

Since 1940
WISCONSIN
ENERGY
Cooperative
October 2023 **NEWS**

TAYLOR ELECTRIC
Cooperative
Your Touchstone Energy® Partner

**AT THE HEIGHT OF FALL
TOWER WILL ELEVATE YOUR AUTUMN**

RISK TO RELIABILITY

ENERGY EFFICIENT DOORS

KIDS & CRITTERS





SAME TEMPERATURE, DIFFERENT DAY.

Kenneth Ceaglske, President/CEO

The graphs included with this article are the load curves for Thursday, August 24, and Monday, September 4 (Labor Day). Both days were well into the 90s for a high temperature. The high point in the curve is known as the peak load for the day. On August 24, the peak was just above 120,000 Megawatts (MW) and on September 4, the load was about 11,000 MW less. For perspective, Taylor Electric is about 12 MW of that total, and Dairyland Power makes up a little over 1,100 MW, or 0.1%.

Why the big difference between the two days? One of the largest differences

We are part of a larger market that may not have been experiencing the same weather patterns. Urban areas in different regions can drive loads and pricing.

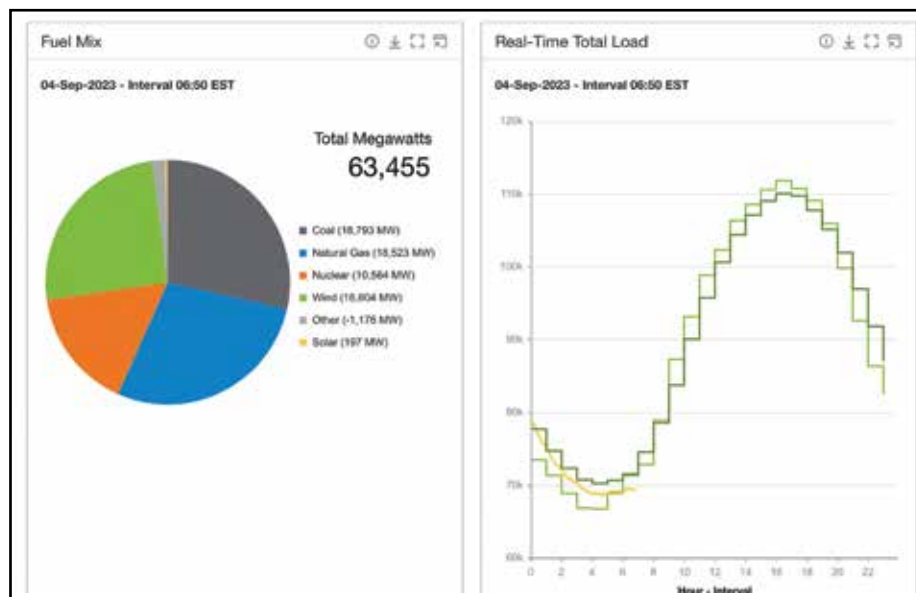
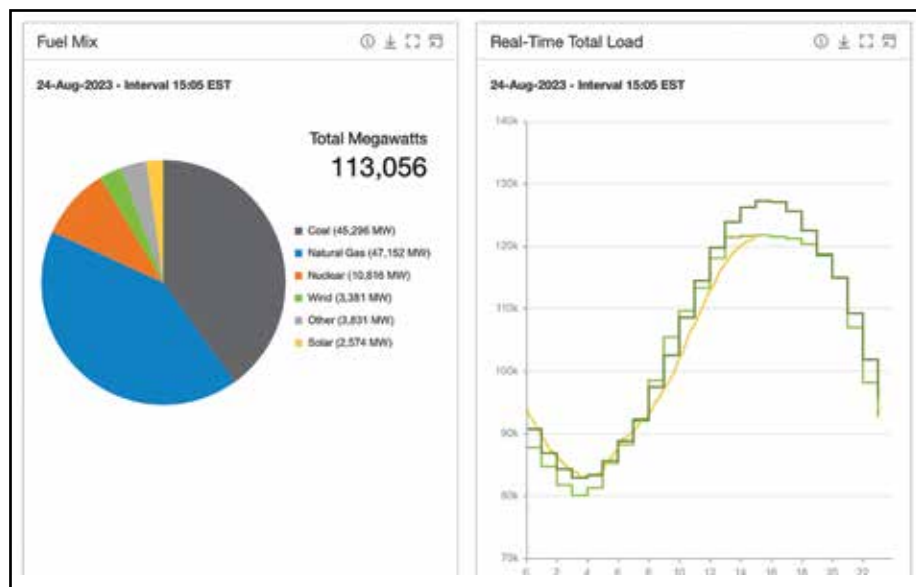
is that September 4 was a holiday, and another was the lower humidity. With the long holiday weekend, many commercial and industrial loads were closed for the weekend and off-line. In addition, while we were experiencing a heat wave in our area, this graph represents generation and load covering much of Minnesota, Iowa, Wisconsin, Michigan, Illinois, Indiana, Arkansas, Louisiana, as well as portions of the bordering states. We are part of a larger market that may not have been experiencing the same weather patterns. Urban areas in different regions can drive loads and pricing.

