

COOPERATIVE CONNECTIONS



Building Communities

REED Fund Helps
Support Local Growth

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DERs and the
Electrical Grid

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Dave Eide, right, presents a check to Jason Foster, left, fire chief of Garden City Fire Department. Through the REED fund, the department secured a loan to renovate the fire hall.

Rate Stability Into New Year



Jordan Lamb
Chief Executive
Officer

I first would like to wish you all a Happy New Year from all of us at Oahe Electric Cooperative. We continue into 2025 with focus on one thing – you. Our members have been and continue to be the backbone of our business and the reason we serve. I'm sure you've likely had questions regarding rates for the upcoming year, and yes, we

will have a rate increase of 1-2% depending on rate class. This increase excludes large load contracts that do not take Western Area Power Administration allocation in blended power rates.

What causes rate increases? Inflationary trends over the past several years have been trickling into power markets through increased equipment and fuel costs. We saw approximately a 6.7% rate increase from our power suppliers for year 2025. Our power suppliers at the generation level are WAPA and Basin Electric Cooperative. That power then flows into East River Electric Power Cooperative and onto over 20 members in the Class C level, Oahe being one of them. You as a member owner of Oahe collectively own part of East River and Basin, along with contracted power supplied through WAPA's legacy power contract. The delivery chart is shown to provide a broad understanding of the electron – from production to your homes.

Given our power supply costs are increasing, what can Oahe do to take 6.7% of an increase and lower it to 1-2%? We maintain a deferred revenue account accompanied by investments that create margins to offset the rate increase. We are extremely pleased to tell you that we will be utilizing these additional margins to offset 2025 rate increases and maintain a rate significantly below inflation.

We fully expect and anticipate rates to remain stable for the upcoming years, and to put money back into our members pockets as quickly as possible through low rates. We hope you all had a Merry Christmas and a Happy New Year! We appreciate your support and are excited for year 2025!



Rate Chart

	Present Rates	New Rates
Farm and Residential Rate		
Facility Charge	\$50 per month	\$51 per month
Energy Charge	\$0.090 per kWh	\$0.091 per kWh
Electric heat and air conditioning	\$0.055 per kWh	no increase
Small Power Rate		
Billing Demand	\$10/KW	\$10.50/KW
Facility Charge - single phase	\$50 per month	\$51 per month
Facility Charge - three phase	\$100 per month	\$102 per month
Energy Charge		
First 150 kWh per KW of billing demand	\$0.076	\$0.077
Excess kWh	\$0.056	\$0.057
Large Power Rate		
Demand Charge	\$10/KW/month	\$10.50/KW
Energy Charge		
First 150 kWh per KW of billing demand	\$0.076	\$0.077
Excess kWh	\$0.056	\$0.057
Dusk to Dawn and Street Lighting		
175MV/100HPS - Unmetered	\$12 per month	no increase
175MV/100HPS - Metered	\$8 per month	no increase
400MV/250HPS - Unmetered	\$15 per month	no increase
400MV/250HPS - Metered	\$10 per month	no increase
Irrigation		
Monthly Minimums	\$1.75 per HP	no increase
Off Peak	\$6.00 per KW	\$6.50 per KW
On Peak	\$20 per KW	\$20.60 per KW
Energy Charge		
First 150 kWh per KW of billing demand	\$0.071	no increase
Excess kWh	\$0.051	no increase
Range Wells		
Facility Charge	\$50 per month	\$51 per month
Energy Charge	\$0.090 per kWh	\$0.091 per kWh
Idle Services		
Idle Service Fee	\$50 per month	\$51 per month

(Rates do not include any applicable taxes)

COVE HEAT SALE

Oahe Electric Cooperative is offering great deals on our remaining Cove Heat inventory! Call 1.800.640.6243 today to learn more!

COOPERATIVE CONNECTIONS

OAHE ELECTRIC

(USPS No. 019-042)

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OAHE ELECTRIC COOPERATIVE CONNECTIONS is published monthly by Oahe Electric Cooperative, Inc., PO Box 216, 102 S. Canford, Blunt, SD 57522, for its members. Families subscribe to Oahe Electric Cooperative Connections as part of their electric cooperative membership. Oahe Electric Cooperative Connections' purpose is to provide reliable, helpful information to Oahe 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 Blunt, SD 57522 and at additional mailing offices.

POSTMASTER: Send address changes to Oahe Electric Cooperative Connections, PO Box 216, Blunt, SD 57522-0216; telephone (605) 962-6243; fax (605) 962-6306; e-mail oahe@oaheelectric.com; www.oaheelectric.com

Our Mission

Oahe Electric delivers high quality, low-cost electric service to our local member-owners. As a Touchstone Energy® Cooperative, we are committed to meeting the highest standards of customer satisfaction. We do business with accountability, integrity, innovation and commitment to community. As an electric co-op, we are part of America's most trusted network of high quality energy providers.

Fire Safety

Cooking and heating are the leading causes of home fires and fire injuries, and winter months are the peak time for fire-related deaths.

Minimize Your Risks

The good news: Deaths from home fires in the U.S. have trended downward since the 1970s, according to Injury Facts, but even one death from a preventable fire is too many. While fire doesn't discriminate by age, it is the third leading cause of death for children 1 to 14.

