



**Clark Electric  
Cooperative**

Your Touchstone Energy® Partner 



**Tim Stewart,**  
CEO/Manager

# GRID RESILIENCY AND POWER RESTORATION

**A**s we are in the midst of summer seasonal storms, I would like to talk about grid resiliency relative to storm events and how power restoration takes place.

Resiliency of the grid is one of the most popular concepts being talked about in the electric industry today. Resiliency is many things—it's reliability in your electric service, it's our ability to efficiently restore your power, it's being able to meet the demands of new technology, and it's how we serve you with various generation sources without skipping a beat. Ultimately, resilience is how we deliver on our promise to improve the quality of life for our member-owners.

When it comes to having a resilient electric grid, it begins with a system that is designed and built to withstand high winds, powerful storms, cybersecurity threats, and other disruptions that could result in outages. A resilient grid

In the dictionary, resilience is defined as “the ability to bounce back, recover quickly and go back into shape or position after being stretched.” When it comes to providing our member-owners with resilient service, this is what we work toward—day in and day out!

is also flexible and adaptable by allowing different types of generation—such as wind, solar, coal and hydro—to seamlessly work together to provide you with safe and reliable power. The way our systems react to advancements in technology, from demand response investments to serving the needs of electric vehicles, all factor into the resilience of our grid.

Resiliency is a 24/7, 365-days-a-year task. Whether it's the power lines, substations, or generation facilities on our grid, it takes proactive maintenance and investment to keep them running smoothly. Consider Texas: lack of weatherization preparedness contributed to the events of February 2021.

In a similar way to how we maintain our vehicles with regular oil changes, inspections, and tire rotations, a grid must also be properly maintained. Throughout the year, we regularly conduct pole and line inspections and perform a host of maintenance programs like breaker maintenance and vegetation management. Our goal is to find a problem before it becomes one. For example, if we find a weak pole that has damage, we replace that pole. Doing so ensures that pole is as strong—or as resilient—as it can be.

Living in Wisconsin, we know that significant power outages can occur, especially as we enter spring and summer storm season. We know things can and do occur; however, we have confidence in the resiliency of our system to recover from the situation with as little disruption as possible.

For example, the cooperative experienced an extreme storm event with strong winds and a tornado on May 21, 2024. The first call came in at 7:10 p.m. with restoral by 10:10 p.m. on May 22, 2024. We had seven substations off due to loss of transmission to the substation and numerous distribution feeders and tap lines off, primarily due to trees. We had approximately 4,800 members off at any one time and a total of over 8,000 members were affected by the event.

I have been asked many times how power outages are restored. I would like to review how power restoration takes place. The following article explains how power is restored in the event of an outage after a widespread storm.

## Outage Restoration Priority

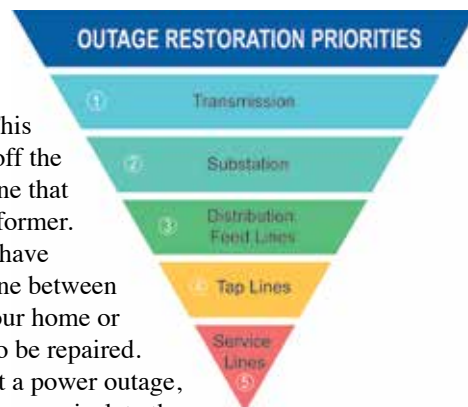
This can also be found on our website at [www.ccecoop.com](http://www.ccecoop.com). Damage can occur to transmission lines, substations, distribution lines, and your secondary service lines despite our best efforts. When this happens, our priority is to safely restore power to as many members as possible in the shortest amount of time. Transmission lines are handled first. These lines transmit power to distribution substations. If the substation can come back on, power can be restored to thousands at one time.

Next, crews inspect substations to determine if the problem starts there, or if there could be an issue down the line. If the source of the problem is at the substation, power can be restored to hundreds of members.

Next, crews check the distribution feeder lines that deliver power to homes and businesses. There are three phase lines that deliver power to various line sections. Once these are repaired, power is then restored to even more people. If you continue to experience an

outage, there may be damage to a line section or tap line. This is a line that comes off the three phase feeder line that energizes your transformer.

If you still don't have power, the service line between a transformer and your home or business may need to be repaired. Always call to report a power outage, which helps our line crews isolate these individuals.



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## CLARK ELECTRIC AWARDS \$28,000 IN SCHOLARSHIPS

Congratulations to our 2025 scholarship award winners! Clark Electric awarded 14 scholarships to students in our service area. Each student will receive \$2,000, totaling \$28,000. 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.



