

● SEPTEMBER 2023

iowa

ELECTRIC COOPERATIVE LIVING

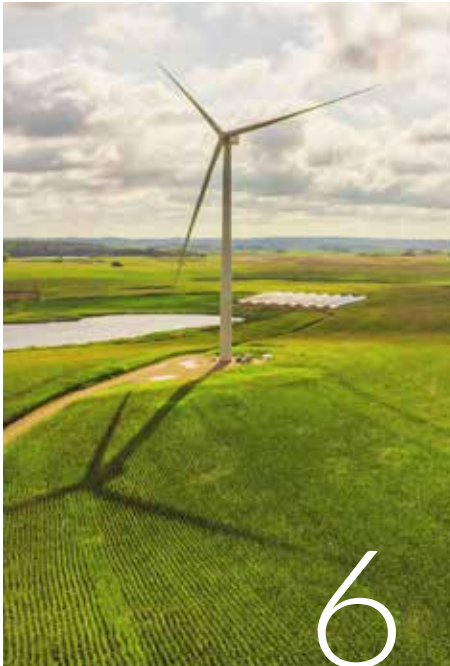
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Shine the Light
winners**

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ON THE COVER

Special thanks to Gratia Masters, a North West REC member-consumer, for supplying this month's cover image. Submit high-resolution photos for consideration to editor@ieclmagazine.com. You could receive \$100!

EMERGENCY PREPARATION BEGINS WITH PERSONAL PLANNING

BY SCOTT MEINEKE



There's a common saying in disaster planning, *"It's not a matter of if a disaster will take place; it's a matter of when it will happen."*

Since 2004, National Preparedness Month has been observed each September in the U.S. to educate and empower Americans to prepare for and respond to all types of emergencies, including natural disasters and potential terrorist attacks.

This year's preparedness campaign focuses on preparing older adults for disaster. Older adults can face greater risks in extreme weather events and emergencies, especially when living alone, are low-income, have a disability or live in rural areas.

One of the most important steps in preparation is to have emergency supplies on hand. The following are tips to help you or loved ones create an emergency kit.

Step 1: Consider how an emergency might affect your needs and plan accordingly. It is crucial to consider what kinds of resources you use daily and what you might do if those resources are limited or unavailable.

Consider creating two kits. In one kit, put everything you need to stay where you are and make it on your own for several days. The other kit should be a lightweight, smaller version you can take with you if you need to leave your home.

Basic emergency supplies include water, food, pet food, a flashlight, a radio, batteries, a first aid kit and personal sanitation items (moist towelettes, garbage bags and plastic ties).

Step 2: Have medications and medical supplies readily available. If you take medicine, have what you

need to make it on your own for at least a week. You might not have access to a medical facility or drugstore during an emergency. Keep a copy of your prescriptions as well as dosage or treatment information.

If you undergo routine treatments administered by a clinic or hospital or if you receive regular services, such as home health care, treatment or transportation, talk to your service provider about their emergency plans.

Step 3: Keep extra essentials in your home. If you use eyeglasses, hearing aids and hearing aid batteries, wheelchair batteries and oxygen, always have extras in your home. Also have copies of your medical insurance, Medicare or Medicaid cards readily available.

Step 4: Include copies of essential documents in your emergency supply kits. Include family records (and contact information), wills, power of attorney documents, deeds, social security numbers, credit card and

bank information, insurance cards and tax records. It is best to keep these documents in a waterproof container.

Emergencies, especially natural disasters, can often impact electricity services. Keep your local electric cooperative's phone number handy and always avoid downed power lines. If you plan to operate a generator during a lengthy power outage, take steps now to ensure you follow all necessary precautions to use it safely. Your local electric co-op is an excellent resource for safety information.

Be prepared to adapt this information to your circumstances and make every effort to follow instructions from authorities on the scene. Above all, stay calm, be patient, and think before you act. With these simple preparations, you can be ready for the unexpected.

For more information, visit www.ready.gov.

Scott Meineke is the director of safety and loss control for the Iowa Association of Electric Cooperatives.

EDITOR'S CHOICE CONTEST

Win a WiFi Smart Weather Station!

Ambient Weather's personal weather station allows monitoring of your home and backyard weather conditions with the brilliant, easy-to-read LCD color display. Monitor indoor and outdoor conditions, including wind speed, wind direction, rainfall, UV, barometric pressure, indoor/outdoor temperature, indoor/outdoor humidity and more. The weather station also calculates dew point, wind chill and heat index.

Visit our website and win!

Enter this month's contest by visiting www.ieclmagazine.com no later than Sept. 30. You must be a member of one of Iowa's electric cooperatives to win. There's no obligation associated with entering, we don't share entrant information with anyone and multiple entries from the same account will be disqualified. The winner of the beef bundle from the July issue was Gerald Kinney, Grundy County Rural Electric Cooperative.



ENTER ONLINE BY SEPT. 30

SERVICE ANNIVERSARIES



Jeff Brophy

Manager of
Finance and
Administration

Sept. 1

3 years



Scott Kuiper

Warehouseman

Sept. 29

9 years

Congratulations to Jeff and Scott!
We appreciate all your hard work
and dedication to the cooperative.