When cooking, make fire safety a priority by keeping these tips in mind:

- Be alert; if you are sleepy or have consumed alcohol, don't use the oven or stovetop
- Stay in the kitchen while you are frying, grilling, boiling or broiling food
- When simmering, baking or roasting, check the food regularly, remain in the kitchen while cooking and use a timer
- Keep anything that can catch fire away from your stovetop

Heating is the second leading cause of home fires.

Follow these tips:

- Keep all flammables, like paper, clothing, bedding, drapes or rugs, at least three feet from a space heater, stove or fireplace
- Never leave portable heaters and fireplaces unattended; turn off heaters and make sure fireplace embers are extinguished before leaving the room
- If you must use a space heater, place it on a level, nonflammable surface, like ceramic tile, not on a rug or carpet
- Keep children and pets away from space heaters
- When buying a space heater, look for models that shut off automatically if the heater falls over

Other top causes of fire include smoking, electrical problems and candles. To minimize risks:

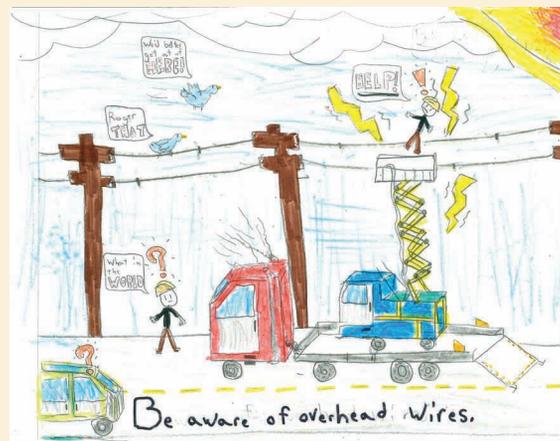
- Institute a "no smoking" policy in the house
- Check all cords and replace any that are frayed or have bare wires
- Switch to flameless candles
- Keep matches and lighters high and out of children's reach in a locked cabinet

Working Smoke Alarms Are a Must

Replacing the Battery on a Smoke Alarm About three out of five fire deaths happen in homes without working smoke alarms. Smoke alarms are a key part of a home fire escape plan providing early warning to reduce your risk of dying in a fire. The National Fire Protection Association recommends you:

- Install smoke alarms on every level of your home, inside bedrooms and outside sleeping areas on the ceiling or high on the wall
- Keep smoke alarms away from the kitchen, at least 10 feet from the stove, to reduce false alarms
- Use special alarms with strobe lights and bed shakers for people who are hard of hearing or deaf
- Test smoke alarms monthly
- Replace batteries in your smoke alarm and carbon monoxide detector annually
- Replace smoke alarms that are 10 or more years old

Source: National Safety Council



"Be aware of overhead wires."

Vance Claeys, Age 11

Vance Claeys cautions readers to be careful when working around power lines. Thank you for your picture, Vance! Vance's parents are Jake and Bridget Claeys, members of Lyon-Lincoln Electric.

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.

SOUP

Sensation

BROCCOLI CHEESE SOUP

Ingredients:

- 1 large pkg. frozen broccoli
- 1/4 cup water
- 3 tbsps. margarine
- 10 oz. package corn
- 1/4 cup chopped carrots
- 1/4 cup chopped onion
- 1/4 tsp. pepper

Cook the above and add
 3 cans cream of potato soup
 3 cups milk
 2 cups shredded Cheddar cheese
 1/2 cup shredded Monterey Jack cheese
 Stir until melted

LaVonne Schmidt
 Sioux Falls, S.D.

NORWEGIAN FRUIT SOUP

Ingredients:

- Bring 1/2 gallon water to a slow boil.
- Add 1 pkg. of sweetened dried cherries, banana chips, apricots, prunes, 2 apples (all cut into pieces)
(Optional to use any dried fruit you wish)
- 1/2 cup golden raisins
- 1/2 cup regular raisins
- 2 whole cloves
- 2 cinnamon sticks
- 1 cup sugar (you can use Splenda)

Method

Boil slowly for one hour add 3 tbsps. tapioca and a large pkg. of cherry jello.
 Refrigerate and serve with whip cream.

Kari Reder
 Warner, S.D.

CABBAGE SOUP

Ingredients:

- 1-2 tbsps. vegetable oil
- 1 pkg. (14 oz.) smoked sausage, sliced 1/4 in. thick
- 1 large yellow onion, chopped
- 1 tbsp. tomato paste
- 1 small green cabbage, cored and shredded (about 8 cups)
- 1 medium carrot, finely chopped
- 1 can (14 1/2 oz.) petite diced tomatoes
- 1 1/2 tsps. salt
- 1/2 tsp. garlic powder
- 1/2 tsp. ground black pepper
- 1/4 tsp. onion powder
- 1/8 tsp. crushed red pepper
- 4 cups chicken stock or broth
- 1 can (15 1/2 oz.) white beans, drained and rinsed
- 1 tbsp. white wine vinegar

Method

Heat oil and cook sausage, until browned. Remove from skillet. Add onion and tomato paste; cook and stir until onions are slightly softened and tomato paste has darkened. Add cabbage and carrots to stockpot. Cook, stirring frequently, about 30 minutes or until cabbage has softened and begins to caramelize. Stir in tomatoes, salt and spices. Cook 10 minutes longer or until cabbage is very soft. Return sausage to pot. Stir in stock and beans. Bring to boil. Reduce heat and simmer 10 minutes. Stir in vinegar. Serve hot, sprinkled with freshly grated Parmesan cheese, if desired.

