

# COOPERATIVE CONNECTIONS

## Great Goats

**Goats gaining  
in popularity**  
Pages 8-9

**Irrigators benefit  
from load control**  
Pages 12-13

Bennett and Matea Gordon  
of Whitewood are part of a  
rising trend in teens choosing  
to show goats at youth  
exhibits and competitions





# Annual Meeting Summary



**Dave Page**  
General Manager

The 80th Annual Membership Meeting of the Whetstone Valley Electric Cooperative, Inc. was held on Thursday, March 31, 2022, at the Wilmot High School gymnasium in Wilmot, S.D. Registration opened at 6 p.m.

At 7 p.m., the meeting was called to order by President Bill Tostenson.

President Tostenson stated that more than 50 voting members had registered and were present, creating a quorum.

Tostenson invited everyone to stand for the singing of the National Anthem. The anthem was led by Lauren Harstad.



Lauren Harstad sang the national anthem and won the \$50 drawing for children aged 13 or younger.

Tostenson invited Pastor K.C. Smith from the Zion Community Church in Wilmot to give the invocation.

Tostenson introduced the Board of Directors, former directors, former employees and special guests.

Tostenson called on Secretary Strasser to give notice of the meeting and present the minutes of 2021.

Secretary Darren Strasser affirmed that the Notice of Annual Meeting had been mailed to the membership and the unapproved minutes of the 2021 Annual Meeting had been delivered to those attending.

Tostenson called for a motion to waive the reading of the Notice of Annual Membership Meeting and to approve the minutes of the 79th Annual Meeting as presented. A motion from the floor was seconded and carried.

Tostenson pointed out that the Financial Statement and Treasurer's report was included in the material delivered to those attending. A motion from the floor to approve the Treasurer's Report was seconded and carried.

Tostenson noted that capital credits in the amount of \$7,291,286 have been returned to members and that \$446,701 has been approved for the 2022 general retirement to be credited to members in May.

Tostenson called on the Cooperative's General Council, Harvey Oliver, to announce the election results.

Districts with open seats were districts 7, 8 and 9. Only



Your Whetstone Valley Electric Board of Directors.

one candidate for each of the districts was submitted; Joel Adler, Krista Atyeo-Gortmaker and Paul Nelson respectively. With no other members nominated for these districts, the candidates were duly elected.

Tostenson called on Whetstone Valley General Manager, Dave Page for his report and to introduce the employees.

General Manager, Page welcomed the members to the Annual Meeting of the Cooperative. Page reported on improvements being made to Whetstone's infrastructure to increase the resilience and reliability of the electric system.

He also discussed the pace of change within the electric industry, highlighting a shift in electric generation and the types of electric loads that will be served in the future. Page also reported that material lead times and costs of equipment are increasing. Page reported that electric rates at Whetstone Valley have remained the same for more than five years.

He stated that wholesale power costs from East River Electric and Basin Electric Cooperatives have not increased for several years. He also reported that local costs have been controlled, in part by leveraging exceptionally low interest rates for capital infrastructure investments. Page discussed how revenue, deferred from 2019 has also helped to delay the need for a rate adjustment.

Page concluded his report, stating that Whetstone Valley Electric rates are expected to remain steady throughout 2022. He also indicated that rising cost of equipment and increasing demand for energy may impact rates in the future.

Page thanked the Board of Directors for their commitment to the cooperative and their communities. He thanked them for the time they invest to keep abreast of changes within the electric industry and regulatory matters.

Page introduced the employees. Those attending showed their appreciation to the team of employees with applause.

Page announced that this year's Whetstone Valley/Basin Electric \$1,000 scholarship was awarded to Savanna Osowski.

President Tostenson presented the 25-year service award to General Manager Dave Page.

## COOPERATIVE CONNECTIONS

### WHETSTONE VALLEY ELECTRIC

USPS 018-979)

**Managing Editor:** Stephanie Trevett

#### BOARD OF DIRECTORS

**President:**

Bill Tostenson – 432-7876

**Vice President:**

Dale Jensen – 938-4252

**Secretary:**

Darren Strasser – 938-4601

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Krista Atyeo-Gortmaker – 676-2323

Joel Adler – 467-1002

David Behrns – 932-3722

Tom Berens – 432-5034

Paul Nelson – 949-1818

Scott Niedert – 432-9397

**General Manager:**

Dave Page – davep@whetstone.coop

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*Continued from previous page.*

Tostenson called for any unfinished or new business from the floor. With no further business, and a motion and second from the floor, President Tostenson adjourned the meeting.



Korbin Leddy won the \$100 drawing for teens between 14-18 years old.

There was a drawing for \$50 for children 13 years of age or younger in attendance. The winner was Lauren Harstad. Another drawing for \$100 was held for those 14 to 18 years of age in attendance. The winner was Korbin Leddy. The winner of the \$500 cash drawing was Harry Ziemer of Browns Valley.

There were 247 in attendance with 168 voting members.



Harry Ziemer was the big winner of the \$500 cash drawing at Whetstone Valley's annual meeting.

## ANNOUNCING YOUTH EXCURSION 2022 TO BISMARCK, NORTH DAKOTA

Calling all high school students! Is your parent or guardian an active member-owner of Whetstone Valley Electric Coop? If so, you're eligible to apply for an unforgettable summer experience: Youth Excursion 2022!

If chosen, you will receive an all-expenses-paid trip to Bismarck, N.D., for a youth event unlike any other. From **July 25-28**, participants will stay on-campus at Bismarck State College. During this time, they will have the opportunity to sightsee, make friends from all across the state and gain a new understanding of where their electrical power comes from.