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"Our mission is to provide our members safe, reliable, electric service"



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FACTORS THAT IMPACT ELECTRICITY PRICES

BY MICHAEL GEERDES



Just as inflation has impacted everything from the price of gasoline to the price of eggs, costs for the fuels required to produce electricity have also risen. This is a timely topic, so I want to help explain some of the factors that impact electricity prices (and energy bills) in this month's issue of *Iowa Electric Cooperative Living*.

While there is no short answer, a few key elements impact electricity prices and rates. Some of these factors Grundy County REC can manage, some you can impact and others are beyond our control. So, let me break it down.

Your monthly electric bill has three primary parts: a monthly service charge, an energy charge/kWh charge and a Power Cost Adjustment (PCA). To understand your total energy costs and what impacts your bill, let's unpack one piece at a time.

Monthly service charge

The first is a fixed monthly service charge, which covers the costs associated with providing electricity to your home. This includes equipment, materials, labor and operating costs necessary to serve each meter in Grundy County REC's service territory, regardless of the amount of energy used. To ensure the reliable service you expect and deserve, we must maintain the local system, including power lines, substations and other necessary equipment.

Like many other businesses, we've experienced supply chain issues and steep cost increases for some of our basic equipment. For example, the cost of a pad-mounted transformer for underground electric service went from \$1,500 to \$5,000. The electric poles that previously cost \$200 are now \$500; to put that into perspective, we replaced or installed approximately 300 poles last year at a \$300 per pole increase to cost! Because we are a not-for-profit cooperative, some of these expenses must be passed on to our members.

I should note that the monthly service charge is the same for everyone, and the costs are shared equally across the membership.

Charge for energy use

Another component of your monthly bill is the energy charge or kWh charge, which covers how much energy you consume. You've likely noticed the amount of energy you use can vary from month to month and is typically impacted by extreme temperatures. When temperatures soar or dip, your cooling and heating equipment run longer, which increases your home energy use.

Regardless, energy consumption is an area that you have some control over, and you can lower your monthly bill by actively reducing energy use. Your thermostat is a great place to start, so be sure to keep it close to 78 degrees F during summer and 68 degrees F during winter. If you'd like to learn more about ways to save on your electric bill, contact Grundy County REC Member Service Advisor Brady Codner at 319-824-5251 to schedule a complimentary member energy audit.

Changing power costs

The last component of your bill is the PCA, which is the same amount for all co-op members. The PCA is impacted by fuel prices, which affect the cost of power that Grundy County REC purchases from our wholesale provider. The PCA covers cost fluctuations, both increases and decreases, without having to continually restructure electricity rates.

I hope this information sheds light on some factors that impact electricity prices. While we can't control the weather or the rising costs of fuels, please know Grundy County REC is doing everything possible to keep internal costs down, including applying for numerous grant programs that would aid in making important upgrades to the system at little-to-no cost to the membership.

We're here to help you, too. Contact us if you have questions about your energy bill or for advice on saving energy at home.

Michael Geerdes is the general manager of Grundy County REC.

SCHMIDT RETIRES FROM BOARD OF DIRECTORS

To the Grundy County REC members living in District 7, you may know David Schmidt as your co-op director. Or maybe you know him from church or his time spent serving with his local Kiwanis. No matter how you may know Schmidt, it is truly an honor to know him. For the cooperative staff, Schmidt is known as the first one in the door on a board meeting day, always with a smile and sometimes even wearing a Santa hat and delivering homemade Christmas cookies and ice cream.

Schmidt has spent the past six years serving members of Grundy County REC on the board of directors in various roles. He has used his unique background and experiences to make the best possible decisions for the cooperative and its members. It is bittersweet to share that Schmidt's last day serving Grundy County REC members as a director is Sept. 7.

The entire board of directors and staff at Grundy County REC wish Schmidt the best in all his future endeavors. We thank him for all his time, hard work and loyalty he dedicated to the cooperative and its members during his time on the board.



4 KEY FACTORS THAT IMPACT ENERGY BILLS

You pay for the electricity you consume each month, but there are additional factors that impact your energy bills.

1.



Fuel Costs

Before electricity can be delivered to your home, it must first be generated at a power plant or from a renewable source. The cost of fuels used to generate electricity fluctuates, which is why you see a power or fuel charge on your monthly bill. This monthly charge covers cost fluctuations without having to continually restructure electricity rates.

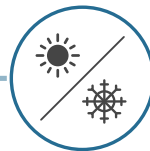
2.



Service Costs

Your bill includes a monthly service charge, which recovers part of the co-op's ongoing investments in poles, wire, meters, system maintenance and additional costs necessary to provide electric service.

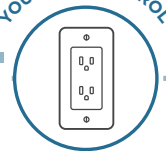
3.



Weather

When temperatures soar or dip, your cooling or heating equipment must run longer and at maximum capacity, which can greatly increase your energy use. Extreme temperatures can also affect electricity market prices. When the need for electricity increases due to extreme heat or cold, the price of power typically rises.

4.



Energy Consumption

This is the amount of electricity you use each month to power your home's cooling/heating system, appliances, lighting, electronics and more. The amount of electricity you consume is measured in kilowatt-hours, or kWh. You have control over how much energy you use, which can ultimately help manage your monthly costs.