McCormick.com

Please send your favorite 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 2025. All entries must include your name, mailing address, phone number and cooperative name.

Get Comfy, Cozy and Save \$\$\$



Valerie Marso
Chief Financial Officer

Ensuring your home is properly insulated is especially important in central South Dakota, where winters can be harsh and summers hot. Proper insulation improves energy efficiency and makes your home more comfortable year-round. Think of insulation as a warm winter coat that reduces heat loss during the cold months and a barrier that minimizes heat gain in the summer.

Many older homes in central South Dakota may have less insulation compared to newer homes, but even newer homes can benefit from adding insulation. While insulation isn't always the cheapest upgrade, it provides one of the best returns on investment when it comes to energy savings and overall comfort.

The most common areas to insulate are attics, ceilings, crawlspaces, unconditioned basements, exterior and interior walls, floors, and ductwork in unconditioned spaces. These areas are key to preventing heat loss in the winter and ensuring your home stays cooler in the summer months.

The insulation needs for your home depend on the climate, so it's essential to know the recommended R-values for your area. South Dakota falls into a colder climate zone, so higher R-values are needed to keep your home energy efficient. The U.S. Department of Energy provides easy-to-follow guidelines for insulation R-values based on climate zones. For more detailed recommendations, visit energy.gov/insulation.

Insulation is rated by R-value, which measures its resistance to heat flow. A higher R-value

indicates better insulation. The R-value needed depends on factors like local climate, your home's heating and cooling system, and the areas you're insulating. Given the cold South Dakota winters, it's important to focus on maximizing insulation in attics and exterior walls to prevent heat loss.

There are a variety of insulation materials available, including fiberglass rolls, spray foam and cellulose made from recycled paper products. If you're thinking about adding insulation to your home, it's a good idea to consult with a local expert. They can help you choose the right material based on your budget, climate, and specific comfort needs.

Investing in quality insulation for your home not only increases comfort, but also helps you save on heating and cooling costs, making it a wise choice for year-round energy efficiency.



Fiberglass insulation. *Photo by Erik Mclean*

Statement of Non-Discrimination

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident. Person with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202)720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800)877-8339. Additionally, program information may be made available in languages other than English. To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: 1.) mail - U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; 2.) fax: (202) 690-7442; or 3.) email: program.intake@usda.gov. USDA is an equal opportunity provider, employer, and lender.

Operation Round Up Means Small Change Makes Big Difference

What is Operation Round Up?

Operation Round Up® is just what the name implies: each month, Oahe Electric Cooperative, Inc. simply “rounds up” the electric bills of voluntarily participating members to the next highest dollar. For example, a member’s monthly bill of \$132.68 would automatically be rounded up to \$133, with the additional 32 cents going to the Operation Round Up Fund.

How do I participate?

Oahe Electric’s Operation Round Up® program is an opt-out program – meaning that you are automatically enrolled, with nothing else needing done to participate! If you are not interested in donating, you can call the office at 1-800-640-6243 and request to be removed from the program.

How much will it cost members?

The most a member can contribute is 99 cents per month x 12 months = \$11.88/year – this doesn’t sound like much, but with this small change, thousands of dollars can be generated and will mean a big difference to the people and organizations in our area.

Where will the money go?

All Operation Round Up® donations are placed in a trust and are administered by an independent Board of Trustees. The board is made up of Oahe Electric members who serve on a voluntary basis. The board evaluates all requests

for funds, determines who will receive funding and how all Operation Round Up® funds will be distributed.

Who is eligible for funds?

The funds are used to address charitable community needs, whether it is disaster relief for an individual, or an organization funding a special project. Since the program’s first disbursement in 2009, the program has distributed almost \$150,000. The region served by the fund is primarily the electrical area served by Oahe Electric Cooperative, Inc., including Hughes and Sully counties.

How do I apply for funds?

The easy-to-complete applications for funding are currently available and can be requested by phone at 605-962-6243. Applications can also be found on our website at www.oaheelectric.com. All applications are due by April 30, 2025. Completed applications may be mailed to: Oahe Electric Cooperative, Inc., P.O. Box 216, Blunt, SD 57522, faxed to: 605-962-6306, or emailed to: oahe@oaheelectric.com. After the deadline, the Board of Trustees will meet and allocate the funds to those they feel are in the most need.

Together, by giving a few cents each month, Oahe Electric members can make a big impact on life in our area!

TIPS TO AVOID ENERGY SCAMS

Scammers will try anything to deceive utility customers, including a tactic that claims customers have overpaid their bill. If you receive a call, text or email from someone claiming you overpaid a utility bill and need to provide your banking or credit card information to receive a credit, it’s likely a scam. In most cases, your utility will apply a credit to your account to cover future charges or refund an overpayment with a mailed check.

