat 4-5 minutes, stirring occasionally. Combine taco sauce and mustard; stir into vegetables. Add tomato wedges, cook uncovered, 3-5 minutes or till heated through. Makes 4-6 servings. Optional: sprinkle with shredded cheese of your choice. *Rachel Brezczinski, Marshall, MN*

## Stuffed Cherry Tomatoes

- |  |  |
|--|--|
| 24-28 cherry tomatoes                          | 1 medium cucumber, peeled<br>and diced |
| 1 package (8 ounces) cream<br>cheese, softened | 2 teaspoons minced dill                |
| 2 tablespoons mayonnaise                       | fresh dill, for garnish                |
| 3 green onion stalks, diced                    |  |

Cut thin slice off top of each tomato. Scoop out pulp. Invert tomatoes on paper towel to drain. In medium bowl, combine cream cheese and mayonnaise until smooth. Stir in cucumber, green onion and dill. Spoon mixture into tomatoes. Top with fresh dill. Refrigerate until ready to serve. [www.culinary.net](http://www.culinary.net).

Please send your favorite pasta recipes to your local electric cooperative (address found on Page 3). Each recipe printed will be entered into a drawing for a prize in December 2020. All entries must include your name, mailing address, telephone number and cooperative name.



# Winterize Your Manufactured Home



**Pat Keegan**

Collaborative Efficiency

**Make sure your  
water heater  
thermostat is  
set to medium.**

This column was co-written by Pat Keegan and Brad Thiessen of Collaborative Efficiency.

For more information on winterizing your manufactured home, please visit: [www.collaborativeefficiency.com/energytips](http://www.collaborativeefficiency.com/energytips)

**Dear Pat and Brad:** The last few months have been tough, and I'm dreading my manufactured home's high winter heating bills. What can I do to make my home more efficient without spending too much money? – Lance

**Dear Lance:** In difficult times like these, it's more important than ever to ensure the money we spend yields the results we need. Here are five tips for winterizing your manufactured home, which can help you capture some significant savings. It's worth noting that some of these suggestions are quick, easy and cheap, but some will require more money than you may want to spend. Choose the approach that works best for your home and budget.

## 1. Furnace

It doesn't cost anything to lower your thermostat. Clean or replace your furnace air filter as often as recommended. If you heat your home with an electric or propane furnace, you can cut your heating costs by installing a heat pump. Ductless heat pumps are efficient and eliminate the problem of leaky furnace ducts. If you don't have the budget to make this investment out of pocket, you may qualify for a loan. It's possible that your energy savings would cover the loan payment.

## 2. Water Heater

You pay a lot to heat water. Make sure your water heater thermostat is set to medium, between 120° F and 140° F. Energy efficient showerheads can also save energy. Some are equipped with a button or valve that allows you to reduce or stop the flow while you lather up. Another fairly simple fix is to insulate the first several feet of the hot water pipe where it exits the tank. If there is room around your water heater, you could also wrap the tank with an insulation jacket, which you can purchase from a home supply store for about \$20. If your water heater uses gas or propane, be careful not to restrict the air needed for combustion or install insulation too close to the exhaust flue.

## 3. Ducts

Leaky furnace ducts are often a major source of energy loss. A simple first step is to make sure all supply and return registers are open and are not covered by furniture or rugs. Closed registers can really take a toll on your heating and cooling system. You might also be able to save energy by sealing your ducts at the floor registers. The biggest leaks, however, are likely under your manufactured home and could require the services of a contractor to locate and seal. Check with your local electric co-op to see if they can recommend local contractors who can provide this service.

## 4. Windows and Doors

That window A/C unit that kept you cool all summer can be a major source of heat loss in the winter. Before the cold hits, cover it up – or better yet, remove it during winter months. Another fairly easy way to cut down on energy loss is to install window insulation kits - these are plastic, disposable sheets that are stretched over window and held in place with double-sided tape. Thick curtains can also do a remarkable job at cutting drafts and adding insulation around a window. The final and most involved step is to fill cracks and holes in walls and around windows and doors with caulk, filler and/or expanding foam.

## 5. Floors

Cold floors can be costly and uncomfortable. The easiest solution is to lay down area rugs for additional warmth. But to really get the floor comfortable, you may have to venture into the crawlspace and insulate the floor or skirting. If you're not sure how to do this, there are several video tutorials available online.

With these simple steps, you can look forward to a cozier and less-costly winter!



John Deere and other manufacturers in the marketplace continue to improve their electric tractor technology.