In the U.S., wind currently generates twice the amount of electricity it did five years ago and provides 10% of the nation's electricity.

WIND ENERGY IS SOARING

BY PAUL WESSLUND

Wind energy is big and getting bigger, in more ways than one.

In the U.S., wind currently generates twice the amount of electricity it did five years ago and provides 10% of the nation's electricity – a share expected to grow to more than 25% by 2050.

The basics behind wind power technology is a tall pole with rotor

blades at the top. You've likely seen vast fields of those turbines, with white rotor blades spinning lazily around across the Iowa countryside. But they're not lazy at all, and that's another way wind energy is big – in physical size.

Bigger turbines make more electricity

Wind turbine blades seem to circle slowly due to an optical illusion resulting from their size. The tips of those rotors are likely to be moving at more than 150 miles per hour.

There's a reason for that size. Wind turbines are getting bigger and taller to capture more wind high in the air. The average wind turbine height has increased from about 190 feet in 2000 to nearly 300 feet today, which is as tall as the Statue of Liberty. During that time, the size of the rotor blades doubled, making a circle more than 400 feet in diameter. That size growth has tripled the amount of electricity a wind turbine can produce, lowering the cost of wind power.

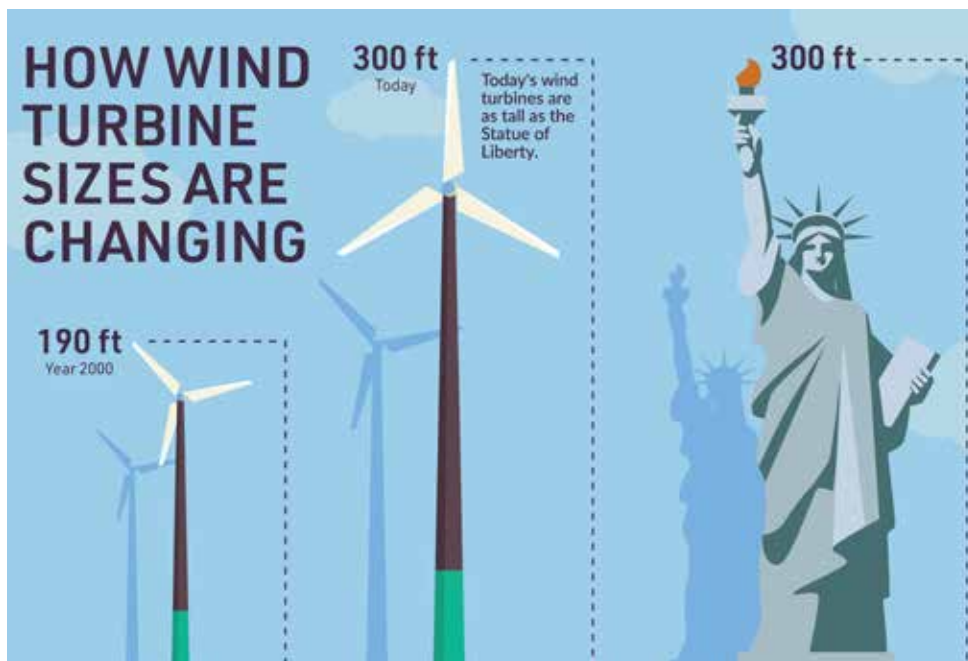
Location of turbines is changing

One wind turbine can generate enough electricity to power about 900 homes, and they're being installed at a rate of about 3,000 a year. Today, there are more than 72,000 turbines in the U.S., primarily located in the middle of the country. But that's about to change.

Federal and state governments are encouraging developers to build wind turbines out in the ocean, where winds are more constant, and the rotors could be even larger. Sixteen projects have been proposed and one estimate shows there's enough potential for offshore wind to supply nearly all our electricity. Offshore wind turbines are generally even larger than those used on land.

Navigating real-world challenges

Bigger sizes can cause problems, though, like transporting rotor blades that average more than 100 feet long. Delivering those monsters can



cost more than \$30,000 in finding the right truck for the oversized load, planning the route, obtaining permits, checking clearances and recruiting escort vehicles. Researchers are already working on those problems. One solution is flexible blades that could be carried on three train cars. The blades could bend to allow the train to maneuver around curves.

As the wind industry has evolved, attention has been focused on bird deaths. As many as a million birds a year fly into spinning rotors. This poses a dilemma for wildlife and nature groups, who are generally supportive of renewable energy. The National Audubon Society, for example, supports wind power as a way to reduce greenhouse gas emissions but urges careful planning to locate wind farms in ways that minimize risk to wildlife.

Local, distributed energy resources

Besides large onshore and offshore wind farms, wind turbines can be used as a distributed energy resource. With support from the U.S. Department of Energy, there have been significant innovations in smaller-scale wind turbines to integrate some of the improvements seen in larger models, including longer blades to capture more wind and advanced composite materials. Smaller turbines can even be used to help power homes, farms, schools and businesses.

Across the U.S., several electric cooperatives and other rural utilities, including those in Iowa, have deployed one or more large-scale wind turbines in their local service territories as a local utility-scale resource to supplement their wholesale power supply. These kinds of local resources can help boost resiliency, hedge or reduce power supply costs, and support local economic development.