Source: Utilities United Against Scams





Pulse of Life Kids Center in Vermillion, S.D.

BUILDING COMMUNITIES

REED Fund Helps Support Local Growth

Jacob Boyko

jacob.boyko@sdrea.coop

Small towns and rural communities are the backbone of electric cooperatives, with many co-op members relying on their small towns for shopping, childcare, entertainment and other basic needs and services.

That’s why co-ops are working to help keep – and expand – services and job opportunities in small towns using the co-ops’ Rural Electric Economic Development Fund, or REED.

REED is a non-profit organization launched by the electric cooperatives in 1996 to finance community-focused projects across small towns in South Dakota and Western Minnesota where affordable financing can be harder to secure.

REED has multiple sources of funding, but one of the main sources of funding over the years has been the United States Department of Agriculture. REED has utilized both the Rural Economic Development Loan and Grant Program (REDLG) and the Intermediary Relending Program (IRP), which together have amounted to more than \$30 million.

Through the REDLG program, REED

can fund eligible projects at a 0% interest rate. Through the IRP program, REED applies for low-interest loans and then re-lends the money at a rate slightly higher than the USDA rate – but still less than traditional lending sources. This adds money to the fund and perpetuates it for future projects.

Since the fund’s inception, it’s been used to support more than 400 community-focused projects.

East River Electric Business Development Director Mike Jaspers says it’s in co-ops’ best interests to make rural living just as feasible as living in a larger city.

“It comes back to our principle of commitment to community,” Jaspers explained. “REED ensures our membership has their vital needs met, and they can enjoy the amenities of life in a rural setting when they’d otherwise have to go to a larger city to access some of those services.”

Eric Fosheim, East River Electric’s economic development director in charge of the REED fund, said the \$130 million lent by REED has impacted more than 10,000 jobs and amounted to over \$1 billion of economic impact throughout

South Dakota and Western Minnesota.

“Our \$1 million investments help spur \$10 million projects, which means for every \$1 REED invests into a project, it roughly has a \$9 or \$10 impact,” he explained.

As a supplemental lender, REED won’t finance a project alone; organizations still must secure funding from other sources. However, REED’s low interest rates and community focus can be just what a project needs to catalyze it over the finish line.

As members of the REED fund, co-ops can impact economic development projects while letting REED take on the financial risk.

“The co-ops aren’t on the hook and aren’t guaranteeing the loans here,” Fosheim explained. “REED is doing that.”

Pulse of Life Kids Center – Vermillion, S.D.

Pastors Glenn and Angela Pulse had a vision and a calling. Pulse of Life Foursquare Church, which they hoped to start on Vermillion’s Main Street inside an old medical clinic, had the ability to serve a greater need in the community, where the wait lists for childcare sometimes exceeded three months. They had the faith — they just needed some resources.

The church council worked with First Bank & Trust to secure a loan to create the Pulse of Life Kids Center, but the bank couldn’t lend them the entire amount they needed.

“New daycare centers have a high rate

of failure, so we couldn't qualify for all of the money that we needed through bank loans," Angela explained. "Instead of saying no, the bank manager suggested we go about it in a different way. That's how the conversation about the REED fund came up."

Clay-Union Electric Manager Chris Larson said supporting the Pulses, who are members of the co-op, made sense for Vermillion, where challenges from workforce shortages and the lack of childcare options are prevalent.

"It fills a need in our community," Larson said.

Fosheim agrees.

"Workforce challenges have really been an issue in recent years and one way we try to help with that is by investing in daycares," he said. "Daycares don't always look that good on paper from a financial standpoint, so a lot of these organizations have a hard time getting adequate financing."

With the REED fund's \$245,000 loan, the Pulses' vision finally took shape and the Kids Center opened in 2023. Today, the center offers faith-based daycare with a capacity for 43 of the community's children.

"It's encouraging because it puts more options on the table to make these new things possible," Angela said. "There's no way we could have done this without the REED fund."

Fire Station – Garden City, S.D.

In Garden City, a small community northwest of Watertown, a dilapidated fire hall sat rotting into its own footprint.

"It was just in a state of disrepair," said Scott Campbell, treasurer at the Garden City Fire Department. "The walls were pushing out and we had to put plastic over the doors. It was cramped and old. The truck was parked over a basement area, and being heavy and full of water it caused some concern."

Options were narrowing; Garden City would have to act fast or lose their fire station and rely on surrounding communities during an emergency.

Codington-Clark Electric Director



Nursing home expansion in Philip, S.D.

Russel Foster, who also volunteers for the fire hall, approached his co-op's manager, Dave Eide, in 2022 about using REED to breathe new life into Garden City's fire hall.

Eide agreed and helped with the application process, championing the fire hall as a vital need for Garden City, the co-op and co-op members.

"Everybody needs fire protection," Eide explained.

Through REED, the fire hall secured a \$230,000 loan. The new hall features a community room, which Scott said filled a desperate need.

"We had no place to vote, no place for birthday parties," Campbell said. "Township meetings were in houses at kitchen tables."

For Eide, the REED fund is just another example of what co-ops are supposed to do – serve communities.

