



COORDINATING POWER ACROSS THE GRID

Tim Stewart, CEO/Manager

When you flip a switch, electricity is there— instant, reliable and ready to power your day. The electric grid has been called the worlds most complicated machine. It is a carefully coordinated system made up of many “grid power players,” all working together to keep the lights on and power flowing.

At Clark Electric Cooperative, we think it is important for our members to have an understanding of how this system works and who is involved in delivering the electricity you depend on every day.

It all starts with generation owners and operators. These are the facilities that actually produce electricity. Power plants convert energy from a variety of sources—such as natural gas, coal, nuclear energy, and renewables like wind, solar, and hydro—into electricity. These facilities may be owned by electric utilities, government entities, or private companies. In most regions, a diverse mix of generation sources helps ensure reliability while also supporting affordability and sustainability goals.

Once electricity is generated, it needs to travel—often across long distances—to reach local communities. That is where transmission owners and operators come in. Using high-voltage transmission lines strung along massive towers, they move bulk electricity from power plants to local areas. You have likely seen these lines along highways or across open land. Because electricity cannot easily be stored in large quantities, this system must constantly move power from where it is produced to where it is needed, all in real time.

Clark Electric Cooperative is a member of Dairyland Power Cooperative, our local generation and transmission partners. Dairyland Power Cooperative is a private, not-for-profit wholesale power provider that generates and transmits electricity to Clark Electric Cooperative. Just as our members own Clark Electric Cooperative, Clark Electric Cooperative, along with other distribution cooperatives, own Dairyland Power Cooperative. In fact, Dairyland Power Cooperative was formed in 1941 for this very purpose.

Coordinating the flow of large amounts of power is a complex job, especially across multiple states or regions. In many parts of the country, organized wholesale markets, managed by Regional Transmission Organizations (RTOs) or

Your energy use directly influences how much electricity needs to be generated and delivered at any given time.

Independent System Operators (ISOs), handle this responsibility. These entities do not typically own power plants or transmission lines. Instead, they act as traffic controllers for the grid—balancing supply and demand every second of the day and directing which power plants should generate electricity at any given moment.

The Midcontinent Independent System Operator (MISO) is an independent, not-for-profit member-based organization responsible for keeping reliable and cost-effective power flowing across 77,000 miles of transmission lines. MISO focuses on three critical tasks: 1) Managing the flow of high voltage electricity across 15 U.S. states and the Canadian province of Manitoba; 2) Facilitating on of the world’s largest energy market with more than \$40 billion in annual transactions; 3) Planning the transmission grid of the future. The MISO footprint has reduced its carbon intensity by 32% since 2014. The generation supply of the region was comprised of:

- 36% natural gas
- 29% coal
- 15% wind
- 14% nuclear
- 4% solar
- 1% hydro
- 1% other (biomass, diesel, demand response)



Then there is the part of the grid most people are familiar with—your local electric utility. That is where Clark Electric Cooperative comes in. We take electricity from the high-voltage transmission system and deliver it directly to your home, farm, or business through lower-voltage distribution lines. We also maintain utility poles, power lines, breakers, regulators, and other essential equipment on the distribution system.

When storms roll through or outages occur, our crews are the ones working to restore power safely and as quickly as possible. Clark Electric Cooperative services approximately 9,800 members across a six (6) county service area over 2,018 miles of distribution line. We are proud to provide safe, reliable, affordable power that you can count on.

Finally, there is you—the end user. Homes, businesses, and industries all play a critical role in the grid. Your energy use directly influences how much electricity needs to be generated and delivered at any given time. During periods of high

demand—like hot summer afternoons or cold winter mornings, the grid must work harder to meet increased usage. Simple steps, like adjusting your thermostat or running appliances during off-peak hours, can make a meaningful difference.

Beyond these key organizations, there are also additional organizations working behind the scenes to ensure our grid remains reliable and secure.

The North American Electric Reliability Corporation (NERC) develops and enforces reliability standards through a collaborative stakeholder process that includes utilities, regulators, and industry experts. NERC also monitors the grid, trains personnel, and assesses risks to help maintain a strong and resilient electric system across North America.