Wind energy and the technologies that power it will continue to evolve. For wind power, there will be opportunities for growth at both smaller and larger scales, as well as on land and offshore.

Paul Wesslund writes on consumer and cooperative affairs for the National Rural Electric Cooperative Association, the national trade association representing more than 900 local electric cooperatives. From growing suburbs to remote farming communities, electric co-ops serve as engines of economic development for 42 million Americans across 56% of the nation's landscape.

There are currently more than 72,000 wind turbines in the U.S., primarily located in the central part of the country.
Photo Source: American Public Power Association



Federal and state governments are encouraging developers to build wind turbines out in the ocean, where winds are more constant and rotors could be even larger.
Photo Source: Nicholas Doherty



One challenge for wind is transporting rotor blades, which can average more than 100 feet long.
Photo Source: Artur Zudin



SCHOOL NIGHT

RECIPES



SIMPLE CHICKEN OR SHRIMP ALFREDO

- 8 ounces cream cheese**
- ½ cup butter**
- 1 cup milk**
- ½ cup Parmesan cheese**
- 1 teaspoon garlic salt**
- ½ teaspoon garlic powder**
- ½ teaspoon pepper**
- ½ pound shrimp, detailed and cooked (or 2 chicken breasts, cooked and diced)**
- noodles, cooked**

Mix all ingredients, except meat, in a saucepan over medium heat until cooked through. Add meat and serve over noodles. Serves 2-4

Marcy Gherian • Alvord
Lyon Rural Electric Cooperative

BAKED TUNA SANDWICHES

- 3 eggs, hard-boiled and diced**
- 7 ounces canned tuna, drained**
- 2 tablespoons sweet pickles, diced**
- 1 tablespoon onion, diced**
- ½ cup mayonnaise**
- 1 cup cheese, cubed to taste**
- buns**

Mix ingredients, put on buns and wrap in aluminum foil. Bake at 225 degrees F for 25 minutes.

Denise Anderson • Ocheyedan
Osceola Electric Cooperative, Inc.

CHICKEN STIR-FRY

- 1 pound boneless, skinless chicken breast**
- ¾ cup mayonnaise**
- 16 ounces frozen stir-fry vegetables**
- 2 tablespoons soy sauce**
- ¼ teaspoon garlic powder**
- rice**

Dice chicken, then cook in mayonnaise in a large skillet over medium heat for 3 minutes. Add remaining ingredients and continue cooking until chicken is done and veggies are tender. Serve over rice. Serves 6

Laura DeSmet • Larchwood
Lyon Rural Electric Cooperative

BURGER BOWL

- 1 pound ground beef**
- ½ teaspoon seasoned salt**
- ¼ teaspoon black pepper**
- 1 head lettuce, chopped**
- 1 cup cheese, shredded**
- 2 dill pickles, sliced**
- ¼ cup onion, chopped**
- salad dressing**

Brown ground beef and crumble until cooked. Add seasoned salt and pepper. Meanwhile, divide lettuce into four serving bowls. Top lettuce with ground beef, cheese, pickles and onion. Top with ranch, Thousand Island or your favorite dressing.

Mary Gropper • Chelsea
T.I.P. Rural Electric Cooperative

COMPANY GRAVY

- 2 pounds lean stew beef
- 1 can cream of mushroom soup
- 1 can cream of onion soup
- 1 can cream of celery soup
- ½ cup water
- optional: rice, mashed potatoes or noodles

Place all ingredients in a slow cooker on low for 5-6 hours. Can also be baked covered in oven at 275 degrees F for 3½-4 hours. Stir before serving. Best served over rice, mashed potatoes or noodles. *Serves 8*

**Susie Jacobs • Allison
Butler County Rural Electric Cooperative**

BISCUIT CASSEROLE

- 1 pound ground beef
- 1 onion, chopped
- 1 roll refrigerator biscuits
- 1 jar spaghetti sauce
- ½ cup brown sugar
- mozzarella cheese

Brown ground beef and onion. Cut each biscuit into four pieces and layer on bottom of 9x13-inch pan. Mix spaghetti sauce and brown sugar with meat mixture. Pour over biscuits and bake at 400 degrees F for 20 minutes. Add mozzarella cheese and bake another 5-10 minutes. Gluten free option: Use one recipe box or homemade gluten free biscuits in place of refrigerator biscuits. *Serves 8*

**Deanna Foreman • Rock Valley
North West Rural Electric Cooperative**

SWEET & SPICY CHICKEN WRAPS

- 2 tablespoons sour cream
- ¼ cup plus 1 tablespoon mayonnaise
- 1 teaspoon sugar
- ¼ teaspoon seasoned salt
- ⅛ teaspoon black pepper
- 2 cups coleslaw mix
- 1 small scallion, sliced
- 1 tablespoon Sriracha sauce
- 4 frozen breaded chicken tenders
- 4 8-inch flour tortillas

Combine sour cream, 1 tablespoon mayonnaise, sugar, seasoned salt and pepper. Stir in coleslaw mix and scallion (can substitute shredded cabbage and carrots for pre-made coleslaw mix). Create a sauce by combining ¼ cup mayonnaise and Sriracha sauce. Prepare chicken tenders according to package directions. Divide sauce and coleslaw mixture among tortillas and top with chicken tenders. Roll tortilla into a wrap. *Serves 4*