# Electric Equipment Use on the Farm is a Trend on the Upswing

South Dakota's farmers have worked for generations in fields across the state. They have seen first-hand how farming equipment has improved over the decades to increase efficiency and to feed an ever-growing population.

A major new change for farming equipment is the trend of switching fossil fuel-powered farming equipment towards electric equipment. This trend builds on the idea of beneficial electrification, where switching to an electric end-use technology satisfies at least one of the following conditions without adversely affecting the others: saving consumers money over time, benefiting the environment, improving product quality or consumer quality of life, and fostering a more resilient grid.

Historically, the most common form of electrification for farms has been electric irrigation pumping systems. Irrigation systems are crucial for many farmers and can make or break the crop yield for the year. Water heaters are the second most-used forms of electric technology on farms. They can be used for many purposes, like dairy farm processing, sterilizing equipment and general cleaning. Choosing an electric water heater for the right application depends on efficiency, size, recovery speed and peak temperature.

There are many benefits of replacing diesel motors with electric motors. Highly efficient electric motors can operate at 90

percent efficiency, which helps to provide cost savings over time, compared to inefficient diesel motors that only operate at 30-40 percent efficiency. Farmers can simply plug in the electric equipment without needing to refill a diesel tank. Overall, electric motors are cleaner, quieter and easier to maintain. Some farmers are making the switch to electric tractors as companies like John Deere, AgCo and others continue to perfect their own electric models. While electric tractors are more efficient, quieter and better for the environment, they can lack the battery

will be reluctant to replace their farming equipment because of high initial costs

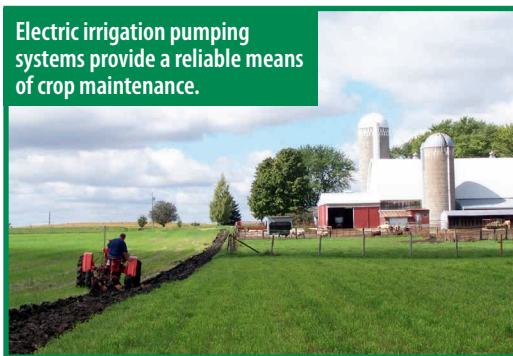
However, there are federal and local government programs that can help lessen the upfront costs. Electric cooperatives can also help farmers in their local territory with energy audits, or with applying for funding from federal programs such as the Rural Energy Savings Program (RESP) or the Rural Business Development Grants (RBDG).

Besides electric irrigation systems and water heaters, the availability of other electric farming technologies is much less common, such as grain dryers, thermal electric storage systems and heat pumps. Many of these electric technologies are still in the early stages of commercialization and have not fully entered the ag market.

The accessibility of these other technologies will depend on a variety of factors, like the type of farm, electricity prices versus fossil fuel prices, and any incentives to decrease upfront costs for buying new

equipment. Despite these challenges, there are opportunities for expansion, especially for electric tractors and other electric farm vehicles which are used on many different types of farms. With more time and investment, electric farming equipment will likely become more widespread in the coming years.

Electric irrigation pumping systems provide a reliable means of crop maintenance.



power that many farmers need for a long day of working in the fields.

But the largest barrier of converting to electric technologies is the cost. Both the price of the electric technology itself and for the wiring to connect it to the entire farm can be extremely costly. Even with savings on fuel costs over time, farmers





Sioux Valley Energy donated food and helped raise more than \$3,000 for booster clubs in Brandon, Hartford and Pipestone, MN.

## Local Co-op Events Provide Fun, Food and Festivities for Sports Fans

**Ben Dunsmoor**

Contributing Writer

In northwest South Dakota, clashes on the football field between rival schools are the main attractions on Friday nights. It is where community members can count on connecting with friends and neighbors. It is also a place where high school sports fans can count on seeing employees from Grand Electric Cooperative cooking up a pre-game meal.

“We see people of all ages at the tailgate parties,” Grand Electric Cooperative Marketing/Tech Specialist Rachel Eggebo said.

The Bison based cooperative began hosting block parties in the summer months nearly 20 years ago to reach out to the community. In 2009, Grand Electric transitioned to serving up brats, hot dogs, and chips before high school football games to reach families that were busy attending school activities. The co-op says it has been a great way to serve the community and show support for local schools.

“It gives us an opportunity to show our membership that we are there for them. Occasionally, it might be the only time we have to communicate with our busy members,” Eggebo said.