Meanwhile, the Federal Energy Regulatory Commission (FERC) provides federal oversight. FERC regulates interstate transmission of electricity and oversees wholesale energy markets to ensure they operate fairly and efficiently. It also plays a role in hydroelectric licensing and energy infrastructure development, helping ensure safe and reliable energy delivery nationwide. Electric Cooperatives serve approximately 42 million Americans across 56% of the nation's landscape.

We are proud and committed of the vital mission we play in improving the quality of life of our members.

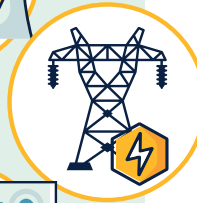
Grid Power Players

Electricity is available with the flip of a switch, but it travels great distances and is coordinated among multiple entities before it reaches your home or business. Take a look at the grid power players that ensure you receive reliable electricity.



1. Generation Owners & Operators

Power plants can be owned and operated by electric utilities, government entities or other private companies. Power plants produce electricity by converting energy from various sources—like natural gas, coal, nuclear, or renewables—into electricity.



2. Transmission System Owners & Operators

The transmission grid moves large amounts of electricity over long distances using high-voltage transmission lines attached to large towers. Like power plants, these lines can be owned by a variety of public and private companies.



3. Organized Wholesale Markets

In many parts of the country, Regional Transmission Organizations (RTOs) & Independent System Operators (ISOs) coordinate the flow of electricity across regions by balancing supply and demand in real time and managing the dispatch of electric generation and transmission across large areas with the participation of generation and transmission owners.



4. Electric Utilities (That's Us!)

Electric distribution utilities take electricity from the transmission system and deliver it to homes and businesses through lower-voltage distribution lines. They also maintain local power lines, poles and other essential equipment.



5. End Users (That's You!)

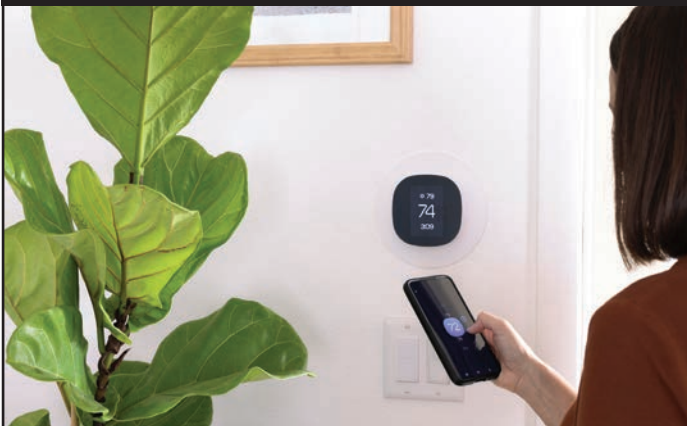
End users consist of the homes, businesses and industries that consume electricity. Their demand drives how much electricity is generated and how the grid is managed in real time.

Other Key Players:

NERC: The regulatory authority that develops and enforces mandatory, reliability standards for the North American bulk electric grid. (Standards are developed through a stakeholder process.)

FERC: Independent federal agency that oversees interstate transmission and wholesale electricity sales, ensuring fair access to the grid.

ENERGY EFFICIENCY TIP OF THE MONTH



During these warm summer months, a smart thermostat can help keep your home comfortable while reducing cooling costs. Smart thermostats learn your routine and automatically raise the temperature when you're away and cool things down before you return, avoiding unnecessary energy use. You can also adjust settings remotely from your phone, so you're never cooling an empty house. Setting your thermostat a few degrees higher while you're away or asleep can lead to significant savings. Many smart thermostats provide reports and tips, helping you fine-tune your energy use and stay cool while keeping your electric bill in check.



