

● NOVEMBER 2024

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ELECTRIC COOPERATIVE LIVING

Understanding baseload
and intermittent power

Smart home tech on a budget

Thanksgiving side dishes

Franklin REC presents Light Up the Night ▶ See Page 12

CONTENTS



6



8



10

VOLUME 77 • ISSUE 11

3

STATEWIDE PERSPECTIVE

The power of face-to-face advocacy

3

EDITOR'S CHOICE CONTEST

Win an iRobot Roomba

14

EFFICIENCY MATTERS

Momentum is Building conference

15

OUT BACK

Leaders' vision honors veterans

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ON THE COVER

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

THE POWER OF FACE-TO-FACE ADVOCACY

BY ETHAN HOHENADEL



It's not just what you say, but how you say it. Delivering a message in person, rather than by phone or email, can have a profound

impact on how the message is received. One way the Iowa Association of Electric Cooperatives (IAEC) achieves this goal is by coordinating legislative fly-ins to Washington, D.C., twice a year.

Each spring and fall, a group of directors and senior staff from Iowa's electric cooperatives journey to our nation's capital to meet with Iowa's congressional delegation and their staff. These face-to-face meetings provide us with valuable opportunities to discuss priorities and issues facing the rural Iowa members and communities we serve.

Fly-in facilitates important conversations

During our recent September fly-in, our group of 20 Iowa co-op advocates met with all six members of Iowa's congressional delegation. We voiced our concerns about recent cuts to the U.S. Department of Agriculture's (USDA) Rural Economic Development Loan & Grant (REDLG) program and how vital these funds are to retaining and creating jobs in rural Iowa.

Iowa's electric co-ops lead the nation in utilizing the REDLG program to spur economic development in the small towns and rural areas we serve. We encouraged our senators and representatives to support efforts to restore REDLG funding in 2025 with intentions to maintain optimal funding levels in 2026.

We also asked our elected officials to support reasonable permitting reform to allow utilities to build sorely needed electric transmission

capacity more quickly. Finally, we shared our objections to the Environmental Protection Agency's (EPA) new power plant rules, which threaten the reliability and affordability of electricity for the Iowans we serve. We join America's electric cooperatives in opposing the EPA's power plant rules on the grounds that they are unlawful, unrealistic and unachievable.

In-person meetings make a powerful impact

Investing time and resources to meet with our elected officials in person makes a powerful impact. They appreciate face time with constituents, and we value the opportunity to talk with them and their staff in-depth about energy and economic issues. As the trade association for Iowa's electric cooperatives, IAEC is actively involved in educating our state and federal legislators on energy issues.

How you can join our grassroots efforts

We also engage with our legislators and policymakers on the grassroots level through our Iowa Rural Power advocacy efforts. As a member-consumer of an Iowa electric cooperative, we invite you to join this group and receive updates on rural Iowa energy and economic issues that may impact your community. Learn more at www.IARuralPower.org or search for "Iowa Rural Power" on social media.

Iowa's locally owned and governed electric cooperatives are committed to our mission of powering lives and communities. Maintaining positive relationships with our elected officials and policymakers is just one way we work hard to ensure safe, reliable, affordable and sustainable electricity.

Ethan Hohenadel is the director of policy and advocacy for the Iowa Association of Electric Cooperatives.

EDITOR'S CHOICE CONTEST

WIN AN iROBOT ROOMBA VAC!

Your chore list just got shorter. The Roomba Vac Essential robot is a vacuum loaded with cleaning essentials and powered by iRobot OS. Its cleaning system has three levels of powerful suction for a custom clean on carpets and hard floors.

Visit our website and win!

Enter this month's contest by visiting www.ieclmagazine.com no later than Nov. 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 Toro Leaf Blower from the September issue was **Norman Harrison**, a **Consumers Energy** member-consumer.



ENTER ONLINE BY NOV. 30!