Grand Electric is taking a cautious approach to its tailgate parties this year due to concerns surrounding COVID-19. But, if the players are on the field, the co-op is committed to serving up free food at five different games this fall. Grand Electric will make some modifications to the tailgate parties by packaging the food and making it a “grab-and-go” style event for fans.

Grand Electric is not alone in its efforts to partner with local schools and reach out to the community with fun pre-game events. Butte Electric plans to host a tailgate party before the Belle Fourche and Spearfish game this fall. West River Electric holds a tailgating event before the Wall and New Underwood football game and sponsors a basketball tournament in Union Center every November.



Arm wrestling contestants square off during a tailgate party and family fun day hosted by Grand Electric.

Sioux Valley Energy in Colman is also on the tailgating bandwagon. Sioux Valley started hosting events before football games to help its local schools raise money.

“As school funding becomes tighter, booster clubs - and other school organizations run by parents - serve an important purpose,” Sioux Valley Director of Communications and Government Relations Carrie Vugteveen said. “Sioux Valley Energy feels that supporting these efforts helps the co-op live out its guiding principle of ‘commitment to community.’”

Sioux Valley hosted three tailgate parties in 2019 to raise money for booster clubs in Brandon, Hartford, and Pipestone, MN. Sioux Valley bought all the food and asked for a free-will





Lyon-Lincoln Electric Co-op in Tyler, MN, helped to host a tailgate party where the main attraction was the co-op's Tesla electric vehicle.

donation from fans during the meal. The three events raised more than \$3,000 combined for the booster clubs.

FEM Electric Association in Ipswich also partners with local schools to raise money during athletic events. FEM Electric donates 60 cases of bottled water to each school district within its service territory every year. The schools can sell the water in their concession stands and keep all the profits. Each water bottle has an electrical safety message printed on the label which translates into a big win for both the school and the co-op.

**The schools can sell the water in their concession stands and keep all the profits.**

"We wanted to contribute something to help out the various school programs and at the same time get our safety message out to kids and everyone," Carol Schaffner with FEM Electric Association said.

Lyon-Lincoln Electric Cooperative in Tyler, MN, hosted a "Tailgating with Tesla" party before the Minnesota and Canby football game last fall. The co-op partnered with a local youth group to host

the event. The co-op bought all the food and the youth group kept all the proceeds from the tailgate party to help pay for a mission trip. It was an opportunity to raise money for a good cause and for Lyon-Lincoln Electric to showcase its Tesla and talk about the benefits of electric vehicles.

"These events are a win-win for the cooperative and the community," Lyon-Lincoln Electric Manager of Marketing and External Relations Brian Jeremiason said. "The co-op is able to deliver a message to a targeted audience and visit about other topics that community members may have. The community benefits by having a face-to-face opportunity to visit with their co-op."

Electric co-op participation in school events is widespread across South Dakota. Northern Electric Cooperative in Bath, Dakota Energy in Huron, Charles Mix Electric in Lake Andes, and Central Electric in Mitchell all participate in local homecoming parades. Lacreek Electric in Martin sponsors a t-shirt toss during basketball and football games. Dakota Energy also hosts "co-op night" during local basketball games. And, Central Electric hosts free popcorn nights at high school basketball and football games to promote electrical safety and give back to the school and community.

So, whether it is a tailgate party, a fundraiser, or a t-shirt toss, it is likely that electric co-ops will be supporting their

local schools and communities this fall and winter.

"High school sports are wonderful opportunities to reach out to our communities," Jeremiason said. "Young and old all attend and we can communicate with families as a unit which can be difficult sometimes with the busy lives most families are living."

FEM Electric Association donates bottled water with unique labels to raise funds for schools in the co-op's service area.



## Visit Co-op Connections Plus

Take a moment to visit our new online companion to Cooperative Connections. Co-op Connections Plus is a YouTube channel that features a more in-depth treatment of stories appearing in this publication as well as other subjects of interest to rural South Dakotans.

Search for "Co-op Connections Plus" and you'll find videos on human trafficking, the State High School Rodeo finals and grain bin safety. Be sure to "like" and "subscribe."



## Moreau-Grand Electric

## Director and Staff Update

**Melissa Maher**

melissa@mge.coop

There will be a director election this year in District 3. Incumbent Kelly Landis from Trail City submitted a petition along with Warren LeBeau from Swiftbird.