**Chris Daniels • Casey
Guthrie County Rural Electric Cooperative Association**

TACO CASSEROLE

- 1 pound ground pork
- 1 package taco seasoning (4 tablespoons)
- 8 ounces sour cream
- 1 roll refrigerator pizza crust
- 4 ounces corn chips, crushed
- 1½ cups Mexican cheese, shredded
- optional toppings: salsa, torn lettuce, diced green pepper, diced tomato

Brown pork, chop into small pieces as it cooks and then drain. Stir in taco seasoning and sour cream until well blended. Spray 9x13-inch cake pan with cooking spray. Press pizza crust into pan and slightly up sides. Bake crust at 400 degrees F for 4-5 minutes. Sprinkle crust with half the crushed corn chips.

Spread meat mixture over corn chips. Sprinkle with cheese and top with remaining corn chips. Bake an additional 18-22 minutes or until cheese starts to brown and crust is baked.

Cut into squares and add salsa, torn lettuce, diced green pepper and diced tomatoes as desired. Can substitute 1 cup shredded cheddar cheese and ½ cup shredded mozzarella cheese for Mexican cheese. *Serves 8*

**Barb Sexton • Rockwell City
Calhoun County Electric Cooperative Association**

WANTED:

NEW YEAR'S RESOLUTION RECIPES

**THE REWARD:
\$25 FOR EVERY ONE WE PUBLISH!**

Deadline is Sept. 30

Please include your name, address, telephone number, co-op name and the recipe category on all submissions. Also provide the number of servings per recipe.



EMAIL: recipes@ieclmagazine.com
(Attach your recipe as a Word document or PDF to your email message.)

MAIL: Recipes
Iowa Electric Cooperative Living • 8525 Douglas Ave., Suite 48,
Des Moines, IA 50322-2992

ANNOUNCING THE 2023 SHINE THE LIGHT AWARD WINNERS



Driven by their commitment to community, the Touchstone Energy® Cooperatives of Iowa held their third-annual Shine the Light contest in June to celebrate local volunteers. Employees and member-consumers of Iowa's locally owned electric cooperatives were invited to nominate someone who makes a positive difference in their community.

The judging committee reviewed essays from 126 outstanding nominations and selected three winners.

Congratulations to Erica Lindaman, who is recognized for her generous efforts through Gift of Giving; Betty Thronson, who is recognized for restoring hope for families through Project Flo; and Heather Weers, who is recognized for her compassion for children through Sleep in Heavenly Peace. These three winners have been awarded a \$2,500 donation to their charity.

The following pages showcase and honor each of the Shine the Light contest winners' commitment to humbly serving their communities. Learn more at www.iowaShineTheLight.com.

GIFT OF GIVING

ERICA LINDAMAN'S PASSION FOR GIVING DOESN'T GO UNNOTICED

BY RYAN CORNELIUS

During the COVID-19 pandemic, Erica Lindaman saw a need and acted. The Clarion teacher started Gift of Giving 501c3 nonprofit organization to help collect Christmas gifts for children.

"We saw a need based on people not working as much," Lindaman explains. "Hours were cut because people had to stay home."

A mission grows

Gift of Giving could have stayed with just meeting Christmastime needs, but that wasn't in Lindaman's plans.

Since that first Christmas, the program has grown exponentially. The organization now assists with everything from food insecurity to bedding and furniture.

"It has grown into this massive entity," she says. "We are trying to get people in Wright County to keep their clothing and pieces here rather than take them to a different county to donate."

Emily Bernhardt, one of Lindaman's many nominators, has known her for 13 years. "I think Erica has seen a



Erica Lindaman is presented with a check for her Gift of Giving charity.

Gift of Giving continued:

need in the community through her background being a teacher and working with students on a daily basis," Bernhardt says. "She just stepped in to fulfill that need. I know she spends a lot of her personal time and effort working with Gift of Giving. Her whole family has become involved and quite dedicated."

For Lindaman, it has almost become a full-time job – and one that she loves.

"I literally get between 20 and 30 texts, emails and Facebook messages saying, 'I need this,' or 'How can you help me with this,'" she says. "We have extended where we are helping to pay for electric bills and water bills. We have provided gas cards for people who are having health problems. We are just here to give."

A heart for giving

That tenacity shines through for all to see, even when she may not want the credit.

"Erica has a huge heart," Bernhardt says. "She may be quiet sometimes and likes to be in the background. But she has a huge heart and huge passion for the youth and families in the community."

Today, Lindaman and Gift of Giving accept any items in Wright County. Those are stored in a temporary warehouse, where you can meet with Lindaman by appointment or visit one of the organization's "pop-up" events.

"If you have a need, and you come to me, or you come to my mother or my father, or anyone who is involved in the organization, we're going to find you a resource or the right person to help you," she says.

Learn more about Gift of Giving at www.facebook.com/groups/134251198297192.

Article contributed by Ryan Cornelius, vice president of corporate relations, Corn Belt Power Cooperative.



PROJECT FLO **BETTY THRONSDON CONTINUES HER** **MOTHER'S LEGACY OF STEWARDSHIP**

BY ERIN CAMPBELL

Betty Thronson is pictured in the front row, far right, along with her parents (mom Flo) and siblings.