Another item to note are some of the similarities and differences between the two pie charts and associated data. While not a direct comparison, since I took the snapshot of both days at

different times, some issues still get highlighted well. The first item that may catch your eye is the green piece of the pie, which represents wind energy. On September 4, wind generated nearly 17,000 MW of power. However, on August 24 when the demand was much higher, it only provided about 4,000

MW due to calm winds. I have seen wind generation above 20,000 MW on a good day, but not necessarily on a day that we needed the energy. Similarly, solar (yellow slice) generation will vary based on sunshine and time of day.

You can see the difference between the
Continued on page 18



ELECTRIC CO-OPS GROW FOR THE COMMUNITIES THEY SERVE

OCTOBER IS NATIONAL CO-OP MONTH

October is National Co-op Month, and Taylor Electric is joining cooperatives across the U.S. to celebrate. Co-ops come in all shapes and sizes, but they each have a common goal: to provide goods or services for the members of the co-op.

Electric co-ops, including Taylor Electric, exist to serve their members. Our priority is to provide affordable, reliable energy to our local communities. Because we are led by you, the members we serve, we can evolve to meet your needs. Whatever that need may be, we offer programs on every level to meet the members where they are at.

This October, as we celebrate Co-op Month, we're focusing on the ways "Co-ops Grow" for their members.

Co-ops Grow Communities:

Co-ops help communities grow by promoting economic empowerment, fostering community engagement, and supporting the unique needs of co-op members. "Concern for Community" is one of our core principles—and being community-focused is essential to everything we do.

Co-ops Grow Together:

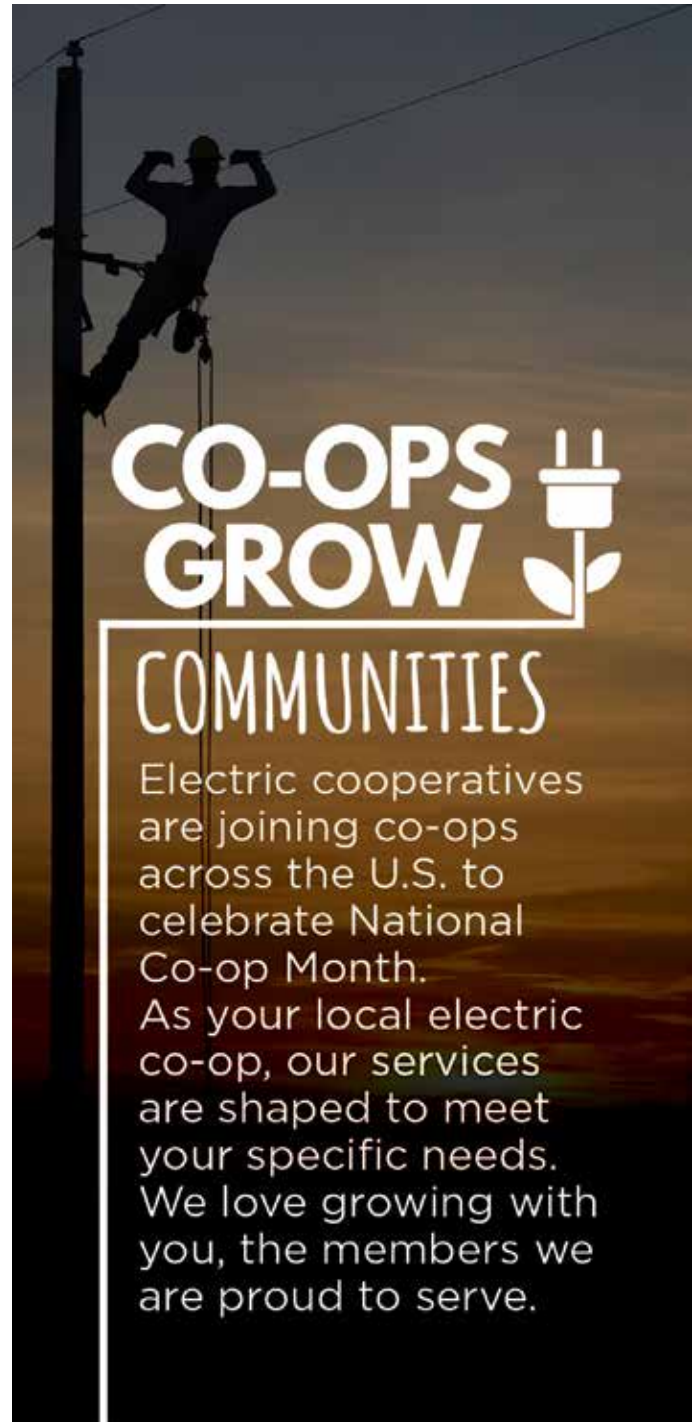
Co-ops are all about cooperation, not competition. That's why electric co-ops work together to share lessons learned, successful strategies and better ways to serve our members. We're better when we grow together!