Incumbent Ryan Maher was the sole candidate to submit a petition in District 2 and incumbent Kerry McLellan was the sole candidate to submit a petition in District 5.

ment at its July meeting for a December payment schedule. This payment will complete retirement of 1993 at \$210,000 and half of 1994 at \$95,000, with the balance of \$195,000 distributed on a percentage basis to all members up through 2019 who are eligible for a capital credit payment. All current rate payers will once again see their credit applied to their account.

In the past 10 years, Moreau-Grand has seen over half of our employees leave by way of retirement or resignation. The last two employees to enter the retirement phase of their life after dedicating more than 30 years to the co-op are Office Manager Sheila Scherer and Consumer Clerk Mary Lou Kraft.

Sheila came to Moreau-Grand in November of 1989 as a steno clerk. As she recalls the steno clerk position involved a lot of typing and filing. She was instructed to work side-by-side with veteran employee Darlene Pfaff, who was

transitioning into the office manager position at that time. She does remember doing some short-hand work for Engineer Ron Jorgenson and balancing accounts by hand using green bar columnar pads. In April of 2008, Sheila was promoted to the position of office manager upon the retirement of Darlene Pfaff. As would be expected, the immense change in technology over the years is what sticks out in her mind. Sheila truly embraced and enjoyed the technology – becoming very



Rushmore Electric's Vic Simmons, left, instructs Sheila Scherer during her first days on the job.



Sheila Scherer is set to retire after 31 years of service.

**Kelly Landis****Warren LeBeau****District 3  
Director  
Election**

Moreau-Grand Electric's annual meeting is scheduled for Oct. 14 in Timber Lake.

The October issue of *Cooperative Connections* will be the official annual meeting publication and will include the 2019 financial annual report along with information on the director candidates. The annual meeting is scheduled for Wednesday, Oct. 14, at the Timber Lake Community Center. The theme for this year's meeting is "Power On."

This will be the seventh year to present the "Good Neighbor" award at the annual meeting. Ron and Evelyn Bierman from Glad Valley were selected as this year's honorees. Be watching for a feature story on the Bierman's in an upcoming edition of the newsletter.

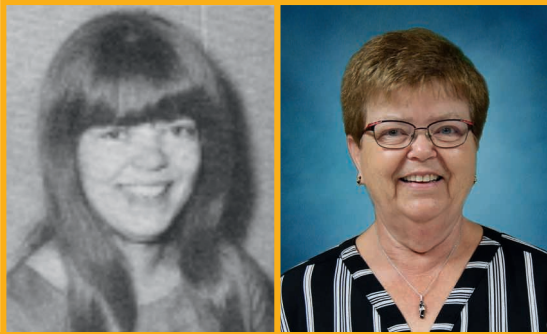
The board approved a \$500,000 general capital credit retire-

Comparative Report	Current (June 2020)	1 year ago (June 2019)	10 Years Ago (June 2010)	% Change in 10 years
Number of Meters	6,967	6,951	6,421	9%
Kilowatt Hours Sold	7,166,453	5,924,190	5,746,068	25%
Cost of Purchased Power	\$492,937.00	\$448,656.00	\$299,174.00	65%
Overall Ave. Rate / kWh Per Member	0.1190	0.1191	0.101	18%



efficient with Excel, Word, system reports and document vault to name a few. Words I would use to describe Sheila: dedicated, detail oriented, self-motivated and loyal. She was the “go to person” in the office for history questions and knew where to find the information when questions arose. She certainly earned her right to enjoy these retirement years with family and is very excited about becoming great grandma this fall. In my visits with Sheila, she expressed her sincere desire for all employees who have devoted years of service to our members to also be able to enjoy their retirement years.

Mary Lou had two different stints of working at MGEC for a combined 31-year career. She began as a billing clerk in 1970; resigning in 1979 when their son Beaman was born.



Mary Lou Kraft is retiring from the co-op this year. She began working for MGEC in 1970.

After holding numerous other jobs throughout the area, in August of 1998, she was hired back as a consumer clerk, the position she held at the co-op for the next 22 years. On any given day, Mary Lou would respond to literally dozens of phone calls coming in from our members concerning billing questions. The monthly collection process was her priority. When Mary Lou announced her retirement to the membership, she received email notices saying: “Thank you and congratulations for a job well done;” “You have always been very professional, kind and you will be greatly missed.” What a testament for a job well done!

I personally feel blessed by working alongside both Sheila and Mary Lou over the years. Join me in wishing them many years of peace and pleasure!

Until next month....God Bless!