The Project Flo Association works to build hope in the Chickasaw County area by restoring homes. And it all started with a mother's love for her community.

Betty Thronson of New Hampton was nominated for Shine the Light by her sister, Shirley Hoffman, a member-consumer of Butler County Rural Electric Cooperative in Ionia. In her essay, Hoffman shared that she and Thronson come from a family of 15 children, and they established Project Flo in 2011 after the passing of their mother, Florence "Flo" Thronson. Their mother was known in the New Hampton area for her positive spirit of volunteerism and her children have made it their mission to keep her spirit alive through community service.

Thronson has served as president of Project Flo for more than 11 years and is responsible for gathering family, friends and neighbors once a year in June to offer needed home repairs in the Chickasaw County region. These essential repairs help local families take control of their homes and help restore their faith in humanity. Often, the homes would be deemed unsafe and homeowners' insurance could be jeopardized if the repairs weren't made. Hoffman says, "The impact Betty has made on the residents, neighborhoods and businesses in Chickasaw County is immeasurable. Her dedication and leadership have significantly improved the lives of many individuals in need."

A widespread impact

Project Flo coordinated 80 volunteers working on six projects in 2023,

including home repairs for a disabled veteran, a young family of five, a single mother of three, a low-income couple with a disability, and a retired man who is disabled. The volunteer group of carpenters, plumbers, electricians and masonry professionals use their vast skills to repair steps and sidewalks, install flooring, paint, perform landscaping, remove debris, repair bathrooms, and replace doors and windows.

Since Project Flo began, Thronson's organization has assisted more than 30 homes in addition to helping with repairs at St. Joseph's Catholic Church and St. Joseph Community School in New Hampton. Thronson takes charge of coordinating the grant and fundraising endeavors for Project Flo. She then conducts a thorough assessment of the tasks needed for each project and prioritizes them. During June each year, Thronson shifts into project mode and reaches out to local businesses to coordinate supplies and services.

Thronson also coordinates volunteer assistance to ensure each home project has the right crew ready to work. Hoffman says, "When Betty visits a work site, her infectious energy fills the air with jubilation, laughter and camaraderie. Volunteers of all ages are thrilled to see Betty, recognizing her as the glue that holds the family and project together."

The \$2,500 Shine the Light donation will be invested to purchase much-needed renovation equipment and supplies for Project Flo.

Learn more about Project Flo at www.thronson.com.

Article submitted by Erin Campbell, director of communications for Iowa Association of Electric Cooperatives.



Continued on Page 14

MEMBER APPRECIATION EVENT A SUCCESS

Wow! We had a great turnout at our first Member Appreciation Event last month. More than 330 members and their families came out to Hansen's Dairy for a night of good food, delicious ice cream and a fun trolley tour. Grundy County REC board and staff loved engaging with our membership.



WORKING TODAY TO POWER TOMORROW

GRUNDY COUNTY REC • 9.7.23
ANNUAL MEETING 2023

**OPEN HOUSE: 5-7 PM;
BUSINESS MEETING TO FOLLOW**

FOOD, PRIZES, BUCKET TRUCK RIDES AND MORE!

Grundy County REC
A Sustainable Energy Cooperative

Members must register for prizes in person at the Annual Meeting on Sept. 7, but you do not have to be present at time of drawing to win.

OCTOBER IS CO-OP MONTH

Want to earn a \$50 bill credit?
Entering the Co-op Month Bill
Credit Promo is as easy as 1-2-3!

- 1 Be a current member of Grundy County REC
- 2 "Follow" us on Facebook
- 3 Comment on the Oct. 1 Facebook post, answering the question: "What is the best part of being a Grundy County REC member?"

Two lucky members will be randomly drawn on **Nov. 1** for the \$50 bill credit. Only qualified entries made between **Oct. 1-31** will be included in the random drawing.



WHY FOLLOW GRUNDY COUNTY REC ON FACEBOOK?

We use Facebook to communicate with our members regarding important announcements, energy efficiency tips and fun co-op events. This is also where outage information gets posted because it is the quickest way for the cooperative to reach our membership!

ENERGY-EFFICIENT WINDOWS

BY MIRANDA BOUTELLE

Upgrading or improving your windows is an important component of your home's energy efficiency. According to the U.S. Department of Energy, heat gain and loss through windows consume 25% to 30% of residential heating and cooling energy use.

Understanding efficiency factors

If you're evaluating your windows' energy efficiency, start by identifying what kind you have. Are they single pane or double pane? Looking closely at the window's edge, you can see the number of windowpanes. Are the frames metal, wood or vinyl? Some manufacturers etch the make and model numbers in the corner of the glass so that you can look up the manufacturer for more information.

Window efficiency

Several components can make windows more efficient. High-quality frame materials insulate and reduce heat transfer. Two or more panes of glass with space in between (filled with air or gas) improve the window's insulation capability. Warm edge spacers hold the panes of glass the proper distance apart and help insulate the edges of the panes. Low-emissivity coatings applied to the glass can reflect infrared light, keeping the heat in during the winter and out during the summer.

Window efficiency is rated in U-factor and Solar Heat Gain Coefficient (SHGC).