THE DIFFERENCE BETWEEN BASELOAD AND INTERMITTENT POWER

BY GARRETT THOMPSON



If you've been enjoying our "all-the-above" energy series for the last six months, then you're well-versed in the major generation assets

available to electric utilities (if you missed any articles, they are available on our website). This month, I would like to build upon that knowledge and

dive deeper into how they all work together to provide the safe, affordable and dependable electricity you are accustomed to receiving from Franklin REC.

Imagine it's one of those excruciating days when the hot air becomes unbearable. The first thing you do when you get home is turn the thermostat down a couple of degrees.

Thousands of other people are responding the same way throughout your area and the entire region. Every air conditioner and fan starts working at full speed to keep everyone cool and comfortable. The end of the workday creates a massive surge in the amount of electricity needed to meet the demand, and it's up to the people who oversee the operation of North America's power grid to ensure there's an adequate amount to keep you comfortable.

It's a challenging task because the amount of electricity that's needed varies throughout each day. While you and your neighbors are asleep, the demand is lower, but as everyone wakes up, turns on the shower and starts the coffee maker, the demand for power climbs quickly.

Our electric grid gathers and distributes power from many sources, including coal, natural gas, nuclear and renewable energy sources such as wind, solar and hydro. The electricity

supplied from these sources is categorized as baseload, peaking or intermediate power.

Power of baseload

Baseload power accounts for most of the electricity we use. Always-available baseload power sources are designed to constantly generate large amounts of power, so you and everyone else are assured of a reliable supply of electricity whenever you need it. The most familiar examples of baseload sources are nuclear, coal and natural gas, along with some hydroelectric facilities.

Intermittency of renewables

Renewable power sources, such as solar and wind, are increasingly used to supply electricity. Both sources provide intermittent power since the amount of electricity generated and the time at which electricity is generated depend upon cooperation from nature. Solar panels can only generate electricity when there's enough sunlight, and large wind turbines generally only produce power once the wind speed reaches at least 7 miles per hour.

Because intermittent power sources like wind and solar depend on unpredictable weather conditions, they can't be relied upon to deliver predictable and constant baseload power. This is why changes in electricity demand are usually met with intermediate or peaking generation powered by more traditional sources like natural gas.

OFFICE CLOSURE

The Franklin REC office will be closed Thursday, Nov. 28, and Friday, Nov. 29, for the Thanksgiving holiday.

If you experience an interruption in service, please contact the office at 641-456-2557. To make a payment, call 855-940-3953.



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Electric co-op members who are concerned about climate change may wonder why power suppliers aren't rushing to replace fuels such as coal and natural gas with alternatives like wind and solar. If co-ops and other electric utilities switched completely to intermittent sources, they wouldn't be able to meet consumers' needs for reliable power.

One promising technology involves the development of energy storage devices such as batteries that can store excess power generated by wind and solar so it's available even when the weather isn't cooperating. While that technology is advancing, it's still evolving, and large-scale use of such batteries is many years away. Batteries also require large amounts of elements, such as lithium, which must be mined, creating additional environmental concerns.

In my May column, I discussed nuclear power plants and the development of small modular reactors. This new and exciting technology would be highly beneficial to electric utilities because they could be built as a baseload or peaking generation plant. They can also be custom-built to supply the needed energy within a smaller landscape than traditional baseload generation units.

Maintaining a diverse mix of energy sources and fuels is essential to balancing the delivery of safe, reliable, affordable and environmentally responsible power.

Garrett Thompson is the general manager/CEO of Franklin REC.

POWERING LIVES, EMPOWERING COMMUNITIES: THE IMPACT OF IOWA'S ELECTRIC COOPERATIVES

Iowa's electric cooperatives are proud to be owned by the members we serve. For more than 85 years, we've been committed to providing safe, reliable, affordable and sustainable power.

Electric cooperatives cover more than two-thirds of the state's land mass and maintain enough power lines to wrap around the equator two and a half times – that's close to 62,000 miles! Electric co-ops serve almost 240,000 households, farms and businesses throughout the state, which means we power the lives of approximately 650,000 Iowans throughout all 99 counties.