#### HARVEST SAFETY TIP

If your equipment makes contact with an energized or downed power line, contact us immediately by phone and remain inside the vehicle until the power line is de-energized. In case of smoke or fire, exit the cab by making a solid jump out of the cab, without touching it at the same time, and hop away to safety.



## Be Cyber Safe

The internet can be scary and dangerous if you don't know how to navigate it. Below are four tips to make yourself safer from cyber scammers and hackers, but first, let's look at a few reasons that might encourage you to put those tips into action.

### Cybersecurity Tips

- 1) Use strong passwords and change them regularly – many sites and apps make that easy to do by clicking on the “forgot your password” link. The best passwords are at least eight characters and include different types of characters. Try using a memorable verse from your favorite song and adding a few numbers and special characters, (\$ ! \_ &) or even a space.
- 2) Install software updates. Your apps and operating systems will periodically send updates.
- 3) Use two-factor authentication.
- 4) Think before you click. Be wary of any offer or link that comes through the internet, whether by email or social media, or even a phone call instructing you to get online. Don't click on a link unless you know



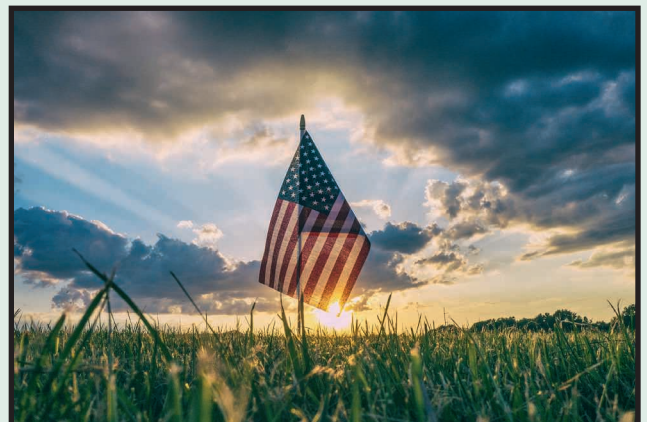
for certain what it is. Even emails from friends should be suspect – hackers can impersonate someone you know to send a link or an attachment – both can result in you downloading

malware that can take control of your computer in ways you may not even be able to detect.

## Labor Day

Moreau-Grand Electric will be closed on Sept. 7 to celebrate Labor Day. Our office will re-open during normal business hours on Sept. 8.

Have a safe and happy holiday!





South Dakota's Rural Electric Cooperatives are adapting to the expectations of the next generation of co-op members.

# NEXT GENERATION

## Young adults figure prominently in the future of the rural electric cooperative movement

**Billy Gibson**

Contributing Writer

It's getting harder and harder to find people who can provide a first-person account of what it was like when electrical power came to their communities.

The nation's rural electric program sprang to life more than 80 years ago when an executive order by President Franklin Roosevelt created the Rural Electric Administration (REA). The REA issued low-cost loans that gave local communities the ability to build out power delivery systems to serve their own farms, homes and businesses.

But relatively few of the members served by those cooperatives today actually witnessed the transformation that took place when thousands of small towns and hamlets across the country began

enjoying the benefits made possible by electrical power.

Though many characteristics of electric co-ops have stayed the same – democratic control, focus on quality service, accessibility, commitment to community – other elements have certainly changed over the decades. For instance, some cooperative service areas that were once rural have become suburban as population centers have expanded into spaces that were once sparsely populated farms and fields.

Cooperatives are also taking advantage of modern technology to broaden their menu of services available to members, such as online account management systems, energy audits, pre-pay programs, automated meter reading, renewable power and more.

Yet another change is the generational shift taking place as older board directors, managers, employees and consumers are being replaced with younger folks who have different ideas, different approaches, different plans and different expectations.

In South Dakota, co-op leaders say the changing dynamics present an opportunity to bring innovative ideas and new concepts to the table – all centered around the ongoing mission to deliver power that is safe, reliable, affordable and accessible.

Evan Buckmiller is manager of Kingsbury Electric Cooperative (KEC) based in DeSmet. He is part of a group of younger general managers who have taken the reins at various electric co-ops in the state. He said that over the past decade KEC has seen a 100 percent turnover in personnel and that every current employee



Co-ops will continue their commitment to both personal and digital service.



is under the age of 35. The result is a prevailing mindset that's not averse to searching for new ways to "work smarter."

"Our employees are constantly exploring new avenues to operate more efficiently and effectively," Buckmiller said. "They understand that the money people pay for power doesn't grow on trees. Our members expect value, and it's our job to make sure we're using the latest technology to minimize operating costs while improving service and convenience."