U-factor measures heat transfer through the window, which relates to how well it insulates. The lower the U-factor, the more efficient the window. The SHGC measures how effectively the window blocks heat from the sun.

Considerations for replacing windows

If you want to replace your existing windows, shopping for ENERGY STAR®-certified windows is recommended. ENERGY STAR sets specific U-factor and SHGC requirements based on geography so you get the best fit for your location. Replacement windows offer additional benefits, like improved operability and aesthetics.

Storm windows are a lower-cost solution for some homes. Traditional storm windows are made with clear glass. Low-emissivity storm windows have energy savings similar to replacement windows at about a third of the cost. Storm windows are mounted to the interior or exterior and are available in operable styles, so you can still open and close your windows. Look for ENERGY STAR-certified models.

If you want to maintain the historic architecture of your existing windows, low-emissivity storm windows are a great option. Some companies can refit your existing window frames with custom double-pane glass and weatherstripping.



Windows add to the aesthetic of our homes. Ensure they also add comfort year-round by maintaining or replacing old windows.
Photo Credit: Alpen High Performance Products

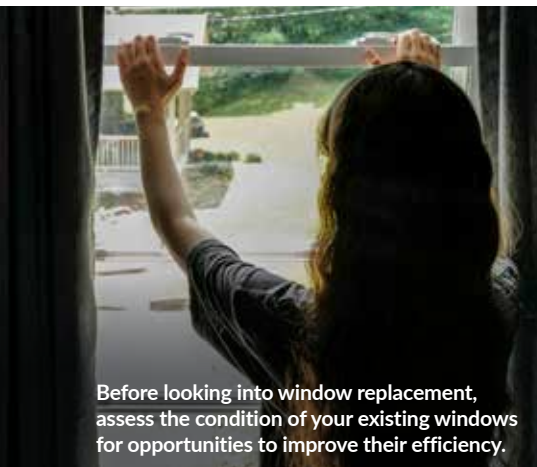
Maintenance options

If new windows or storm windows are outside the budget, your best bet is to maintain your existing windows. Keep the paint and caulking on the exterior in good condition. That will help prevent damage from the elements. Caulk around the inside trim, ensure sash locks are correctly installed and seal tightly when locked. There are a variety of weatherstripping options for windows to keep drafts at bay.

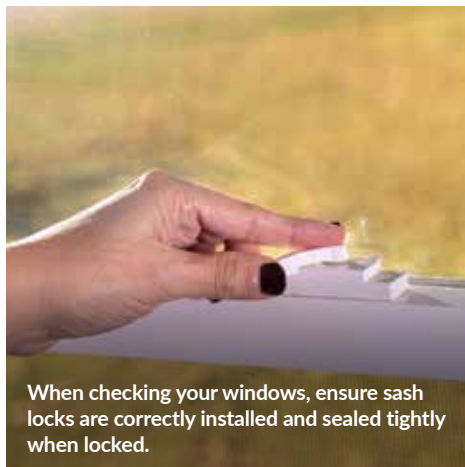
As with any home improvement project, be sure to get multiple quotes to compare pricing and scope of work. You may find additional savings with rebates from your electric cooperative or state or federal tax credits for window upgrades.

Whether you replace or make improvements to what you have, adding efficiency to your windows will add year-round comfort to your home.

Miranda Boutelle writes on energy efficiency topics for the National Rural Electric Cooperative Association, the national trade association representing more than 900 electric co-ops.



Before looking into window replacement, assess the condition of your existing windows for opportunities to improve their efficiency.



When checking your windows, ensure sash locks are correctly installed and sealed tightly when locked.



Maintain your existing windows by ensuring the sashes lock properly, adding caulk around the trim and replacing worn weatherstripping.

ANNOUNCING THE 2023 SHINE THE LIGHT AWARD WINNERS



SLEEP IN HEAVENLY PEACE HEATHER WEERS WORKS TO PROVIDE BEDS FOR CHILDREN IN NEED

BY CHRISTIE REMLEY

Heather Weers (right) is the president of the Jones County Chapter for Sleep in Heavenly Peace. She is pictured with MVEC employee and member Megan Ruley, who nominated Weers for the honor.

Continued from Page 11

Heather Weers of Center Junction has dedicated her professional and personal life to improving the lives of Jones County children and residents alike.

By day, she works for the Jones County Community Partnership for Protecting Children, which aims to improve the child welfare process. And on her own time, she is the president of the Jones County Chapter for Sleep in Heavenly Peace, a non-profit dedicated to providing beds for children who would otherwise not have them. While the national organization's mission is "No Kid Sleeps on the Floor in Our Town®," Weers likes to say, "No kid sleeps on the floor in Jones County."

Addressing a community need

When the Jones County Community Partnership for Protecting Children received a \$1,600 grant to buy beds for children, Weers was shocked to learn how great the need was in her community. While researching ways to help, Weers discovered the national organization Sleep in Heavenly Peace and pursued starting a local chapter. She established the Jones County

chapter in 2019 and has delivered more than 320 beds to local children since then.

Weers is humble and attributes the impact of Sleep in Heavenly Peace Jones County to the local volunteers who help build the beds and donate materials.