Co-ops Grow Tomorrow's Leaders:

Here at Taylor Electric we believe in educating area youth by offering safety demonstrations such as the one held at Huey's Hideaway Children's Museum this past summer. Electric co-ops serve as fertile ground for growing tomorrow's leaders through programs like the Youth Leadership Congress in which we sponsor area youth to UW-Stout in Menomonie to live on campus and learn about cooperatives. We've committed to providing opportunities for local youth to learn and thrive in our community and beyond by offering scholarships each year to area high school graduates.

Co-ops Grow for You:

At Taylor Electric, your satisfaction is our number-one goal. It's why we were formed many years ago to fulfill a uniquely local purpose. We've come a long way since then, and your needs continue to evolve. That's why we'll never stop growing for you!





CAN YOU HELP US FIND THESE PEOPLE?

These members and former members have capital credit refunds due them, but we are unable to locate these people. If you know the current contact information of anyone on this list, or their rightful heirs, please contact us at 715-678-2411 or 800-862-2407. Thank you for your assistance.

AABEL, JUDITH
 ACOR DECEASED, HELEN
 ADAMS, DALE
 ADUMAT, JOHN P
 ALBERT DECEASED, ED
 ALLISON, RD
 ANDERSON, MICHAEL J
 ANDREASEN, TONI
 ANGELICH DECEASED, LORNA
 AT&T SERVICES INC
 BARBER, AUDY
 BARKER, LLOYD
 BEART, THOMAS
 BEHLING DECEASED, GERALD R
 BEHRENS, RICHARD A
 BELLAMY DECEASED, CAROLE
 BENSON, JOHN
 BERGER DECEASED, EUNICE
 BERGER DECEASED, ROBERT
 BERGESON, PAUL R
 BERNITT DECEASED, WILLIAM JR
 BIEBL, RANDY
 BLAIR DECEASED, ANTHONY W
 BLOSS, JUNE
 BLOYER, CLYDE
 BOBBE DECEASED, HOWARD H
 BOCKIN, ELAINE
 BOURGERIE, JEFF
 BRANDL, DENISE J
 BUNKELMAN, RANDY
 BUSCH, RICK
 CAHAK, BRIAN
 CAMPBELL, STEVE
 CARR (NOLAN), NANCY
 CARR, SHAWN
 CARROLL DECEASED, EDNA
 CHAPPELL, DEAN W
 CHRISTIANSON DC'D, RODNEY
 CLARKSON DECEASED, ERVIN
 CLEVELAND, WESLEY
 CONNELLY, DAVID R
 COTA DECEASED, RUTH
 CUSHING, DAVID E
 DANKE, TIM
 DASSOW, BOBBI J
 DEPARTMENT OF THE AIR FORCE
 DESCHLER, LAURA
 DEVRIES, DAVID
 DURR, DANIEL A
 DYGART, DOLORES I
 DYGART DECEASED, FLORENCE
 EDELBURG DECEASED, CLIFFORD
 EDMINSTER, PEGGY J
 ELBE, GEORGE G
 EMENS, DAVID
 ENGSTROM DECEASED, PRISCILLA
 ERICKSON, PEGGY