**Margo Lynn  
Pogodzinski**  
Abbotsford  
High School

UW-Green Bay  
Human Resources/  
Business Administration



**Tori Underwood**  
Colby  
High School

UW-Eau Claire  
Psychology



**Tryn Scheel**  
Loyal  
High School

UW-Stevens Point -  
Marshfield  
Finance



**Jarrett Rueth**  
Loyal  
High School

UW-Madison  
Biology



**Gabriella Kuhn**  
Neillsville  
High School

University of Mary  
Biology / Chemistry



**Morgan  
Strangfeld**  
Neillsville  
High School

Northcentral Technical  
College  
Pre-Veterinary Technician



**Colin Fritz**  
Owen-Withee  
High School

Northcentral Technical  
College  
Mechanical Engineering



**Mason Gray**  
Owen-Withee  
High School

Chippewa Valley  
Technical College  
Entrepreneursip



**Hannah Schreiner**  
Spencer  
High School

UW-Stevens Point -  
Marshfield  
Biology



**Riley Schad**  
Stanley-Boyd  
High School

UW-Platteville  
Mechanical Engineering



**Elizabeth  
Frankewicz**  
Thorp  
High School

Northcentral Technical  
College  
Dental Hygiene



**Alexa Schoen**  
Marshfield  
High School

UW-Madison  
Chemical Engineering



**Hannah Haas**  
Homeschool

Northcentral Technical  
College  
Dairy Science



**Jacob Hoppe**  
Colby  
High School

Northeast Wisconsin  
Technical College  
Electrical Power  
Distribution



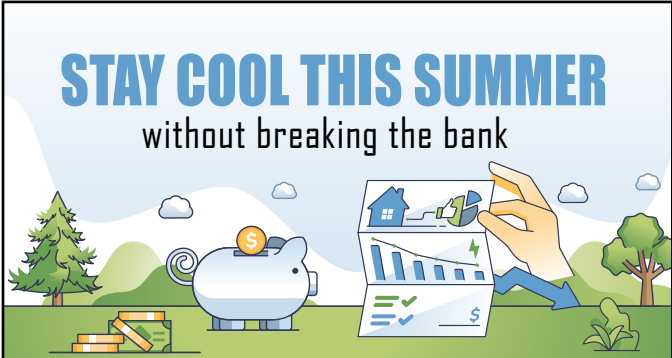
## CEO Message Continued from page 15

### Outage Text Messaging & Notifications

Clark Electric is pleased to offer an outage text messaging/notification program. The goal is to help keep you informed via text messaging to your mobile device regarding an outage status and other information. It is **FREE** and easy to do. Signing up for text messaging takes just six easy steps:

1. On our website, under Outage and then Report an Outage, you will see a link that says outage text messaging and notifications—sign up here. Click that link.
2. This will take you to the sign-up page. You can watch a tutorial on how to sign up (**strongly recommended**) or you can start the process by clicking Introducing Outage Notifications.
3. End user terms and conditions of use comes up. Click Accept to continue.
4. The site will then ask you for your account and mobile phone number. Input those. **IMPORTANT:** Your phone number must be on file in order to sign up. If your phone number is not on file you will NOT be able to continue. You can email, call, or send us that information.
5. A verification code will be sent to your phone. Input that code.
6. Once inside the portal will bring up account summary. Click the blue pencil beside your account and follow instructions.

Once you're signed up for the service, just text Outage to 55050 to report your outage. Once your outage is restored, you will receive a text. If you have any questions please contact our office at 715-267-6188.




**STAY COOL THIS SUMMER**  
without breaking the bank

Summer heat can strain both your comfort and your budget. As temperatures soar and energy demand peaks in the late afternoon and evening, it's time to take action.

**7 cost effective tips to help lower energy consumption:**

1. Request a home energy audit from your local utility to reduce energy loss.
2. Change your air filter regularly to help your HVAC system work efficiently.
3. Increase your thermostat by two degrees and set it to a higher temperature when you're away.
4. Install a smart or programmable thermostat for automatic temperature control.
5. Run dryers, washers and dishwashers during off-peak hours in the early morning or late evening.
6. Wash full loads of laundry in cold water. Detergent, not hot water, cleans the clothes.
7. Reduce indoor heat by limiting cooking and the use of heat-producing appliances during the hottest parts of the day.

 Safe Electricity.org®



**Clark Electric Cooperative's office  
will be closed Friday, July 4 for  
Independence Day.**

**ENERGY EFFICIENCY  
TIP OF THE MONTH**

Take advantage of the warmer weather to reduce home energy use. Avoid using your oven and use a grill instead. Not only will cooking outdoors eliminate the energy used to power the oven or stove, but it will also avoid raising the temperature inside your home, reducing the need for additional air conditioning.

You can also avoid using the oven with tasty no-bake recipes. Get creative in the kitchen and explore new ways to save energy!


*Source: energystar.gov*

### Tim Stewart, CEO/Manager

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[www.cecoop.com](http://www.cecoop.com)



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#### Office Hours:

November through April—7:30 a.m.–4:00 p.m.  
May through October—7:00 a.m.–3:30 p.m.