We serve primarily rural areas of the state, and we're mission-driven to improve the quality of life for our member-owners. We adhere to the following seven core principles that guide all cooperatives.

- ➔ **Voluntary and open membership.** The co-op is open to any persons who are able and willing to join, accept responsibility as a part of the organization and can use the organization's services.
- ➔ **Democratic member control.** Cooperatives are democratic organizations controlled by their members, who actively participate in setting policies and making decisions.
- ➔ **Members' economic participation.** Members contribute equitably to, and democratically control, the capital of their cooperative.
- ➔ **Autonomy and independence.** The members of the co-op determine everything it does, which allows the co-op to function independently.
- ➔ **Education, training and information.** Cooperatives provide education and training for their members, elected representatives, managers and employees so they can contribute effectively to the development of their cooperatives.
- ➔ **Cooperation among cooperatives.** Cooperatives serve their members most effectively and strengthen the cooperative movement by working together through local, national, regional and international structures.
- ➔ **Concern for community.** While focusing on member needs, cooperatives work for the sustainable development of their communities.

Our mission: Franklin REC is a rural community-focused organization who works to efficiently deliver reliable and safe energy to our members.



ANSWERING THE CALL IOWA'S ELECTRIC COOPERATIVES SUPPORT HURRICANE HELENE RESTORATION EFFORTS

BY ANN FOSTER THELEN

Photo Source: Chariton
Valley Electric Cooperative

In the wake of Hurricane Helene, which devastated parts of the southeastern U.S., Iowa's electric cooperatives answered the call for assistance, demonstrating the true spirit of the co-op principle of Cooperation Among Cooperatives. This massive Category 4 storm left an estimated 1.25 million electric cooperative members without power, with the Carolinas suffering the most severe damage. Hurricane Helene has been the deadliest hurricane in the Atlantic so far this year, killing at least 228 people. Amid the destruction, Iowa's electric cooperatives quickly mobilized to support their fellow cooperatives in South Carolina, bringing manpower and essential equipment to help restore power in the hardest-hit areas.

Iowa's mutual aid response

Hurricane Helene was one of the most destructive storms ever to hit the co-op community, particularly in South Carolina, where more than 425,000 cooperative members lost power. Responding to an urgent

request for help, the Iowa Association of Electric Cooperatives (IAEC) coordinated the deployment of 10 crews made up of 40 linemen, 10 bucket trucks and 10 digger trucks from 11 Iowa co-ops. These crews were crucial to the restoration efforts in the Palmetto State.

On Sept. 29, as power outages spread across South Carolina, the Electric Cooperatives of South Carolina reached out to Scott Meinecke, IAEC's director of safety and loss control, for help. Six Iowa electric cooperatives – **Chariton Valley Electric Cooperative, Eastern Iowa Light & Power Cooperative, Farmers Electric Cooperative (Greenfield), Linn County Rural Electric Cooperative, Maquoketa Valley Electric Cooperative** and **T.I.P. Rural Electric Cooperative** – responded immediately by sending five full crews to assist Mid-Carolina Electric Cooperative.

"In Southern storm terms, a crew is four to five men, one digger

with pole trailer and one bucket truck," Meinecke explains.

The next day, with the scope of the damage becoming clearer, South Carolina issued a second request for more assistance. In response, four more Iowa co-ops – **Clarke Electric Cooperative, Consumers Energy, Midland Power Cooperative** and **Western Iowa Power Cooperative** – deployed an additional 16 linemen, four bucket trucks, four diggers and four pole trailers to assist Blue Ridge Electric Cooperative.

Meeting unprecedented challenges

The damage caused by Hurricane Helene was described as one of the most catastrophic in South Carolina's history. The storm snapped more than 5,000 power poles, downed thousands of power lines, and left many areas inaccessible due to fallen trees and flooding. In the hardest-hit regions, particularly those served by Little River Electric Cooperative, 99% of members

lost power. Restoring service in these areas posed significant challenges, with some regions facing weeks of outages.