ERICKSON, ROBERT J
 ERICKSON DECEASED, MARJORIE
 FABER DECEASED, NORBERT
 FANSON, GARY
 FISHER, THERESA
 FISK, DOUG
 FOLKMAN, BRADLEY
 FOX, DANIEL
 FRELICHOWSKI, LARRY
 FRENZEL DECEASED, LESTER E
 FURSETH, ANDREW
 GEHRKE, MARY
 GEIGER, TRAMPUS
 GENGLER, DEBRA L
 GILLETT, DANIEL C
 GLENZER, DAVID
 GRAUMAN, MICHAEL
 GRAYBILL, RAYMOND
 GREGG, JERRY
 GTE TELEPHONE OPERATIONS
 GUGLIUZZA, RICHARD
 GUSTUM, KIRK M
 HAMELUND, PATRICIA
 HAMMEL HUNT & HOLDING LLC
 HANSON, NANCY
 HEATON, J. SCOTT
 HEIER, NEAL
 HERBIG, JOSEPH
 HERMAN DECEASED, ANDREW
 HILDEBRANDT, CHARLES M
 HOFF, DEBBIE A
 HOFFMAN DECEASED, HELENA
 HORKHEIMER, RONALD W
 HOVELAND
 DECEASED, DOROTHY A
 JACKSON, GREG
 JOHNSON DECEASED, LEONARD W
 KENNY, TOM
 KIRCHNER, JOSEPH
 KLEUTSCH DECEASED, LYDIA
 KNORN, DANIEL
 KONECNY, DANIEL
 KOSHAK, JENNIE L
 KOSTECKI, JAMES L
 KRAUS, ADOLPH
 KRAWCZYK, FRANCIS
 KRIEGER, JEANNETTE
 KRUEGER DECEASED, ROBERT W
 LANGE DECEASED, LOUISE
 LARSON DECEASED, HILDA
 LARSON DECEASED, KAY M
 LEKIE, STEVE
 LEKIE, TERRY
 LEKIE DECEASED, MARTHA B
 LEMKE, LOUISE A
 LEVENHAGEN, PAT
 LISSNER DECEASED, HELEN

LITERSKI, PETER
 LORD, BRENDA
 LOUCKS DECEASED, RACHEL
 LUDWIG, SHANE
 LUKASZEWICZ DEC'D, ANNA
 LYNCH, MICHAEL
 MABIE DECEASED, JACQUELINE
 MACKIE, HELEN
 MAHL, KATIE
 MALCHOW, ADAM
 MALDONIS, RYAN C
 MARCOTT, LANDON C
 MARX, JOSEPH P
 MDS ACRES PARTNERSHIP
 MEETER DECEASED, URQUHART
 MERTENS, BECKY
 METZNER DECEASED, LINDA
 MILES, TANA
 MILLER DECEASED, ESTHER
 MIMS, WILLIAM
 MOEN, JAMES
 MOFFETT, STEPHANIE
 MOLITOR, JAMES E
 MOTTE, MICHELE L
 MUELLER, WAYNE E
 NEUBAUER, JAMES E
 NEUBAUER, JESSICA
 NEUMUELLER, KEVIN & MARY
 NIMMER, BOBBI G
 NOLAND, GARY
 NOWAK DECEASED, JOSEPHINE A
 NYSTRUM DECEASED, ALMA
 OLSEN, ELEANOR
 OLSON, ROSE
 OLSON DECEASED, JACK O
 ORTH, PETER J
 PATTERSON, DENNIS JR
 PAULSON, SARA
 PAUTZ DECEASED, ARLYN
 PEARCE, JAMES
 PECHE DECEASED, RAY
 PEEL DECEASED, DELLA A
 PERNSTEINER DEC'D, MARY L
 PETERSEN, CAROL
 PETERSON, PAUL
 PETERSON, TALEE
 PHELPS, MARION
 PORTER, BRUCE W
 POTOCNIK DECEASED, ETHEL
 RAASCH, DEAN
 RADKE, JOHN
 RASMUSSEN, CATHERINE
 RASNER, RICHARD A
 RECORE DECEASED, ELLEN
 REHBEIN, LOREN G
 REICHERT, RICH
 REILLY, ANN C