Once participants arrive on the campus, they can look forward to two whole days of building friendships, taking in the sights of North Dakota's capitol and learning "The Story Behind the Switch." During their stay, students will get to hear from power industry experts and participate in hands-on activities. Students will be given the opportunity to tour the Great Plains Synfuel Plant, Freedom Coal Mine and Antelope Valley Station Power Plant to see where South Dakota's power is generated.

There will also be plenty of time built in for recreation and socializing – students will play games, go on a scenic cruise in the Lewis and Clark Riverboat and much more. Participants can look forward to connecting with students from all across South Dakota, building strong friendships and learning from their peers.

To be eligible for Youth Excursion, students must be in high school, and their parent or guardian must be an active member-owner of Whetstone Valley Electric Cooperative.

**For more information contact:**

Whetstone Valley Electric Coop.

Attn: Audra Johnson

[audraj@whetstone.coop](mailto:audraj@whetstone.coop)

1101 E 4th Ave, PO Box 512

Milbank, SD 57252

605-432-5331

**Application Deadline:** June 3, 2022.



# Budget-friendly efficiency upgrades

There are two ways to measure energy efficiency improvements.

There's the payback period - the amount of time it will take for the improvement to pay for itself. Then there's comfort.

Improvements can often increase the comfort level of a home - not easy to measure but one of the driving forces behind home weatherization efforts. There are several areas of the home that can be improved easily, without breaking your budget.

**LIGHTING** - There has been a steady decline in the price of LED bulbs for residential consumers. Nowadays, 60-watt-replacement LEDs can be purchased for \$5 or less. LEDs should save 60 percent or more on power costs compared to incandescent bulbs and last for many years. New LED fixtures are also an affordable option. They come with LED bulbs built in so you never need to change the bulbs.

**HEATING AND AIR CONDITIONING** - The Energy Information Administration estimates that heating, ventilating and air conditioning systems account for 22 percent of a typical home's annual electric bill. While newer systems can be 20-45 percent more efficient than older ones, the upfront cost is often a barrier to adoption.

But there are still ways to save. Simple solutions such as changing air filters at least every three months will increase airflow to rooms, increase the life of the HVAC unit's motor and improve air quality in the home. Sealing and insulating ductwork can be done in a weekend and results in energy savings of up to 20 percent.

To lessen the amount of work that heating and cooling systems need to do, it is important to find and seal air leaks. Look for leaks around exterior doors and windows, electric outlets, and entrance points for TV and phone cables. Also check dryer vents and any place with an opening in the wall. To seal leaks, apply caulk, spray foam or weather-stripping to these areas.

Simple acts such as cooking outdoors on a hot summer day or keeping curtains closed to keep out the summer sun will keep the interior of your home cooler and reduce the amount of time AC units need to operate.

## EV REGISTRATIONS SEE SUBSTANTIAL INCREASE



According to the South Dakota Dept. of Revenue, the state experienced a boom in electric vehicle registrations in 2021.

At year-end, there were 1,313 electric vehicles registered in the state. That compares to just 242 from the year before. EV registrations saw a slight jump from 227 in 2015 to 236 in 2019.

Minnehaha County led the state with 406 registered EVs, followed by Pennington County with 228 and Lincoln with 151. Nine counties had no EVs registered.



## Stay away from power lines

### Naomi Goldade

Naomi Goldade likes to have outdoor fun in the spring and summer but reminds co-op members to stay away from power lines. Naomi is the daughter of Alex and Rachael Goldade of Timber Lake. They are members of Moreau-Grand Electric Cooperative.

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.





# SUPER CASSEROLES

## CHICKEN AND CHEESE CASSEROLE

### Ingredients:

2 cups uncooked elbow macaroni  
2 5-oz. cans of chicken chunks  
2 cups shredded cheddar cheese  
2 cups milk  
2 cans cream of chicken soup  
4 oz. sliced mushrooms  
1/4 cup chopped onion

### METHOD

Preheat oven to 350 degrees. In a large bowl, mix all seven ingredients together. Pour into a 9x13 baking pan. Bake at 350 for 45 minutes or until bubbly and golden brown.

**Jeanette Kleinsasser,**  
Iroquois

## ONE DISH CHICKEN AND RICE

### Ingredients:

1/2 to 1 cup onion, chopped  
1/4 to 1/2 cup green and/or red bell pepper  
1 can cream of chicken soup (or cream soup of your choice)  
1/2 cup milk  
1/2 tsp. salt  
1/4 tsp. pepper  
1/3 cup mayonnaise  
2 cups chicken, cooked and chopped  
1 cup peas (frozen)  
2 cups cooked white rice  
1 cup shredded cheddar, divided

### METHOD

Preheat oven to 350 degrees. Lightly grease a 9-inch x 13-inch baking dish and set aside. Sauté onion and bell pepper in olive oil or butter. Blend soup, milk, salt, pepper, and mayo in a bowl. Add chicken, peas, sautéed onions and peppers, and rice to the prepared baking dish. Mix gently. Pour soup over chicken mixture. Mix gently. Fold in half of the cheddar. Top with remaining cheese. Bake until top is golden brown, about 25 minutes.