"It's an extension of what co-ops are in the first place," he said. "We sell power to members and that's one way we help and serve our communities. The REED fund is just another extension of that."

Elder Care – Philip, S.D.

In rural Philip, limited options for elder care had some long-time locals facing tough decisions.

"Our nursing home for a lot of years was not big enough," said Cindy Pfeifle, business manager at Philip Health Services. "Members of our community were having to leave the area when they needed nursing home care."

After applying for a REED loan in 2022 through West Central Electric and securing funding from other community sources, Philip Health Systems renovated and expanded the nursing home, increasing occupancy from 30 beds to 42 beds.

West Central Electric CEO Jeff Birkeland said access to the REED fund is essential for rural areas without much population growth.

"We need to keep our people from moving away and keep our businesses local," Birkeland said. "The best way to do that is by giving them access to very low-interest financing. Saving hundreds of thousands of dollars in interest costs makes projects much more feasible."

Pfeifle says the community support was essential to initiate the project and applauds REED for helping bring opportunities back to small towns.

"It sends a message of support and cooperation and that they understand how important it is to keep services in rural areas for people who live here," Pfeifle said.

The nursing home project was the first in West Central Electric's territory to use the REED fund, but Birkeland hopes many more projects are to come.

"We are a cooperative, so job number one is to take care of our members and do everything we can to help our communities," Birkeland continued. "If somebody comes to you or you see a need in our communities, we're all in."

Incentives & Rebates for Oahe Electric Members

ELECTRIC HEATING SYSTEMS

All heating equipment must be new. Members are eligible for one heating rebate once every 10 years per structure. (One additional rebate for ductless heat pump/mini-split under 2 tons is allowed)

1. Electric Furnace OR Electric Boiler OR Resistance Heat (7.5 KW minimum)

- 100% efficient
- \$200 Rebate
- 5.5 cents per kwh for heating usage

2. Air Source Heat Pump/Ductless Air Source Heat Pump (Mini-split) WITH Electric Furnace Backup (Must be 2-ton or above)

- 250% efficient
- \$600 Rebate
- 5.5 cents per kwh for heating and cooling usage
- Must meet the DOE manufacturing standards for HSPF efficiency

3. Ductless Air Source Heat Pump (Mini-split under 2 tons) - must have existing submeter or qualifying new build.

- 250% efficient
- \$300 Rebate
- 5.5 cents per kwh for heating usage
- Must meet the DOE manufacturing standards for HSPF efficiency

4. Geothermal Source Heat Pump

- 350% efficient
- \$600 Rebate
- 5.5 cents per kwh for heating and cooling usage

SUB METERS

All electric heating and cooling systems will have their usage recorded by a sub meter. Oahe Electric must be notified by member or electrician of the need for sub meter installation.

- Sub meter must be installed on the outside of the structure.
- If breaker to sub meter is turned off, all usage will be billed at the regular rate of 9 cents per kwh, instead of the reduced rate of 5.5 cents per kwh

- Air conditioning must be controlled by load management to receive reduced rate of 5.5 cents per kwh. Minisplits are not able to be controlled.

WATER HEATERS

All water heaters must have a lifetime warranty or a 10-year manufacturer warranty for tank leakage, a minimum of 50-gallon capacity and be controlled by load management. Members are only eligible for rebates once every 10 years per structure.

- \$6 per gallon rebate
- \$4 monthly bill credit

COMMERCIAL LIGHTING

Commercial accounts are eligible when replacing less efficient lighting with more efficient lighting. Must have a minimum of 250 watts in lighting reduction to qualify.

- 20 cents per watt reduction rebate
- Maximum payment per structure is \$1,000

THIRD-PARTY IRRIGATION AND/OR GRAIN DRYER MANAGEMENT SYSTEMS

Must be able to receive notice regarding load control via email, text or voice with less than a 15-minute delay. Also must provide Oahe Electric with customer bypass information.

- One-time, \$750 rebate per device



Water Heater Photo by Rheem Manufacturing Company

Oahe Electric Accepting Lineman's Scholarship Applications

Oahe Electric Cooperative is offering a \$1,000 scholarship for a full-time student registered or planning to register in a power line construction and maintenance program.

The purpose of this scholarship is to emphasize and support the education of future power line workers in South Dakota. Oahe Electric has committed to providing funds for financial assistance to students enrolled in power line maintenance programs

with the hopes that graduates of that program will pursue a career with rural electric cooperatives in the area.

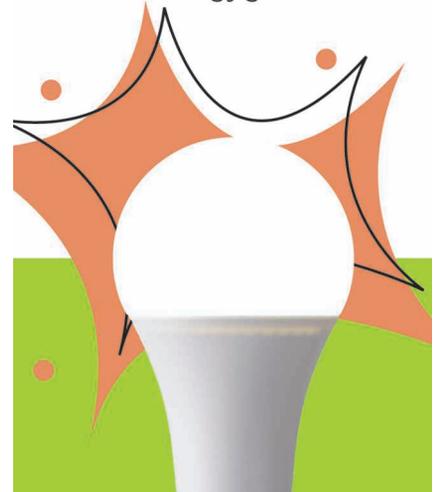
Applicants for the scholarship must be a member or a member dependent of Oahe Electric. Applications for the 2025-2026 academic year are being accepted until February 14, 2025.