REINHART, SHANE
 RIB RIVER LIVESTOCK LLC
 RICE, SANDRA
 RICKER, HARVEY
 ROBERTSEN, EARL
 ROHLAND DECEASED, MIKE
 SALZGEBER DECS'D, ESTHER
 SAUTER, CARLA
 SCHMITZ DECEASED, BARBARA E
 SCHMUDLACH DECS'D, ALVIN
 SCHREINER, HELIA
 SCHUHMACHER, BILL
 SCHWARZ, DENISE
 SCHWARZ DECEASED, GILBERT
 SCHWENKE DECEASED, ARDRES
 SHERBURN GONSENG
 SHOWALTER, JONATHAN D
 SHREWSBERRY, MIKE
 SIME, TIMOTHY
 SIMMONS, ROGER
 SKERHUTT, STEVE
 SMITH, JEFFERY A
 SMITH, RANDALL W
 SNIDER, GARY
 SOSSONG, JAMES
 SPREEN, BRYAN W
 STAHNKE, NANCY S
 STERLING, AMY
 STOLLFUS, GEORGE
 STREBIG, JAMES L
 STURZ DECEASED, LESLIE
 SUKOW, DERRICK L
 TALLMAN SR DEC'D, RAY
 THIEME DECEASED, THERESA
 THOMAS, FRANK
 THOMAS DECEASED, TERRY
 THORSON, BRYAN
 TOMASZEWSKI DEC'D, JOHN
 TRAPP, JOSEPH A
 TROIBER, BRADLEY M
 TRUCKEY, LON M
 VENTRELLI, KATHI L
 VOGT, JEANETTE M
 WALD, DOROTHY
 WALD, KAREN
 WALDHART, RANDALL & KAY
 WALLACE, TERENCE M
 WALTERS, SCOTT
 WAVRUNEK, MIKE
 WELSH, MIKE
 WHITE, JOSEPH
 WHITE, KATHY
 WILD DECEASED, JOHN
 WILLIAM J BRYAN REVOCABLE
 TRUST
 YOUNG, LINDA
 ZULEGER, BRUCE & BRENDA

Different Day

Continued from page 15

7 a.m. and 3 p.m. charts.

Nuclear generation (the orange slice) is actually one of the most stable resources that we have available. I've been watching this graph periodically for the last three years and nuclear is always at the 10-11,000 MW level. Once started, it just keeps running, which is promising for future carbon-free energy sources.

Lastly, the blue and gray slices of the pie represent coal and natural gas. Coal is slower to throttle up and down but is very stable once it gets up to speed. Natural gas is the new shining star in the generation mix since it has lower emissions and can change output quickly to adjust for the sudden shifts from wind and solar, as well as variations in load.

The high peak of August 24 was enough for the grid operator (MISO) to have concerns about the system and limit maintenance activities that would threaten the reliability of the system. Across the region, many load control programs similar to our Peak Alert Days were activated. This is a valuable resource during peak load times. Fortunately, the system only gets pushed to these levels a few days out of the year, with many days well below the limits. The system held up well through this heat wave, and credit for that goes to the people across the region who kept all of the equipment running reliably.

As we look to the future, all sources of generation have their place and we cannot expect to replace consistent reliable baseload like coal, nuclear, and natural gas with intermittent resources during periods like these. Please support "all of the above" resources as we transition the grid.



This spooky season, we're sharing a few energy-saving tricks so you can treat yourself to lower energy bills. Here are four simple ways to summon the spirit of energy efficiency.

Conjure instant savings with a smart thermostat. One of the easiest ways to save energy is through thermostat control, since home heating and cooling account for a large portion of monthly energy use. Smart thermostats can help you manage heating and cooling costs by learning your daily routine and adjusting the temperature settings accordingly. You can control a smart thermostat from anywhere (through your smart phone), which allows you to prevent unnecessary energy consumption while you're away. Sorcery!

Get rid of goosebumps by eliminating ghostly drafts. The winter chill is just around the corner, so now is the time to seal air leaks around your home. Apply caulk and weatherstripping around drafty windows and doors to make your home more comfortable and lower energy use.

Illuminate your lair with energy efficient lighting. LED bulbs use 75% less energy and last 25 times longer than incandescent light bulbs. Make the switch to reduce energy used for lighting. Remember to use LEDs when it's time to decorate for the upcoming holiday season. LED light strings offer an average of 88% energy savings compared to traditional incandescent light strings.

Stir up savings with countertop cauldrons. Cooler weather summons our favorite soup recipes. Small countertop appliances like slow cookers use less energy than cooking meals on the stovetop. Grab your book of spells (or recipes) and start stirring up savings in the kitchen.

When we look around our homes, there are many opportunities to save energy. So this spooky season, investigate your space and unlock a different kind of magic—the kind that brings real energy savings.

Kenneth Ceaglske, President/CEO

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