**Becky Walker,** Sioux Falls

## TUNA PASTA CASSEROLE

### Ingredients:

4 oz. dried whole-wheat rotini pasta (about 1-1/2 cups)  
Nonstick cooking spray  
16 oz. frozen mixed vegetables, thawed  
1 pouch (11 ounces) low-sodium chunk light tuna  
1 can (10-3/4 oz.) low-fat, low sodium condensed cream of chicken soup  
1/2 cup chopped roasted red bell peppers  
1/2 cup fat-free half-and-half  
1 tsp. all-purpose, salt-free seasoning blend  
3/4 cup crushed low-sodium, whole-grain crackers  
1/4 cup shredded or grated Parmesan cheese

### METHOD

Prepare pasta according to package directions, omitting salt. Using colander, drain well. Transfer to large bowl. Preheat oven to 350 F. Lightly spray 2-quart glass baking dish with nonstick cooking spray. Stir mixed vegetables, tuna, soup, roasted peppers, half-and-half and seasoning blend into pasta until combined. Transfer to baking dish. Top with crackers and Parmesan cheese. Bake, uncovered, 25-30 minutes, or until casserole is warmed through and topping is golden brown.

**familyfeatures.com**

Please send your favorite dairy 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 2022. All entries must include your name, mailing address, phone number and cooperative name.

### Q: What steps can I take this summer to keep my home cool while saving on my energy bills?

A: A hot home and high energy bills can take away from summer fun. Here are 10 tips to prepare your home for high summer temperatures.

#### SERVICE YOUR AC UNIT

Air conditioning (AC) units work by moving air over fins or coils that contain refrigerant. When the coils or fins get dirty, the unit uses more energy.

Whether you have a portable unit, central AC or a ductless/mini-split, get your system ready for summer by cleaning the filter, coils and fins. If you are tackling this yourself, always disconnect power to the unit.

Central AC systems have two sets of coils: one inside and one outside. Both should be cleaned annually. If you hire a professional, they can check refrigerant levels during the process.

#### SEAL YOUR WINDOW AC UNIT

If you have a window or portable AC unit that vents through a window, seal the area between the window sashes. Water heater pipe insulation is a great way to seal this spot. It's available at your local hardware store and is easy to cut for a snug fit.

#### THERMOSTAT SETTINGS

Keeping your thermostat at the highest comfortable temperature will save you money. If you aren't home during the day, increase your thermostat 8 to 10 degrees. There's no need to cool an empty house.

#### KEEP YOUR COOL

Before heading to the thermostat, turn on a fan in the room you're in, change into lighter clothing and drink something cool. This may be enough to make you comfortable without spending more to cool your home. Finding the balance between comfort and savings is key.

#### LOCK WINDOWS

After opening your windows at night or in the morning to let in fresh air, ensure your

windows are closed and locked. This reduces gaps that cause drafts. If your locks don't form a tight fit, add weatherstripping. Most products are easy to install.

#### WEATHERSTRIPPING AND CURTAINS

Covering and sealing windows may seem like a wintertime efficiency practice, yet these help in the summer, too. Windows are typically the least-insulated surface in a room. Add weatherstripping to form a tight seal and curtains you can close during the hottest times of the day to block out the sun.

#### COOK AL FRESCO

Keep your home cool or your AC from working overtime by cooking outside. My grill has an extra burner on the side that lets me do stovetop cooking outside, too.

#### ADD INSULATION

Even in the summer, adding insulation can keep your home more comfortable and save energy used by your air conditioning system. As a general rule, if you can see the joists in the floor of your attic, you need more insulation.

#### TURN OFF GAS FIREPLACES

Reducing the amount of heat entering your home can keep it cooler, especially if you don't have AC. If you have a gas fireplace, your pilot light lets off a small amount of heat into the room. Consider turning it off during summer.

#### ADD SHADE OUTSIDE

Several years ago, we planted a hedge on the south side of our home. I was surprised by how much cooler it made the house in the summertime. Planting trees and shrubs strategically around your home can shade the roof, walls and pavement, reducing heat radiation to your home. According to the U.S. Department of Energy, tree-shaded neighborhoods can be up to 6 degrees cooler in the daytime than treeless areas. Before buying a tree or shrub, check with your city or utility about free tree programs.

Applying a few of these ideas to your home will help keep you comfortable and provide summer energy savings.



**Miranda Boutelle**  
Efficiency Services  
Group





Brothers Jonas and Chris Lynch say there's no sibling rivalry operating Howe Seeds in Mahto. *Photo by Billy Gibson*

## Lynch brothers meet the need for seed

**Billy Gibson**

billy.gibson@sdrea.coop

Failure never crossed Chris Lynch's mind when he decided to pull up the stakes he had set in Huron to take a job three hours away in Mahto.

Newly married to his wife, Kerrie, Lynch was farming a massive 30,000-acre spread in 2004 when he decided to seek greener professional pastures. Responding to an ad that appeared in a statewide ag publication, Lynch became manager of Howe Seeds, a company Charles and Dale Howe launched in 1990.

Today, the business continues to thrive, expanding over the past 18 years from 12 hopper bins of product to more than 70, including enough flat storage space for 60,000 bushels. Groundwork has already started on an 80-by-100-foot building that will house an office facility and apartment space for seasonal help.

Looking back, Lynch never considered that the business would do anything but prosper under his management and stewardship. Soon after arriving in Mahto, he and Kerrie started a family of

their own and have five children they've reared in their home on the Howe Seeds property.

"I was raised on a dairy in Lily and worked on my uncle's farm, and I was managing a pretty large operation in Huron, so I figured I knew the business pretty well," Lynch said. "I think a lot of our success comes from just listening to our customers, figuring out what they want and making sure they get what they need when they need it."

As business became more brisk and Charles Howe inched closer to retirement, Lynch found himself looking for some reliable help and knew just where to go to get it. His brother, Jonas, had been doing civil engineering work in Louisiana and California but was pondering a return to his home state.