Despite these challenges, Iowa's electric cooperatives continued to send help. **Nishnabotna Valley Rural Electric Cooperative** and **Midland Power Cooperative** dispatched crews to assist Little River Electric Cooperative in restoring power to the approximately 10,000 meters still without service.

The cooperative spirit in action

The work Iowa's electric cooperatives undertook in South Carolina is part of a broader, nationwide effort to assist regions hit by natural disasters. The response to Hurricane Helene was no different. Crews from 23 states were involved in the restoration effort in South Carolina alone, with more than 3,200 lineworkers working around the clock.

MiEnergy Cooperative, an electric co-op serving members in Iowa and Minnesota, also sent a team of linemen and a bucket truck through the Minnesota Rural Electric Association, extending Iowa's reach beyond direct coordination with South Carolina.

This vast mobilization of resources was instrumental in restoring power to over 363,000 consumers in South Carolina, with only 7% of the cooperative members still without power by the end of the first week of recovery efforts.

The restoration work included clearing debris, replacing snapped poles and repairing broken lines – often



Photo Source: Linn County REC



Photo Source: Maquoketa Valley Electric Cooperative



Photo Source: Midland Power Cooperative



Photo Source: Western Iowa Power Cooperative

dangerous and grueling work. Crews operated in flooded areas, navigated around downed trees and worked long hours in harsh conditions.

Support and gratitude

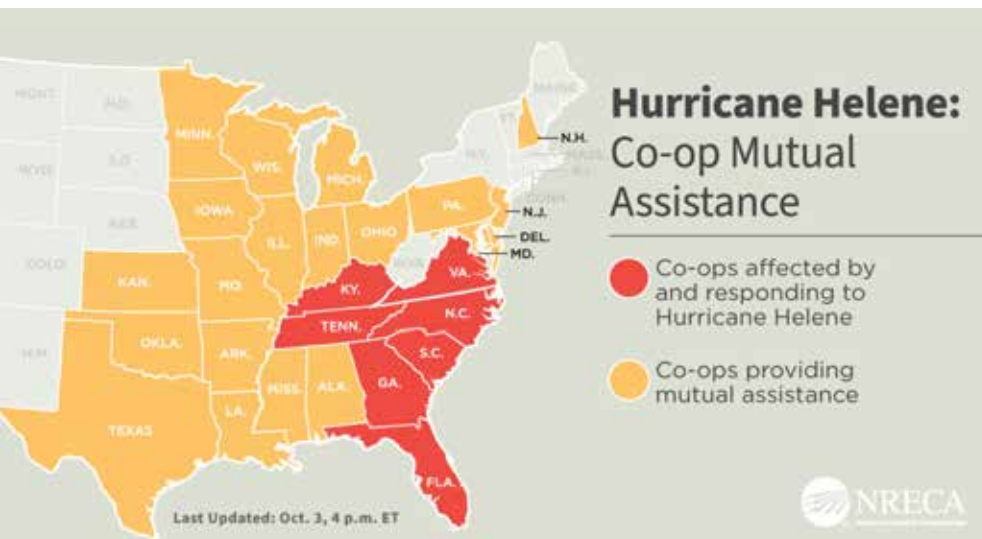
These efforts were not unnoticed. South Carolina's co-op leaders expressed deep gratitude for the help they received from Iowa and

other states. Mike Couick, CEO of the Electric Cooperatives of South Carolina, acknowledged the hard work and dedication of the lineworkers, stating, "Our folks are doing everything they can to help by restoring power as quickly as possible to the communities that remain out. Our work won't stop until the very last light is back on."

Back in Iowa, IAEC and its member co-ops kept their communities informed through updates on social media and encouraged their followers to keep the linemen in their thoughts and prayers as they worked to restore power to South Carolina's residents.