For more information, contact Oahe Electric at 1-800-640-6243 or oahe@oaheelectric.com. Applications can also be downloaded by visiting our website at www.oaheelectric.com.

ENERGY EFFICIENCY TIP OF THE MONTH

If you have a home office, look for opportunities to save energy in your workspace. Use ENERGY STAR®-rated equipment, which consumes up to 50% less energy than standard models. Set equipment like printers and scanners to automatically switch to sleep or energy-saver mode when not in use. In addition to saving energy, the equipment will stay cooler, which will help extend its life. Another way to save energy in your home office is to use efficient lamps for task lighting. Replace any older bulbs with energy-saving LEDs.

Source: energy.gov



Oahe Electric Accepting Applications for 2025 Scholarships

Oahe Electric, in conjunction with Basin Electric Power Cooperative, is offering one \$2,000 college scholarship to a lucky student in the Hughes and Sully County area. In addition to this scholarship, Oahe Electric is offering four \$1,000 college scholarships.

The scholarship program recognizes and encourages the academic achievements of students in our region. It also serves as an investment in the economic future of rural areas.

Applicants for the scholarships must be a U.S. citizen and a member or member dependent of Oahe Electric. Applicants also must be students enrolled or planning to enroll in a full-time undergraduate course

of study at an accredited two-year or four-year college, university or vocational/technical school.

The scholarship recipients are chosen based on a combination of a written essay, SAT/ACT scores, overall grade-point average, work experience, participation in school and community activities, a personal statement of career goals and a written recommendation by a third party.

Applicants for the 2025-2026 academic year are being accepted until February 14, 2025.

For more information, contact Oahe Electric at 1-800-640-6243 or oahe@oaheelectric.com. Applications can also be downloaded by visiting our website at www.oaheelectric.com.



The Waxdahl's solar array and hog farm, east of Flandreau. *Submitted Photo*

DISTRIBUTED ENERGY

Understanding the Impact of DERs to the Electrical Grid

Frank Turner
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Farming has always been a way of life for fourth-generation producers Matt Waxdahl and his brother, Ben. Growing up just outside of Flandreau, the brothers spent their childhood lending a hand on their grandfather's and father's farms.

Over time, Matt and Ben started their own operation. As the market evolved, so did the brothers. In 2009, they expanded into hog farming, building their first barn. Their success led to the addition of two more barns, the most recent constructed in 2022.

According to Matt, raising hogs comes with one major benefit: temperature-controlled barns.

"It's all under one roof, and it doesn't matter if it's 100 degrees outside or -20, it's always T-shirt weather," said Matt.

However, keeping their hogs on a permanent tropical vacation requires a significant amount of energy. During the summers, industrial fans and a stout ventilation system keep the barn cool, while powerful heaters maintain a comfortable environment in the biting South Dakota winters.

Two years ago, the brothers tackled this energy-intensive challenge by installing a 30-kW solar array. With guidance from Sioux Valley Energy, their local electric cooperative, they determined the project would financially benefit their operation due to availability of tax credits and grant funding.

"We saw that the majority of our power usage was always during the day," Matt explained. "We did some number crunching, and it penciled out."

Distributed Energy Resources

The Waxdahl brothers' decision to invest in a solar array reflects how farmers and ranchers across the state are utilizing Distributed Energy Resources (DERs) like solar panels and on-site wind turbines. While some producers use solar panels to power remote water pumps, others invest in larger systems like solar arrays to offset the energy demands of their farms.

According to Ben Pierson, energy services manager at East River Electric, DERs are not common across the state. However, Pierson noted there are situations where DERs make sense: in remote areas where connecting to the electrical grid is too costly, for businesses or individuals looking to leverage tax credits and grant funds, and

for individuals who want to produce their own energy as a personal or environmental choice.

“The most successful applications of DERs that I’ve seen have been for agricultural operations like hog and dairy farms, where the producer has been able to secure both grant funding and tax incentives,” said Pierson. “It makes sense economically because they are using most their energy during the day when solar is producing.”

Even in the best-case scenarios, DERs still face challenges. Without existing tax breaks and grant funds, the energy savings from Waxdahls’ solar array would not have justified the expense. “It wouldn’t be economically efficient at all without the tax credits and grant funding,” Matt said.

The array has also not been as efficient as the Waxdahls had hoped. While the panel installers projected a return on investment within seven to 10 years, the reality after two years of operation suggests it may take closer to 12 to 15 years for the panels to pay for themselves.

Despite the challenges, Matt considers his solar array a successful addition to his hog operation. “If I had another barn the same size, I would make the same decision to add a solar array,” he said.

The Electrical Grid

While DERs offer renewable energy options at the local level, South Dakota’s electrical grid already incorporates significant contributions from renewable energy sources at a wholesale price.

In fact, Basin Electric Power Cooperative, a generation and transmission cooperative serving South Dakota’s electric cooperatives, began purchasing energy from the Wild Springs Solar Project in 2024. Located near New Underwood, the 128-megawatt facility is the largest solar farm in the state. Basin Electric is set to purchase 114 megawatts of the project’s output, marking its first step into utility-scale solar generation.