Soon after Jonas joined the fold in 2008, he met and married a local gal. Today, he and Lauren also have five children and live nearby in Mobridge.

"We've always gotten along very well as brothers and I think our interests, skills and abilities really complement each other," Jonas said. "We make a pretty good team together, and our kids

help out during school holidays and summers. Our dad (Greg) also comes over during the summers to help out when things get busy."

Chris attributes the success of Howe Seeds to what some might describe as "mixology." Howe Seeds stocks nearly 40 different varieties but offers premium service to growers by providing a custom mix that may be needed for cover crops, pulse crops and other applications. This includes landowners who may have contracts through the Conservation Reserve Program.

"Those contracts include a list of species they have to plant, so we work closely with growers to provide the right mix they need and get it shipped to them on schedule," Chris said.

Chris and Jonas agree that much of their success lies in "watching the neighbors" – but not in a creepy way.

"To be responsive to your customers, you have to be very observant and know what's going on out there, not only with the farmers around you but beyond your local area as well," Chris said, adding that Howe Seeds also distributes across the region and nation.



# GOATS STEAL THE SPOTLIGHT



Anna Johnson and Jessemy Sharp groom at the 2021 Brown County Fair. Photo by Donna Sharp

## Ag students show a fondness for working with goats at youth exhibitions and competitions

**Billy Gibson**

billy.gibson@sdrea.coop

Matea Gordon's goats always keep her guessing.

The 17-year-old is one of four Gordon siblings from Whitewood who have been highly active - and highly successful - on the 4-H and FFA competition scenes over the past decade.

She prefers to work with market goats because the animals force her to stay on her toes. She never knows what she's going to get.

"They tend to have big personalities. Sometimes they're shy and cute. Other times they can be pretty stubborn. You just never know," she said. "Plus, it's fun to see how much progress you can make with them throughout the year."

Her younger brother, Bennett, enjoys raising and feeding the goats daily.

"I've learned about genetics, animal health and feed nutrition. The goats kind of become your friend as you bring them up and take care of them."

The brother-sister duo are part of a

trend in ag exhibition circles that finds eager competitors opting to work with goats. Their mom, Kindra Gordon, said all four of her children have been fond of tending to goats.

She said the family started with two goats a decade ago, and their involvement grew from there. Today, they travel and compete at nearly a dozen shows throughout the year. Likewise, she has seen youth participation in goat exhibitions double over the past few years.

"When the kids joined 4-H, they wanted to do a project and the goats just seemed to fit our lifestyle," she said.

Regardless of what animals her children choose, she has found there's much to be gained in participating in the competitions and other opportunities that youth ag programs provide.

"The kids have learned about responsibility, life skills and the agriculture industry. They learn about sportsmanship and how to manage stress. We tell them to be happy for their friends when it's their time to win, and

they'll be happy for you when you win. We've met a lot of people and made a lot of friends along the way."

One of those friends is Tessa Erdmann, a freshman at SDSU from Groton who serves as president of the state FFA. She is long-time friends with Matea and her older sister, Danika, both of them winners of Butte Electric Cooperative's college scholarship program.

Tessa said her choice to work with goats mostly came down to a practical matter. She cites her smallish physical stature as one reason for channeling her focus on the species.

"I'm 5 feet tall and I came to the conclusion that I didn't want to hold on to something way bigger than me," she said.

At age 12, Tessa went with her father, Darrin, to an auction and brought home her first three animals: Buttercup, Sassy and Thunderbolt. She describes the event as "love at first sight." In her first year to show at the Brown County Fair, Tessa won ribbons in the breeding and showmanship divisions and has placed many times since then.

A former gymnast and a member of Northern Electric based in Aberdeen,



## Moorse sees goat-breeding as a gift



Clockwise from top/left: FFA President Tessa Erdmann; Kylee Ellerton of Custer; Taylor, Tate and Tye McGraw of Raymond.



Tessa said she has also experienced a large measure of mutual support within the animal exhibition community.

"Everybody is always so nice and you can count on everyone to help one another," she said. "We're competitive inside the ring, but outside we're family and we don't hate each other. One year, someone's father was hurt and couldn't make it to the competition. Everyone chipped in to help the family out."

Becca Tullar is a 4-H advisor in Brown County. She explained what she believes is the reason for the rising interest in goats.

"They're a good starter animal and youngsters get used to them and many of the students stick with them. They kind of grow up together," she said. "They're easy to handle. Once you get them halter-broke they'll go wherever you want. They're fun animals to show.

They're almost like pets and they build easy bonds."

One competitor who has a way with his goats is Tate McGraw, a 17-year-old from Raymond who has Down syndrome. His father, Wade, said Tate has been showing since he was 8.

"It's been a real blessing. He's easy-going and just has a way with the animals. He can get them to do things that other handlers can't," he said.

His other son Tye, 14, and daughter Taylor, 13, also show goats and other animals and McGraw said they each have their individual strengths.

"The best thing as a father is to see the network of friends they've developed across the state. They all support each other and they've learned to respect one another because they know one day they could be on top and the next day they could be on the bottom."



Garret Moorse isn't sure if he chose goats or goats chose him. In 2004, Moorse received twin Nubian kids – a buck and a doe – as a birthday gift. That gift sparked an interest in goats that has led him to building a top breeding operation in southwest Minnesota.

By 2011, Moorse was ready to hit the show circuit with only marginal success in the early stages. It would take a couple of years to make it to the American Dairy Goat Association. National Show in St. Paul where Moorse-G Foxy was named Reserve Junior National Champion Recorded Grade. He saw it all as a learning process.