Iowa's linemen, alongside thousands of others from across the country, have shown that when disaster strikes, the cooperative network stands ready to help – no matter how far they have to go to lend a hand.

Ann Foster Thelen is the editor of Iowa Electric Cooperative Living magazine.



THANKSGIVING

SIDE DISHES



APPLES & YAMS

- 2 large yams
- 2 apples
- ¼ cup brown sugar
- 1 teaspoon corn starch
- ⅛ teaspoon ground cloves
- ½ cup orange juice
- 3 tablespoons pecans or walnuts, chopped water

Fill a large saucepan with water and boil unpeeled yams for 30 minutes, until tender but firm. Cool yams enough to handle, then peel and slice crosswise, ¼-inch thick. Core and slice apples ¼-inch thick. In a shallow 1-quart baking dish, overlap the apple and yam slices. In saucepan, combine brown sugar, corn starch and cloves. Add orange juice and blend. Cook over low heat, stirring until sugar dissolves and sauce thickens. Pour sauce over apples and yams. Sprinkle with nuts and bake at 375 degrees F for 20 minutes.

Karen Caldwell • Albia
Chariton Valley Electric Cooperative, Inc.

CORNBREAD BAKE

- 1 stick butter, melted
- 1 can cream style corn
- 1 can whole corn, undrained
- 8 ounces sour cream
- 2 eggs, beaten
- 1 small box cornbread mix

Mix all ingredients in a large bowl. Pour mixture into a lightly greased 9x9-inch pan or baking dish. Bake uncovered at 350 degrees F for 55-60 minutes. Serve warm. Serves 8

Kristine Frakes • Melrose
Chariton Valley Electric Cooperative, Inc.

SCALLOPED CHICKEN DISH

- 4 eggs, beaten
- 1 can cream of mushroom soup
- 13 ounces evaporated milk
- 1 quart chicken broth
- 1 tablespoon butter
- 1 chicken, cooked and boned
- 2 cups celery, diced
- 1 onion, diced
- 4 cups croutons
- 2 teaspoons sage
- salt, to taste
- pepper, to taste

Mix eggs, soup, milk, broth and butter. Add chicken, celery, onions, croutons and seasonings. Bake covered at 375 degrees F for 1½ hours. Serves 15

Jana Overholtzer • Russell
Chariton Valley Electric Cooperative, Inc.

CREAM CHEESE MASHED POTATOES

- 5 pounds potatoes
- 1-2 cups sour cream
- 6-8 ounces cream cheese
- 2 teaspoons onion salt
- 1 teaspoon salt
- ¼ teaspoon pepper
- 2 tablespoons butter
- shredded cheese, optional

Peel, cube and cook potatoes. Mash potatoes and add remaining ingredients, mix well. If potatoes are too stiff, add a little milk. Shredded cheese can be mixed in or put on top. Freezes well. Serves 8

Ranita Gehman • North English
T.I.P. Rural Electric Cooperative

SWEET POTATO CASSEROLE WITH PRALINES

- 6 cups sweet potatoes
- 1½ cups sugar
- 3 teaspoons vanilla, divided
- 2 sticks butter, softened, divided
- 2 eggs
- 1¾ cups brown sugar
- 2 cups pecans, chopped
- 1 cup flour

Cook, drain and mash sweet potatoes. Mix with sugar, 1 teaspoon vanilla, 1 stick butter and eggs. Spread in greased 9x13-inch pan. Mix brown sugar, 2 teaspoons vanilla, pecans, 1 stick butter and flour. Sprinkle on top of casserole. Cover with foil and bake at 350 degrees F for 20 minutes. Uncover and bake an additional 15-25 minutes, until heated through and topping is browned. *Serves 12-24*

**Amber Wetzel • Linden
Guthrie County Rural Electric Cooperative Association**

SWEET POTATO CRANBERRY CASSEROLE

- ½ cup flour
- ½ cup oatmeal
- ½ cup brown sugar
- 1 teaspoon cinnamon
- ½ cup butter, softened
- 2 17-ounce cans yams, drained
or 4 cups sweet potatoes, peeled, cut and cooked
- 2 cups fresh cranberries
mini marshmallows, optional