"It's not about me; it's about what the community comes together to do to give children a comfortable place to sleep," she says. Weers hopes to inspire others to make their own impact. "I want others to know that you can help people with the simplest gestures – sometimes it's just a thank you note or a letter that can profoundly impact another person's life," says Weers.

Dedication to community shines

Weers was nominated for Shine the Light by Megan Ruley, a member and employee at Maquoketa Valley Electric Cooperative (MVEC).

"When I learned about the Shine the Light contest, the first person who came to mind was Heather," Ruley says. "Her work with Sleep in Heavenly

Peace is heartwarming, and I admire her dedication to improving the lives of our Jones County residents. The work outlined here doesn't even begin to encompass all of Heather's impact in our community as she seems to be behind many initiatives to make Jones County a better place now and into the future."

"Maquoketa Valley is thrilled to recognize Heather's dedication to making Jones County a better place. Heather embodies the co-op principle, 'Concern for Community' by recognizing unmet needs and then rolling up her sleeves to meet those needs," says Jeremy Richert, MVEC CEO.

The \$2,500 award will help the Sleep in Heavenly Peace chapter purchase materials, tools, bedding and mattresses. With the vision of no Jones County child sleeping on the floor, Weers is seeing to that goal one bed at a time. For more information, visit shpbeds.org/chapter/ia-jones-co.

Article contributed by Christie Remley, manager of communications and public relations for Maquoketa Valley Electric Cooperative.

IT'S ALL GOOD ON RIVER TIME

BY DARCY DOUGHERTY MAULSBY

I kept thinking to myself, “How far back in here do I have to drive?”

In July, I was invited to share my “Adventures Along the Lincoln Highway” history program with the volunteers of Iowa Project AWARE (A Watershed Awareness River Expedition) – the state’s largest river cleanup event.

Fortunately, I found my contact easily once I reached the campground. “No worries,” my hosts said. “We’re on river time.”

Decades of cleanup work

It turns out this was the 20th Annual Iowa Project AWARE event, and an impressive 315 volunteers gathered for the big cleanup. They paddled canoes down 58 miles of the Iowa River from July 9-14, removing all kinds of junk along the way. We’re talking serious trash here, including tires, mannequin heads, appliances and farm equipment (some of it 100 years old). The crew hauled 21,360 pounds (10.7 tons) of junk from the Iowa River. An amazing 96% of this (20,520 pounds, including 161 tires) can be recycled.



The origins of Iowa Project AWARE were inspired by Chad Pregracke, “The River Rescuer,” who started a movement to help clean up the Mississippi River. Inspired by his work, three dozen volunteers spent a week during the summer of 2003 camping, canoeing and picking up trash from the Maquoketa River. That first-of-its-kind event became known as Iowa Project AWARE. It quickly became the state’s largest volunteer river cleanup.



Photo Credit: Project AWARE 2023

While it started as an Iowa Department of Natural Resources (DNR) event, Iowa Project AWARE now operates through a nonprofit organization known as N-Compass, Inc. Major partners include the Iowa DNR and the State Hygienic Laboratory at the University of Iowa. Hundreds of participants return each year for this unique event, including multigenerational family groups, youth groups, church groups and scouting groups.

One gentleman I met said his kids grew up participating in Iowa Project AWARE. Now they plan their vacations around this annual, can’t-miss event.

Diligent volunteers make a difference

Even though they’re on “river time,” these volunteers work hard. They’ve cleaned the Boone River, Maquoketa River, Cedar River, Lower Des Moines River, Wapsipinicon River, Big Sioux River, Iowa River, Little Turkey, Turkey and Volga Rivers, West and East Nishnabotna Rivers, Cedar River, Winnebago River, Shell Rock River, Middle and North Raccoon River, English River and Little Sioux River.

The Iowa Project AWARE team is just as diligent about tracking results as cleaning up Iowa’s rivers. In the past 20 years, 6,223 volunteers from across the country have been part of this effort. They’ve cleaned 1,429 river miles of nearly 1 million pounds (979,480 pounds, to be exact) of trash. A majority (81%) of this trash has been recycled. Wow!

I checked in with my friend Jodi Henke from Norwalk and her daughter Michaela, who started volunteering with Project AWARE in 2021 and helped clean up the Iowa River this summer.

“Hearing a loud ‘whoop!’ from around the river bend means someone found something cool – probably their first tire,” Jodi shares. “Also, some of the nicest people you’ll ever meet are wet, filthy dirty, stinky and so proud of the trash they collect. We totally believe in what we’re doing. Every piece of trash we pull out of the river is one less thing to potentially harm the environment.”

For someone like me who cares about Iowa’s water quality, that’s great news. It also speaks to the goodness of Iowans. There’s nothing quite like Iowa Project AWARE in any other state. These volunteers know it’s all good when you’re on river time.

Darcy Dougherty Maulsby lives near her family’s Century Farm northwest of Lake City. Visit her at www.darcymaulsby.com.





The magazine
for members of
Iowa's electric
cooperatives.

IOWA ELECTRIC COOPERATIVE LIVING

September 2023

Visit our website at www.grundycountyrecia.com

A photograph of a man in a blue denim shirt with his hand raised in a meeting. He is wearing glasses and has a beard. The background is slightly blurred, showing other people in a meeting setting.

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