"When I started out I didn't win anything but I learned a lot, and not to mention I met so many great people that I now call close friends," he said. "When Foxy won, that's what really got us excited and dedicated to continue on this path with dairy goats."

Moorse raises and markets Alpines, Lamanchas, Saanens, Toggenburgs and Recorded Grade Seniors and Juniors.

He said he enjoys working with the animals and is especially appreciative of his "goat family."

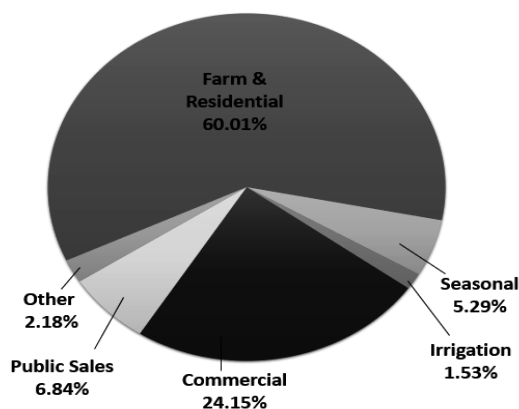
"It's a tight community and we're always seeing each other at shows, exchanging information and sharing ideas," he said. "I couldn't do what I do without my family and friends."

For more information, Moorse can be contacted at 507.530.3175.

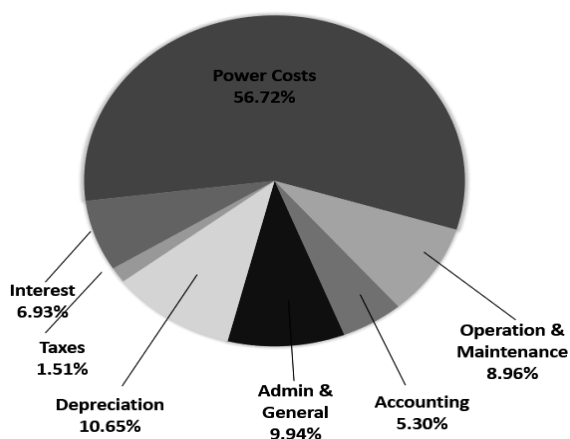
## WHETSTONE VALLEY 2021

# Financial Statements

## 2021 REVENUE DOLLAR



## 2021 EXPENSE DOLLAR



2021 Financial Statements have not been audited.

Operating Summary	2020	2021
<b>Income</b>		
Farm and Residential	6,322,640	6,186,730
Residential Sales Seasonal	579,862	545,602
Irrigation Sales	141,676	157,770
Commercial/Industrial	2,515,191	2,489,680
Public Sales	691,207	705,277
Other Operating Revenue	44,200	224,815
<b>TOTAL REVENUE</b>	<b>10,294,776</b>	<b>10,309,874</b>
<b>Expense</b>		
Cost of Purchased Power	5,645,593	5,671,660
Operation of Lines	590,061	578,574
Maintenance of Lines	509,550	316,989
Consumer Accounting & Collecting	189,719	167,427
Customer Service Expense	268,296	318,854
Sales Expense	30,777	44,016
Other Admin. & General Expense	992,671	993,486
Depreciation	1,017,572	1,064,497
Taxes	150,893	150,873
Interest Expense	687,714	693,298
Other Misc. Expense	160	134
<b>TOTAL EXPENSE</b>	<b>10,083,007</b>	<b>9,999,809</b>
Operating Margins for the Year	236,685	328,163
Non Operating Margins for the Year	40,279	17,761
G&T Capital Credits & Other	472,651	438,511
<b>TOTAL MARGINS FOR THE YEAR</b>	<b>749,615</b>	<b>784,435</b>
<b>Balance Sheet</b>		
	<b>12/31/2020</b>	<b>12/31/2021</b>
<b>Assets</b>		
Lines, Office Bldg. & Operating Equipment	34,752,214	36,139,363
Construction Work in Progress	366,170	800,015
Less: Reserve for Depreciation	(9,566,931)	(10,266,871)
<b>TOTAL ELECTRIC PLANT LESS DEPR.</b>	<b>25,551,454</b>	<b>26,672,507</b>
Cash on Hand	1,964,625	2,761,867
Patronage Capital & Investments in Related Organizations	6,362,954	6,487,434
Working Capital, Member Loans & Investments in Other Organizations	1,312,529	1,128,845
<b>TOTAL CASH &amp; INVESTMENTS</b>	<b>9,640,108</b>	<b>10,378,147</b>
Receivables from Electric Consumers	727,440	938,265
Interest & Others	198,123	95,577
<b>TOTAL RECEIVABLES</b>	<b>925,563</b>	<b>1,033,842</b>
Materials & Supplies	604,256	821,470
Prepaid Insurance and Dues	22,523	36,000
Deferred Debits	239,020	397,818
<b>TOTAL MATERIAL &amp; OTHER ASSETS</b>	<b>865,800</b>	<b>1,255,288</b>
<b>TOTAL OF WHAT WE OWN</b>	<b>36,982,925</b>	<b>39,339,784</b>
<b>Liabilities</b>		
Amount Borrowed from RUS, CFC & Cobank	22,627,025	24,694,548
Payments - Unapplied	(58,061)	(58,061)
<b>TOTAL LONG TERM DEBT</b>	<b>22,568,964</b>	<b>24,636,487</b>
What we owe Consumers (Deposits)	160,617	157,232
Regulatory Liabilities	300,000	150,000
Deferred Credits	53,182	47,835
Accounts Payable & Other Liabilities	1,097,953	1,128,836
<b>TOTAL OTHER LIABILITIES</b>	<b>1,611,752</b>	<b>1,483,904</b>
<b>TOTAL AMOUNT WE OWE</b>	<b>24,180,716</b>	<b>26,120,391</b>
Patronage Capital & Other Equity	12,802,209	13,219,394
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>36,982,925</b>	<b>39,339,784</b>





**Jon Christensen**  
Operations Manager

Every spring I seem to be writing this same article. It may seem a little repetitious and a little overboard to talk about this topic every spring. The reason we are persistent on repeating this message is for the safety and well-being of our members and the public.