The benefits of this project are already underway, said Pierson.

“Building a large-scale solar array is much more economically feasible than

a smaller-scale solar array,” said Pierson. “It lets us implement renewable energy into the portfolio in a cost-effective way.”

According to Pierson, power providers are continually working to implement renewable energy where it makes sense while providing reliable energy at an affordable price.

Connecting to the Grid

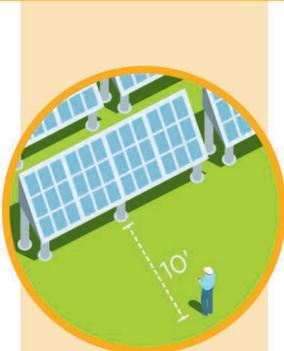
When considering the addition of DERs such as solar panels or an on-site wind turbine, Pierson encouraged members to contact their local electric cooperative to ensure the system is properly sized and safely connected.

When implementing a DER, there are often safety requirements in place to protect both the DER owner and the grid operators.

“Especially if you are talking to a third-party vendor, please reach out to your local utility to discuss the pros and cons – and realities – of implementing DERs,” said Pierson. “Utilities can offer unbiased information regarding the expected output and proper sizing of a DER.”

SAFETY NEAR SOLAR

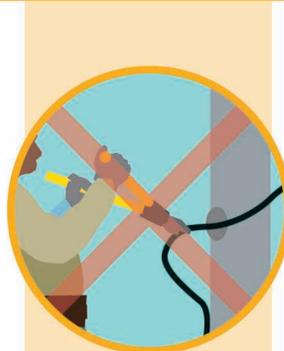
Like any other source of electricity, solar panels can pose potential hazards. Keep these safety tips in mind when you’re near solar panels.



Stay at least 10 feet away from the installation.



Never walk on solar panels.



Never cut any wiring to the solar panels.



Never touch broken or damaged solar panels.



COMMUNITY GROWTH

Twin home built in 2022. These handicap accessible units have three bedrooms, two baths and double attached garages. Photo submitted by Dick Werner

Building a Stronger Community Through Workforce Housing

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Supply and demand for workforce housing in South Dakota remains an issue for many smaller communities. Wage and worker demand has outpaced what many rural communities offer in affordable housing supply. Attracting and retaining qualified workers is becoming more of a challenge due to the simple, albeit costly, prerequisite for a place to live.

The need to develop and provide workforce housing at reasonable rates is a trending topic that one community advocate in Herreid, S.D., quickly acted on – resulting in a population increase for the first time since the town’s 1960 census.

Dick Werner, member of Cam Wal Electric and Black Hills Electric, has long championed the development of rural towns as a business owner, economic development consultant,

former state legislator and former county commissioner. He saw a need in his hometown for workforce housing, which he attributed to the dwindling population.

“When we first started tracking our population, we found that the highest number in our population fell into the category of 65 and older,” Werner said, “Next was the workforce group. Our lowest was our youth, which directly correlated with our depleting school enrollment.”

In 2016, Werner and other community leaders found the Herreid Area Housing Development (HAHD), a nonprofit committed to improving the town’s housing stock and ensuring long-term growth. Using this, the group worked quickly – gaining funds to build a place where workforce families would want to live

“It’s been one of the most rewarding challenges you can deal with,” Werner

said. “If you don’t control the dirt, you don’t control the future.”

Werner attributes his community’s growth to working families moving and staying in Herreid as well as welcoming diversity into the community’s workforce.

“It’s not just building homes, but it’s knowing what you have in your community,” Werner said. “We not only needed places for families to live, but we also needed to welcome diversity and make our community family friendly.”

Public facilities were similarly given attention to promote community growth. Playgrounds, sports facilities and the city pool were updated through a combined effort of donations, loans and grants.

Since 2017, five speculative homes have attracted 25 new residents to Herreid. The HAHD also purchased a remodeled eightplex apartment, a fourplex built in 2009, and two new twin homes – all full with a waiting list.

“That’s where we worked with the South Dakota Housing Opportunity Fund,” Werner said. “It gave us half the money to build and it’s forgivable after 20 years.”

South Dakota Housing is a self-supporting, nonprofit entity that

provides financing solutions such as housing bonds, tax credits and other federal and state resources to fund housing programs. This funding provides housing construction and rehabilitation, rental assistance, educational opportunities and more. One program offered is the South Dakota Housing Opportunity Fund.

Amy Eldridge, Rental Housing Development Director for South Dakota Housing, highlighted the financial virtues of the program.

“Local economic development groups and any property developer may apply for the funding,” said Eldridge. “It’s about the attractive financing that the program offers at 0% interest. With today’s interest rates, it’s hard to develop a property if you have to pay 7% interest while trying to construct it.”

Working with \$3 million annually, the South Dakota Housing Opportunity Fund has a competitive application process. New construction as well as building acquisition and rehabilitation qualify.

South Dakota Housing also offers infrastructure funding through the Housing Infrastructure Financing Program. John Curry and partner Chris Dunham of Elk Point Investments were recent recipients of these funds. They are currently developing land in Elk Point, S.D., where more than 150

homes have been built over the past 27 years.