Combine flour, oatmeal, brown sugar and cinnamon. Cut in butter (can substitute margarine). In a large bowl, combine yams (or sweet potatoes) with 1 cup of the crumb mixture and cranberries. Place in 2-quart casserole dish. Top with remaining crumb mixture. Bake covered at 350 degrees F for 35 minutes. If desired, uncover and top with marshmallows and cook an additional 5 minutes or until marshmallows are browned.

**Laurie Thompson • Parnell
T.I.P. Rural Electric Cooperative**

BEANS ROYALE

- 1 21-ounce can pork and beans
- 2 tablespoons brown sugar
- ¼ teaspoon dry mustard
- ¼ teaspoon chili powder
- ⅛ teaspoon garlic powder
- ½ teaspoon minced onion
- 1 tablespoon vinegar
- 1 14.5-ounce can chopped tomatoes

Combine all ingredients in a 2-quart casserole dish. Bake at 350 degrees F for 20 minutes. For more tang, substitute dry mustard with liquid mustard. *Serves 6-8*

**Joanne Fox • Sioux City
North West Rural Electric Cooperative**

SCALLOPED POTATOES WITH MUSHROOMS

- 1 can coconut milk
- 1 can water (using coconut milk can)
- 1 cup raw cashews
- 1 teaspoon onion powder
- 1 teaspoon garlic powder
- 1 tablespoon Maggi seasoning sauce
- ½ cup nutritional yeast
- 6 potatoes, peeled, thinly sliced
- 1 can mushrooms, chopped small
- 1 medium sweet onion, thinly sliced
- 1 tablespoon parsley flakes

In a blender, add the first seven ingredients and blend until smooth, creating a sauce. Pour ⅓ of the sauce in bottom of a 9x11-inch pan. Layer half the potatoes, mushrooms and onions in pan. Cover with ⅓ of the sauce. Layer remaining potatoes, mushrooms and onions. Cover with remaining ⅓ of the sauce. Sprinkle parsley flakes on top. Bake covered at 350 degrees F for 1 hour, until potatoes are tender. The thinner the slices, the quicker they will cook. Uncover and bake for an additional 15 minutes or until the top is light golden brown. *Serves 6*

**Jacque Minikus • Pisgah
Harrison County Rural Electric Cooperative**

WANTED:

SEAFOOD RECIPES

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

Deadline is Nov. 30

Submit your **favorite recipes using seafood**. Please include your name, address, telephone number, co-op name, recipe category and number of servings on all submissions.



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

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



BEST SMART HOME TECH ON A BUDGET

BY MIRANDA BOUTELLE

With all the buzz around smart technology, you may be asking yourself how to get the most bang for your buck. Smart technology can make it easier to save energy by simplifying or automating tasks. It can also optimize energy use to reduce waste and improve efficiency.

When upgrading to smart technology at home, consider the purchase cost and long-term savings. For example, you may pay a little more for a product with the latest technology, but it could result in significant savings each year and over the lifetime of the appliance.

Consider these smart devices that will take the work out of saving energy.



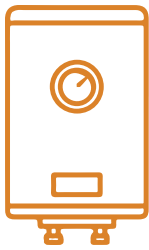
Smart thermostats

Smart thermostats save energy by automatically adjusting

your heating or cooling system. For example, you can save as much as 10% a year on heating and cooling costs by adjusting your thermostat 7 to 10 degrees from its normal setting for eight

hours a day, according to the U.S. Department of Energy (DOE).

You can program a smart thermostat to change the temperature while asleep or away or use a smartphone app to adjust the settings. Some models use artificial intelligence to maximize efficiency by learning your patterns and preferences. Prices range from \$80 to \$250, depending on features. Smart thermostats do not work with all heating and cooling systems, so check compatibility before you buy.