I say this is because over the winter, long or short, we lose track of the topic of power line safety.

Whether these lines are overhead or underground, they are perfectly safe if we focus on the things around us and follow the guidelines of working safely around powerlines.

Underground power lines can be dangerous if we do not follow guidelines. The best way to make sure you are safe when working around these lines is by calling 811. This is the number the cooperative uses as well

as the public, and we all need to call to have the underground power lines located. This is not only a state law, but it is essential to everyone's safety. Any time digging takes place this number must be called. Here are some examples: replacing fence posts, digging footings for a new building or even planting a tree. These are just a few common things that require 811 to be called.

Overhead power lines can also be taken for granted. Complacency and loss of focus is usually the main driver behind accidents that happen with overhead power lines. Everyone must be aware of their surroundings and know where the power lines are – whether you are plowing a field, unfolding a sprayer, climbing a tree or working on a ladder. These are all examples of when accidents have happened and continue to happen every day across the country.

Working around power lines is perfectly safe if we all follow guidelines and stay focused while working around them. One of Whetstone Valley Electric's top priorities is to keep our members and the public safe. This is the reason we mention this every year. We feel that your safety is worth the time to continuously educate and remind our members and the public about power line safety.

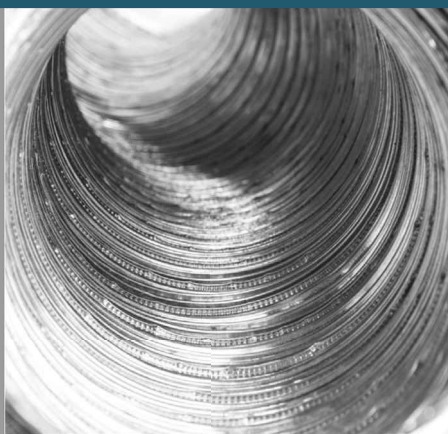
Below are web addresses to safety videos if you would like to watch them:

- <https://vimeo.com/322806175>
- <https://vimeo.com/531274567>
- <https://vimeo.com/345085153>

The video below is about a real-life incident that happened in South Dakota:

- <https://vimeo.com/372679444>

## PLUG INTO SAFETY



A clean dryer duct makes for a safe home. Experts recommend cleaning your dryer duct twice a year to avoid potential fire hazards.

## Energy Efficiency Tip of the Month

Even in summer months, adding insulation to your attic can keep your home more comfortable and save energy used by your cooling system. If your attic insulation is level with or below your floor joists (meaning you can easily see your joists), you should add more. If you can't see any of the floor joists because the insulation is well above them, you likely have enough insulation.

Attic insulation should be evenly distributed with no low spots. Make sure the areas along the eaves are adequately covered.

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





# THE POWER OF LOAD MANAGEMENT

Chris Danielski monitors an irrigation pivot control panel from his phone app. Photos by Billy Gibson

## Load control program reaps big rewards for both residents and large energy users

**Billy Gibson**

billy.gibson@sdrea.coop

Danielski Farms didn't become a blue chip producer over the past four decades by making boneheaded business decisions.

In 2013, the company was invited by Cherry-Todd Electric to participate in the cooperative's irrigation load management program. Load management is a term used to describe a co-op's ability to balance the system's electrical load by adjusting or controlling network demand.

Better balance brings greater efficiency and lower costs for all consumers on the system.

Len Danielski recalls pulling the leadership team together and weighing the pros and cons. The proposal included installing specialized equipment that would allow Cherry-Todd to temporarily interrupt power - when warranted - to any of roughly 200 irrigation pivots across 18,000 acres.

While different electric co-ops have their own load management policies, Cherry-Todd's guidelines call for a lower irrigation rate for participants and the right of the consumer to withdraw and return to the regular rate at any time.

The deliberation process was helped along by the fact that Danielski's General Manager Gary Garvin previously served as a board member at Cherry-Todd. He was aware the cooperative business model was designed and intended to produce "win-win" situations for both the co-op and its owner-members.

Danielski Farms ultimately decided to place all of its irrigation system under load management and Len Danielski reports the results have exceeded expectations.

"We found it was a winner all the way around. We have the choice to place one pivot, two pivots, or all pivots on the load control program, or none," he said. "We've analyzed the benefits over time and found that the company wins,

the cooperative wins and the co-op members win. It's a great partnership."

Chris Rahn, Cherry-Todd's primary key account contact, said load management is a tremendous benefit for members because it allows the cooperative - working in concert with both the member and the co-op's wholesale supplier Rushmore Electric - to distribute power more efficiently.

Rahn explained that one of the best ways to deliver power at the lowest possible cost is to "shave the peak" or to make sure supply and demand stay in a constant state of equilibrium as conditions such as weather, member consumption and market forces change constantly. Utilities are able to control supply but can find it challenging to project what consumer demand will be at any point in time.

Educated projections are important, but there are occasions when it helps for the co-op to have some control over demand. In the end, everyone benefits.

"We've had a residential water heater load control program for quite a while and it's been well-received by our



members,” Rahn said. “It enables us to get a better handle on the demand side and that’s a benefit for all the members on our lines.”