He said one advantage of having a younger work force is a greater acceptance of change, more flexibility and being open to new approaches to addressing issues.

"We've made wise investments in new equipment that we never would have considered in the past," Buckmiller said. "Our employees don't mind trying something new. They don't mind going through the training process. Having grown up in the internet age, they adapt well to learning things like new computer-based applications and software."

Some of those changes include a new barcoding program to track inventory, using iPads for preparing timesheets and taking service orders online.

Jay Spaans, manager of Douglas Electric in Armour, echoed Buckmiller's observations regarding younger employees. Two of his seven staff members are expected to retire in the not-too-distant future. They represent a combined 96 years of service.

"That's a lot of institutional knowledge



**Kingsbury Electric Co-op Manager Evan Buckmiller leads a staff of young employees who understand the co-op's mission.**

walking out the door, and as a manager you wonder if the next generation will be as dedicated to the co-op as them," Spaans said. "I'm sure that whoever we hire will have grown up with technology and will have new ideas. I see that as a benefit."

When it comes to engaging younger consumers, co-ops across the state maintain social media platforms such as Facebook, Instagram, Twitter and others. West River Electric based in Wall, is representative of many South Dakota co-ops that use an array of digital tools to track the organization's member engagement.

Public Relations Manager Robert Raker said diversity and the strategic use of various social media channels is the key to making sure the lines of communication remain open across the age spectrum.

"We use Facebook and our printed newsletter to appeal to our older members," he said. "We use Instagram and Tik Tok to reach our younger members, and we're beginning to deploy LinkedIn to interact with our technology and business accounts."

There's even a specific approach to communicating internally, Raker said.

"We're using Snapchat to communicate with some of our crews in the field because

**One advantage of having a younger work force is a greater acceptance of change, more flexibility and being open to new approaches.**

we've found that our young linemen prefer to use Snapchat rather than a conventional email account."

Chad Felderman, CEO/General Manager at Dakota Energy in Huron, said it's important for co-ops to balance their approach so that the interests of all age groups are taken into account.

Part of that strategy of fostering connectedness across generations is to get out of the office and meet members at events that attract a cross-section of people.

"In order to interact with all age groups, we have been present at sporting events, parades and event booths. It's more difficult due to the pandemic, but this is our goal," Felderman said. "This has allowed us to engage with members of all ages and creates an overall increase in knowledge of who we are and what services we provide. Utilizing Facebook, the website and text messaging has been a great way to inform members and makes us more visible in our communities."

Matt Klein, General Manager at Union County Electric in Elk Point, said he has noticed the older generation has been receptive to change, albeit at a more measured pace.

"In general, our older members want to come to the office and pay by check and get a receipt, while our younger members are more comfortable paying online, having us withdraw directly from their bank account, or setting up recurring charges to their credit card," Klein said. "Now that we offer these other payment options, we are seeing more of the older generation using them. So they are clearly becoming more comfortable with this, but are a bit slower to adopt the change."



**Younger members expect their cooperative to provide information through social media platforms.**



Co-op members are increasingly capable of managing their appliances from a smart phone or tablet.

## CO-OP TECH

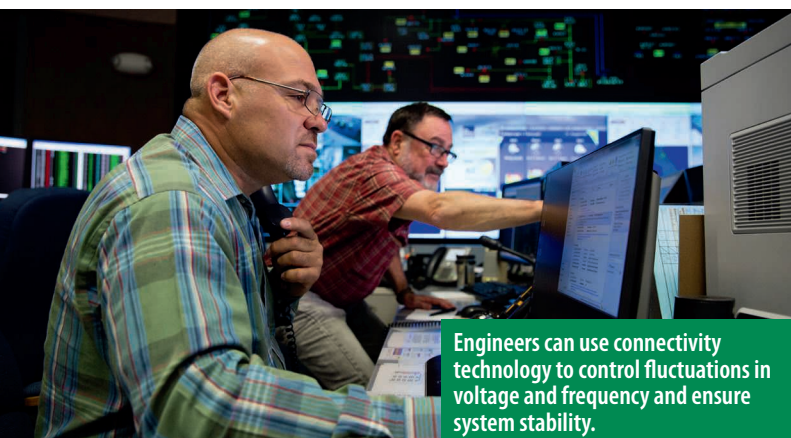
### Electric Co-ops Adopt High-Tech to Improve Service

By Billy Gibson

Contributing Writer

The terms “rural” and “technology” may appear to be contradictory concepts.