Water heaters

Your water heater can also be controlled for energy savings. According to the DOE, installing a timer on your electric water heater can

save 5% to 12% of the energy it uses by turning it off at night and when you don't need to use hot water.

If you are already planning to replace your electric storage water heater with a heat pump water heater, consider a model equipped with smart technology features, including Wi-Fi capabilities for controlling it remotely or during peak demand times, viewing the amount of hot water available and tracking energy use. There are a variety of modes, including vacation, efficiency, and high demand, which produces more hot water. Some models can notify you or shut off if a leak is detected. Depending on the manufacturer and size of the unit, a smart heat pump water heater may only cost a few hundred dollars more than a standard heat pump water heater.



Smart lights, switches and plugs

Smart lighting gives you the power to remotely control lights in your home or set a lighting schedule

that fits your lifestyle. This can be beneficial for energy savings and provide home security benefits. If you or other household members are notorious for leaving lights on, smart lighting can help. Numerous features are available, including dimmable bulbs and color-changing effects.

Smart light switches are another budget-friendly way to control lighting. They're priced from about \$10 to \$50. Smart switches with dimmable options are available and can also control ceiling fans. Some have occupancy sensors that turn lights off when no movement is detected in a room.

A smart plug fits into any outlet to control whatever is plugged into it. Set it to automatically turn off and

on or control it using a smartphone app. Prices range from \$8 to \$25.



Smart controls

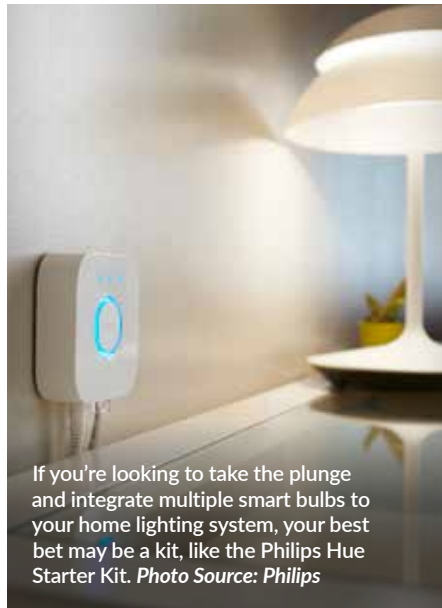
A wide variety of smart shades, curtains and blinds are available, including styles with integrated controls. You can also

add smart controls to your existing blinds or curtains. Both options allow you to adjust the tilt of blinds and open or close curtains. Set a schedule, control them remotely or use a voice command paired with a voice

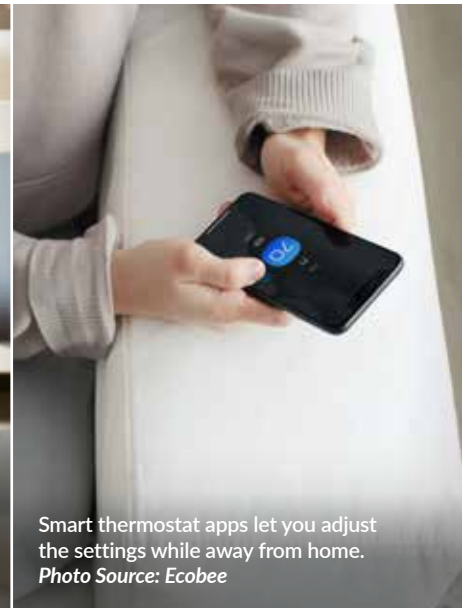
assistant, such as Alexa or Google Home. This allows you to reduce cooling needs in the summer and heating needs in the winter. Smart controls start at around \$70. To save the most energy, prioritize windows with the most incoming light.

Upgrading to smart home technologies can make using less energy at home easy. Choose options that make the most sense for your lifestyle to optimize savings.

Miranda Boutelle writes on energy efficiency topics for the National Rural Electric Cooperative Association.