Garvin said another mitigating consideration for Danielski Farms is the fact that Cherry-Todd has done its part by making significant improvements to its infrastructure over time.

“We used to joke that we were always under load management because the power would go out a lot, but things have changed dramatically for the better and we hardly ever get bumped these days,” Garvin said. “I’ve also got load management on my water heater at home and it works for us.”

Len Danielski said that under the load control program power to his pivots rarely gets disrupted and typically only for a few hours when it does. He said the company is pleased to participate in a program that will ultimately benefit all co-op members across the system.



From left, Gary Garvin, Len Danielski, Chris Danielski and Chris Rahn discuss Cherry-Todd Electric’s load management program.

“We’ve found interruptions are usually during times when we don’t need to be irrigating anyway, like in the heat of the day when a lot of the water will only get evaporated,” he said. “And if it helps the cooperative and saves every member on the system some money, that’s great.”

Another element that makes the program work for Danielski Farms is the installation of a remote irrigation control system. All of Danielski’s pivots



All of the roughly 200 irrigation pivots at Danielski Farms are under Cherry-Todd Electric’s load management program.

are connected to the Ag Sense phone app that enables a user to turn the pivots on or off individually or in groups, and receive an abundance of electronic data.

Chris Danielski manages the app and said the telemetry allows him to track exactly when load control is being implemented, though he usually receives information from the co-op as well. He said efficiencies gained through both programs have resulted in net savings.

“If we have an hour or two of load management, once we get the notice that we’re back on I can restart the pivot from inside the office,” he said. “It used to take several hours to get someone to go out and restart the system.”

East River Electric, based in Madison, is a power supply cooperative that delivers wholesale electricity to 24 distribution co-ops in eastern South Dakota and western Minnesota. East River has offered its co-ops a load management option since 1985 and has saved members roughly \$260 million in avoided wholesale power costs.

More than 75,000 different electric loads in homes, farms and businesses are connected to the system, including water heaters, air conditioners, irrigation systems and other big energy users.

Chris Larson, general manager of Clay-Union Electric, said the co-op based in Vermillion offers end-use consumers a load control program for

## LOAD MANAGEMENT

water heaters, irrigation systems, grain bins and other commercial processing equipment.

The cooperative has 320 irrigation systems under load management with requests for 10 more in the near future as drought conditions show no signs of abating.

Larson emphasized that every cooperative has its own unique rate structure and load management policies when it comes to discounts, demand charges, time-of-use, system peaks and other variables. He said it’s important for consumers to contact their local co-op for details and to work closely with staff to find the best solutions for the member.

He said co-ops are obligated to capture their costs of providing power but are also responsible for finding ways to accommodate their member-owners and helping them achieve their individual goals.

“Load management really is essential to maximizing system efficiency,” Larson said. “It’s a sophisticated process that ultimately leaves the member with plenty of choices. If we’re controlling irrigation or commercial operations at a time that’s not good for them or complicates their workflow, they need the ability to override the control system so they can make a good business decision that’s best for them.”



# NATIVE SPECIES GARDENING

Southeastern Electric member Sue Nipe of Sioux Falls puts in a lot of work tending to her native species garden but also receives many rewards for her efforts. *Photos by Brett Snyders*

## Native species gardens are good for the environment, diet and soul

**Billy Gibson**

billy.gibson@sdrea.coop

If you're a big fan of grass, you might not be too impressed with Sue Nipe's yard. That's because there's isn't a blade of grass to be found.

Nipe lives in a conventional middle-class subdivision in southeast Sioux Falls, but there's nothing conventional about her yard. She's a huge proponent and practitioner of native species gardening and her property stands out prominently from all the rest.

Diagnosed with celiac disease in 2013, Nipe decided to focus on eating healthy and growing much of her own food right there on her own plot of

suburban ground. She decided to pull out all the grass and weeds by their roots, plant some vegetables and herbs - along with a smattering of ornamentals - and before long her corner lot was bursting with native species from porch to curb.

Her key to maintaining a thriving native species garden? Well, there are several, but mulch appears somewhere at the top of the list. Ecologically friendly wood mulch, she explained, is necessary to keeping the weeds out and locking in the moisture.

"I put mulch around everything," Nipe said, noting that she purchased 150 bags of wood mulch last year and had just one weed-pulling session over

the entire spring and summer seasons

"Some try to use small rocks but most of the time they have them removed because during the summer they heat up and burn the plants from the bottom up," she cautioned.

Nipe said native species gardens are in many ways easier to maintain than exotics and are better for the local ecosystem because the plants have adapted to the climate and soil conditions over many generations, are largely resistant to pests and fit into the natural landscape both ecologically and aesthetically.

They are also better at preventing soil erosion, they help reduce air pollution in the local area, use less water, and they provide nectar, pollen and seeds for native butterflies, insects and birds to munch.





A visitor would be hard-pressed to find a blade of grass in Nipe's home landscape.

Moreau-Grand Electric member Doug Hofer is a horticulture teacher at the Cheyenne River School System in Eagle Butte. He said teaching students about the benefits of cultivating native species is important to the preservation and conservation of the landscape.

He uses the school's well equipped greenhouse to teach his students about the fundamentals of horticulture, including vegetables, ornamentals,

succulents and herbs. Toward the end of each semester, the students are instructed to choose a native species that they can find and identify on the prairie, conduct some research and produce a slide show on the topic. They also sell their plants at local markets in the spring and donate their proceeds to their FFA chapter.

Hofer also teaches a class on wildlife and fisheries at the school.