“We’re the land developers, so we do the dirt work and civil engineering, and we sell to home builders,” said Curry. “The South Dakota Infrastructure Fund was something I had read about. . . We were in a good position to apply, and it provided 1/3 of the development costs if you met the criteria. With this funding, we are targeting to sell 56 lots beginning the spring of 2025.”

South Dakota Housing was allocated \$200 million by the state in 2023 to provide loans and grants for the development of housing infrastructure through the Housing Infrastructure Financing Program. Any for-profit or non-profit entity, tribal government, housing authority, political subdivision or agency of South Dakota is eligible to apply for funding.

“There is a shortage for housing,” said Curry. “I think you’re going to see a nice boom in workforce housing throughout the state because of this funding.”

(Right) Elk Point development. *Photo submitted by John Curry*

(Below) The pool project included a new bath house, new step-in pool with water features and existing main pool enhancements. The total project cost was \$1,132,000, with HAHD raising \$800,000 through grants and fund raising activities.

Photo submitted by Dick Werner

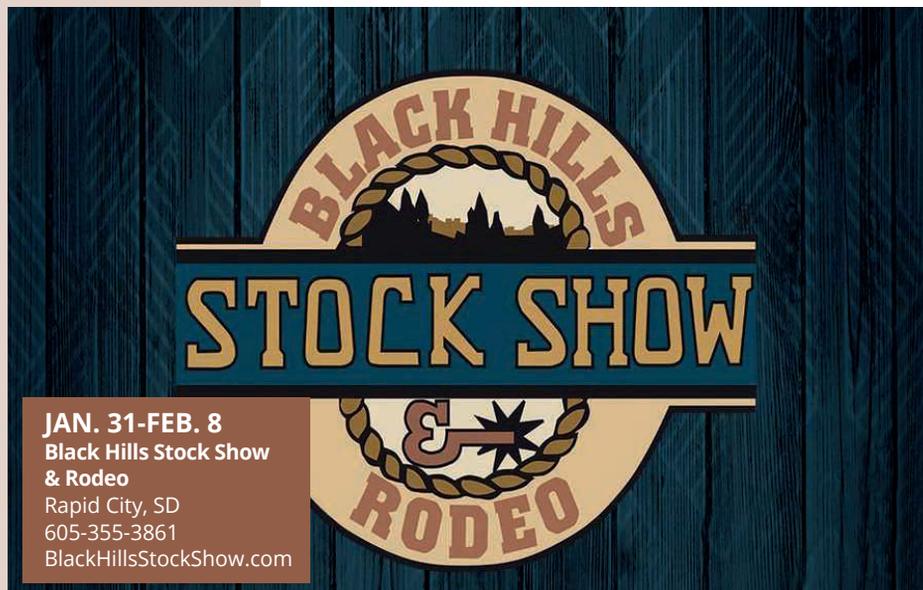


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Your Phone Number: _____

Your E-mail Address: _____



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.

FEB. 1
James River Gobblers Wild Turkey Banquet
5 p.m.
Highland Conference Center
Mitchell, SD
605-999-3208

FEB. 2
Hot Dish Competition Lake County Museum Fundraiser
11 a.m.-1 p.m.
St. Thomas School Gym
Madison, SD
605-256-5308

FEB. 8
Polar Bear Chili Cook-Off
11 a.m.-2 p.m.
Main Street
Hill City, SD

FEB. 8
Dad & Daughter Dance
6-8 p.m.
Joy Ranch
Florence, SD
www.joyranchofsd.com

FEB. 8
ALL Ability Skate Day
Disability Awareness & Accessibility Committee
1-3 p.m.
Main Street Square
Rapid City, SD
605-390-4434

FEB. 14-17
11th Annual Frost Fest
9 a.m.-3 p.m.
Brookings, SD
605-692-7444

FEB. 15
Sioux Empire On Tap
Sioux Falls Convention Center
Tickets available online
www.siouxempireontap.com

FEB. 22
Knights of Columbus Ice Fishing Derby
Waubay Lake
Registration 9-10 a.m.
605-881-5075

FEB. 22
Bellator Titans Charter Casino Night Fundraiser
6-11 p.m.
316 2nd St.
Aberdeen, SD

FEB. 28-MARCH 1
Mardi Gras Weekend
8 p.m. Fri.-10 p.m. Sat.
Main Street
Deadwood, SD
605-578-1876

MARCH 8-9
Philip Area Annual Gun Show
Sat. 9 a.m.-5 p.m.
Sun. 9 a.m.-3 p.m.
American Legion Hall
Philip, SD
605-859-2135

MARCH 14-15
Badlands Quilter Weekend Getaway
Fri. 5 p.m.
Sat. 8 a.m.
Community Center
Wall, SD
605-685-5718

APRIL 4-5
Annual Schmeckfest
German Heritage Celebration
748 S Main St
Freeman, SD
605-925-4237

APRIL 11-12
Junkin' Market Days Spring Market
Fri. 4-7 p.m.
Sat. 9 a.m.-4 p.m.
\$5 Admission
W.H. Lyon Fairgrounds
Sioux Falls, SD
www.junkinmarketdays.com

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