However, rural electric cooperatives all across the country are adopting advanced scientific techniques and methodologies while leading the charge to discover bold new ways to deliver power that is safe, affordable, reliable and accessible.



Engineers can use connectivity technology to control fluctuations in voltage and frequency and ensure system stability.

For instance, more than 100 cooperatives nationwide are working behind the scenes to build out high-speed broadband networks in their service areas. Many others are involved in developing clean energy sources, implementing automated meter-reading systems, applying state-of-the-art cybersecurity safeguards, adding convenience to the bill-paying process, exploring ways to use energy more efficiently and much more.

South Dakota’s rural electric cooperatives are among the prime-time players in this high-tech game.

H-D Electric Cooperative, which is based in Clear Lake and serves 3,600 meters, recently completed a pilot project in collaboration with the National Rural Electric Cooperative Association (NRECA).

The goal of the research program funded by the U.S. Department of Energy was to field test the effectiveness of an automated load management mechanism called GridBallast.

When it comes to properly managing grid-scale electrical power, load control is paramount for both safety and efficiency reasons. Engineers vigilantly monitor and control any differences detected in voltage and frequency along power grids that can stretch for many miles. Excessive fluctuations in voltage and frequency can cause damage to devices all along the grid and present a safety hazard to members.

These fluctuations have always been a chief impediment in the development of renewable energy sources such as wind and solar. Renewable power sources are often described as “intermittent” because of the variation in their productivity. The task of load management is made more challenging when clouds block the sun and the wind changes speed and direction.

GridBallast is a technology that can detect changes in the flow of energy and quickly and automatically adjust the load on the demand side by switching on or off water heaters or other connected devices and circuits in the home. It was a severe and persistent frequency imbalance that led to the historic blackout that occurred throughout the Northeast region in 2003.





H-D Electric CEO and General Manager Matt Hotzler got the co-op involved in a pilot program testing the GridBallast device.

## The ability to control demand has been an effective means of managing peak load.

managed in the future.

Hotzler said that the co-op is always eager to explore new ways to promote a more stable system while maintaining affordable rates.

“With our current load management system that we have in place, it is certainly important right now for our rates and our members. I think that’s why we have such a good buy-in from our membership,” Hotzler said.

Hotzler noted that H-D Electric has 2,150 water heaters on its existing load management program that can be controlled by the co-op’s wholesale supplier, East River Electric. H-D Electric is one of 250 other co-ops in 35 states that have similar programs.

That ability to control demand has been an effective means of managing peak load. But as more renewable power sources enter the grid, automated control performed through a device like GridBallast may take on greater importance in years to come.

“As distributed generation starts to come on a bit more, and possibly becomes majority renewable, it probably will have a real role in stabilizing the system,” Hotzler said. “The Department of Energy projects that renewable power will be the single largest generation source on the North American grid by 2045. That will require finding new ways to manage the grid.”

GridBallast, developed in collaboration with Carnegie Mellon University, Eaton and SparkMeter, also has the potential to reduce a system’s dependence on its communications network while protecting against cyberattack.

H-D Electric CEO and General Manager Matt Hotzler expressed reservations about how autonomous load control would be received by the co-op’s consumers.

He invited 15 H-D Electric members to participate in the pilot program over a span of three months. After the study was concluded, Hotzler reported that the results were promising.

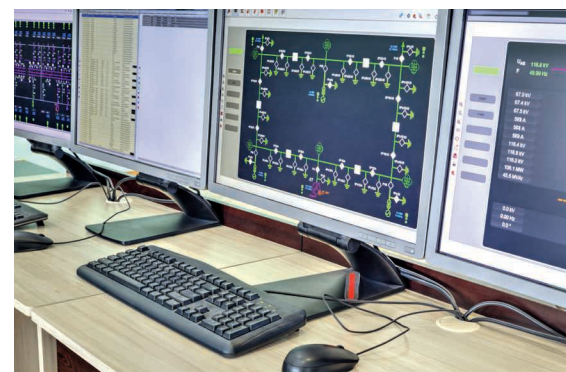
“We didn’t see any problems at all,” Hotzler said.

Paramount to this load management approach, Hotzler pointed out, is that it opens up a plethora of new possibilities regarding the types of loads that can be

East River Electric has also been involved in another research partnership with NRECA and Dakota State University in Madison. The Connected Home Research Project based at the university’s Madison Cyber Labs center was designed to create a “home hub” that would enable smart devices in the home to communicate with the cooperative.