"Everything with the environment and landscape all tie in together," he said. "I think students need to learn about native species and working with those plants that have adapted to our climate and thrive in our part of the world. We also talk about how these plants and herbs have been cultivated and used by people who have inhabited the Great Plains for hundreds and thousands of years."

## Studer named winner of TSE's Distinguished Service Award



East River Electric's Chief Member and Public Relations Officer Chris Studer has been named the 2022 Touchstone Energy® Cooperatives Distinguished Service Award recipient. Touchstone Energy Board President Deb Mirasola presented Studer with the award at the National Rural Electric Cooperative Association's annual meeting in Nashville.

Studer was honored for promoting the cooperative difference and helping Touchstone Energy evolve into a strong brand with more than 650 members in 46 states.

"Chris exemplifies the values of our brand and provides unwavering support to his member systems and local community," Mirasola said.

## PHOTO CONTEST: WINTER IN JULY

By the time the summer heat sets in, many South Dakotans will be looking back with fond memories of the winter season.

Readers of Cooperative Connections are invited to send us a photo of your favorite experience from the winter of 2022. The top selected photos will be published in the July edition. A \$50 gift certificate will go to the winning photographer.

Send your photo to [billy.gibson@sdrea.coop](mailto:billy.gibson@sdrea.coop) with the subject line "Winter Memories." File format should be jpeg, PNG or PDF.

The deadline to enter is May 20. Good luck to all contestants.



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.

To view the publication's master event calendar, scan the QR code below:



Or visit <https://sdrea.coop/cooperative-connections-event-calendar> to view more upcoming events.

**APRIL 27-30**  
**45th Annual Kingswood Rummage Sales**  
 Southwest Sioux Falls, SD,  
[kingswoodrummage.com](http://kingswoodrummage.com)

**APRIL 28**  
**MercyMe: The Inhale (Exhale) Tour**  
 Denny Sanford Premier Center,  
 Sioux Falls, SD, 605-367-7288

**APRIL 28-30**  
**26th Annual Black Hills Dance Festival**  
 The Monument, Rapid City, SD,  
[blackhillsdancefestival.com](http://blackhillsdancefestival.com)

**APRIL 29-MAY 1**  
**State USBC Women's Bowling Tournament**  
 Village Bowl, Mitchell, SD,  
 605-336-5583

**APRIL 29-MAY 1, 5-7**  
**Ordinary Days**  
 Grand Opera House, Pierre,  
 SD, [pierreplayers.com](http://pierreplayers.com)

**APRIL 30**  
**SDSO Centennial Finale**  
 Washington Pavilion, Sioux  
 Falls, SD, [sdsymphony.org](http://sdsymphony.org)

**MAY 3-8**  
**Come From Away**  
 Washington Pavilion, Sioux  
 Falls, SD, [www.washingtonpavilion.org/event/come-away](http://www.washingtonpavilion.org/event/come-away)

**MAY 7**  
**Cinco de Mayo Fiesta**  
 131 E Falls Park Drive, Sioux  
 Falls, SD, 605-274-3735

**MAY 8**  
**Mother's Day Tours**  
 Historic Adams House and  
 Days of '76 Museum,  
 Deadwood, SD, 605-578-3724

**MAY 14-15**  
**AMA Coins and Sports Cards Show**  
 Denny Sanford Premier  
 Center, Sioux Falls, SD,  
 605-321-9195

**MAY 14-15**  
**Ellsworth Air and Space Show**  
 1940 EP Howe Drive, Ellsworth  
 AFB, SD, [ellsworthairshow.com](http://ellsworthairshow.com)

**MAY 15**  
**PAW Patrol Live!**  
 Swiftel Center, Brookings, SD,  
[www.swiftelcenter.com](http://www.swiftelcenter.com)

**MAY 17**  
**Norwegian Independence Day**  
 Main Street, Vivian, SD,  
 605-222-3296

**MAY 20-22**  
**Annual Sound of Silence Tesla Rally**  
 615 Washington Street, Custer,  
 SD, 605-673-2244

**MAY 20-22**  
**Open House and Free Fishing Weekend**  
 Statewide, SD, 605-223-7660

**MAY 21**  
**Booth Day**  
 D.C. Booth Fish Hatchery,  
 Spearfish, SD, [dcboothfishhatchery.org](http://dcboothfishhatchery.org)

**MAY 21**  
**Frühlingsfest & Spring Market**  
 Main Street, Rapid City, SD,  
 605-716-7979

**MAY 28**  
**Deadwood Live: Hank Williams Jr.**  
 Outlaw Square, Deadwood, SD,  
[www.deadwoodlive.com](http://www.deadwoodlive.com)

**MAY 28**  
**Memorial Weekend in Mitchell**  
 Main Street, Mitchell, SD,  
 605-292-4444

**MAY 28-29**  
**Black Hills Renaissance Faire**  
 Manuel Brothers Park, Lead,  
 SD, [www.blackhillsrenfest.com](http://www.blackhillsrenfest.com)

**MAY 29-30**  
**Back When They Bucked Rodeo**  
 Days of '76 Arena, Deadwood,  
 SD, 605-718-0810

**MAY 30**  
**Prairie Points Quilt Guild Show**  
 Harding County Memorial Rec  
 Center, Buffalo, SD,  
 605-641-5591

**JUNE 2-5**  
**Wheel Jam**  
 South Dakota State  
 Fairgrounds, Huron, SD,  
[www.wheeljam.com](http://www.wheeljam.com)

**JUNE 3-5**  
**Lake Andes Fish Days**  
 Citywide, Lake Andes, SD,  
 605-487-7694

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