CLARK ELECTRIC AWARDS \$33,500 IN SCHOLARSHIPS

Congratulations to our 2026 scholarship award winners! Clark Electric awarded 14 scholarships to students in our service area totaling \$33,500. Each year we offer scholarships to high school students whose homes are served by Clark Electric and who attend schools within our service area. These scholarships are financed through the Federated Youth Foundation Scholarship Program, which is funded from unclaimed capital credits. Federated Youth Foundation is a non-profit charitable foundation serving cooperatives in Wisconsin.

Concern for Community is one of the co-op principles; helping our youth further their education is one way we demonstrate that principle. Clark Electric is proud to help these fine young people meet their educational goals, as well as their future professions.



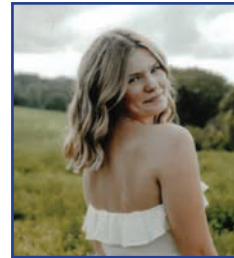
Lily Esselman
Abbotsford High School
UW-Stout
Bachelor of Science
Packaging



Kylie Steen
Colby High School
UW-Stevens Point
Major in Nursing;
Minor in Dance



Laney Bender
Colby High School
Northcentral
Technical College
Cosmetology



Liv Lucas
Greenwood High
School
University of Nebraska
Animal Science



Tatyam Travis
Greenwood High
School
UW-Madison
Elementary Education



Addysen Wolf
Loyal High School
UW-La Crosse
Accountancy



Emily Gerhardt
Neillsville High School
UW-River Falls
Agricultural Education



Kayla Rasmussen
Owen-Withee High
School
Northcentral Technical
College
Surgical Technologist



Camdyn Vogel
Spencer High School
UW-Milwaukee
Computer Engineering



Taylor Summerfield
Stanley-Boyd High
School
Chippewa Valley
Technical College
Business Management



Brent Abramczak
Thorp High School
UW-Stout
Construction
Management



Daryn Luther
Pittsville High School
UW-Stout
Mechanical Engineering



Lexi Schultz
Homeschool/RVA
UW-Stevens Point
Pre-Med

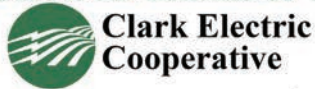


Mason Dieringer
Spencer High School
Northcentral Technical
College
Electrical Power Distribution



29th Annual Greenwood Area Dairy Breakfast

Hosted By the Greenwood FFA Alumni
and Greenwood Area Chamber of Commerce at



Your Touchstone Energy® Cooperative

1209 W Dall-Berg Rd., Greenwood, WI 54437
Handicap Parking available next to building, General Parking available on site

Serving Starts at 7am

Until 12:30pm
OR WHILE SUPPLIES LAST

Sunday, June 28th

Breakfast Includes:

Pancakes, Potato Pancakes, Sausage, Eggs,
Cheese Curds, Apple Sauce, Butter, Real Maple Syrup,
Soft Serve Ice Cream, Milk, Juice, Coffee, and Water.

ADULTS \$8
KIDS \$5
4 & UNDER FREE

Come enjoy breakfast and check out our great Raffle items,
Local Crafters and Kid Zone play area

June is Dairy Month

Thank you, farmers!



TIPS TO AVOID ENERGY SCAMS

Scammers are increasingly using “smishing” — fake text messages designed to look like they’re from legitimate businesses, including your electric utility. These texts may claim your bill is overdue, your service will be disconnected or you’re owed a refund. They often include a link that directs you to a fake payment site or asks for personal information. Never click suspicious links or respond to unexpected texts, even if the message appears urgent. Instead, log in to your utility account through the official website or mobile app to verify any claims. We will never ask for sensitive information like passwords or banking details through text messages.



Tim Stewart, CEO/Manager

1209 West Dall-Berg Road
P.O. Box 190, Greenwood, WI 54437
715-267-6188 • 800-272-6188

email us at info@cecoop.com or mwalde@cecoop.com
www.cecoop.com



**Clark Electric
Cooperative**

Your Touchstone Energy® Partner

Office Hours:

7:00 a.m. – 3:30 p.m. — May through October

7:30 a.m. – 4:00 p.m. — November through April