East River Electric is a generation and transmission entity that provides wholesale power to 25 distribution member systems in eastern South Dakota and western Minnesota.

Chris Studer, chief member and public relations officer for East River Electric, said, “While current technologies can help manage electricity usage and benefit consumers, we noticed a gap between the capabilities of those technologies and the needs of our utility network to connect to those technologies. We hope to close that gap through this project.”



Studer said cooperative consumers have demonstrated their eagerness to adopt smart-home technology to exercise more control over their energy use, save money and add convenience.

While consumers can use their smart-phone devices to adjust thermostats and lighting, many apps designed for this purpose are produced by different companies. Home Hub is an effort to develop an integrated dashboard that would allow these programs to communicate through one centralized source.

East River invested roughly \$14,000 on appliances, cabinets and technology at the lab facility. The research space at Madison Cyber Labs resembles a kitchen equipped with smart products and appliances such as lighting, window coverings, a water heater, security system and a washer and dryer. Plans include adding an electric vehicle charger and smart locks.



Intermittent sources of electricity will make automated load management more important than ever.

**Note:** Please make sure to call ahead to verify the event is still being held.

South Dakota's Touchstone Energy® Cooperatives will not have a booth this year at the state fair due to COVID-19 safety concerns.

---

### August 26-30

Corn Palace Festival, Mitchell, SD, [www.cornpalace.com](http://www.cornpalace.com)  
605-995-8430

---

### August 27

PRCA Xtreme Broncs Finals  
7-9:30 p.m., Central States Fair, Rapid City, SD  
[www.centralstatesfair.com](http://www.centralstatesfair.com)

---

### August 27-30 **CANCELED**

Annual Steam Threshing Jamboree featuring John Deere, Madison, SD  
605-256-3644

---

### August 28-29

Pioneer Museum Excess Sale  
9 a.m. to 4 p.m. Pioneer Museum, Hot Springs, SD  
605-745-4616

---

### August 29-30

Fall River Hot Air Balloon Festival, Municipal Airport, Hwy 79, Hot Springs, SD  
605-745-4140

---

### September 3-5

South Dakota State Fair: Perfect Vision of Fun, 1060 3rd St. SW, Huron, SD  
800-529-0900  
[www.sdstatefair.com](http://www.sdstatefair.com)

---

### September 6

Studebaker and Packard Car and Truck Show, 10 a.m. to 3 p.m., Custer, SD  
605-718-7431



### August 29-30

Fall River Hot Air Balloon Festival

---

### September 7

Hidewood Valley Steam Threshing Show, 1 p.m., 47326 183rd Ave., Clear Lake, SD, 605-881-8405

---

### September 12

Central Valley Struttin' Gobblers NWTF Banquet, Dakota Plains Event Center Hartford, SD, 5:30 p.m.  
605-941-4297

---

### September 12-13

Fall Harvest Festival, Delmont, SD, 605-928-3792, [www.twinriversoldiron.org](http://www.twinriversoldiron.org)

---

### September 13

20th Annual Antique Tractor and Car Parade, 1 p.m., Farmer, SD, 605-239-4498

---

### September 19

Health Connect's Human Race, Elmwood Park, Sioux Falls, SD, 8 a.m. 888-761-5437

---

### September 19

Health Connect Fair, Sanford Pentagon, Sioux Falls, SD, 11 a.m. to 5 p.m., free lunch, door prizes and flu shots  
888-761-5437

---

### September 25-27

Coal Springs Threshing Bee Featuring Massey Harris Tractors, Meadow, SD, 605-788-2229

---

### September 26 **CANCELED**

10th Annual ROCS Fall Festival, 9 a.m. to 2 p.m., Springfield, SD, 605-464-7379

---

### September 26

Wheelin' to Wall, Wall Community Center, Wall, SD

---

### October 3 **CANCELED**

Hobo Marlin's Pumpkin Train 11 a.m., Madison, SD  
605-256-3644

---

### October 7-8 **CANCELED**

Energize! Explore Innovative Rural Communities Conference, Milbank, SD, <https://extension.sdstate.edu>

---

### October 31-November 1

Dakota Territory Gun Collectors Assn. Sioux Falls Classic Gun Show, 3200 W Maple St. Sioux Falls, SD, 605-630-2199

To have your event listed on this page, send complete information, including date, event, place and contact to your local electric cooperative. Include your name, address and daytime telephone number. Information must be submitted at least eight weeks prior to your event. Please call ahead to confirm date, time and location of event.