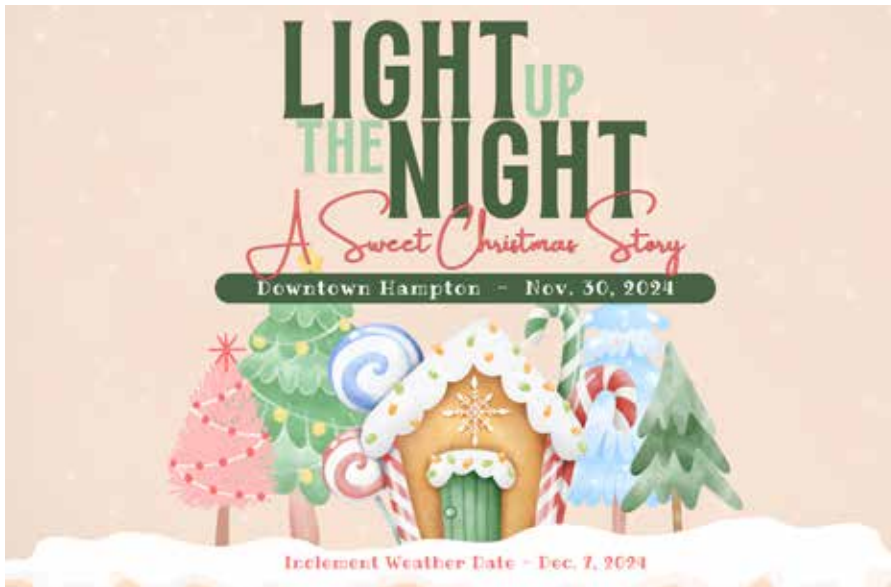
If you're looking to take the plunge and integrate multiple smart bulbs to your home lighting system, your best bet may be a kit, like the Philips Hue Starter Kit. *Photo Source: Philips*



Smart thermostat apps let you adjust the settings while away from home. *Photo Source: Ecobee*



Smart heat pump water heaters have automation features that help you use less energy. *Photo Source: Northwest Energy Efficiency Alliance*



FRANKLIN REC PRESENTS: LIGHT UP THE NIGHT 2024 — A SWEET CHRISTMAS STORY

Prepare to be dazzled as Franklin REC's Light Up the Night 2024: A Sweet Christmas Story takes over downtown Hampton on Saturday, Nov. 30! This magical, all-day event is packed with fun, holiday cheer and community spirit – guaranteeing an unforgettable experience for all ages.

A sneak peek at the day's festive lineup

Race over to Band Shell Park in the morning for the Reindeer Rumble Pedal Pull! Franklin REC is kicking off the festive fun with some friendly competition, thanks to the Franklin County Fair lending us their pedal tractor. You don't miss the excitement before a full day of holiday festivities!

Then, head to the fireman's free-will donation lunch at the Hampton Firehouse, where you can enjoy a delicious meal while supporting local firefighters. Nothing says community quite like sharing a hearty lunch for a great cause!

After fueling up at the firehouse, let your day begin with holiday crafts for kids. Whether decorating ornaments

or creating festive keepsakes, your little ones can express their creativity while soaking up the Christmas magic. To make your way around town, hop on the free trolley ride that will travel through downtown. Remember to stop at Peace Plaza for free photos with Santa and Mrs. Claus and a cup of hot cocoa. Plus, the kiddos can write a wish list to St. Nick! Need an afternoon break? The Windsor Theatre has you covered with a free afternoon movie matinee, where families can cozy up with a bag of popcorn and get ready for some heartwarming entertainment.

Whether you're exploring crafts, lunching with friends or heading to Peace Plaza for free Santa photos, your afternoon is sure to be full of festivities.

And just when you think the day can't get any better, it's time for the grand finale: the beloved lighted parade leading to the park lighting. Watch as brightly lit floats parade through the streets of downtown Hampton,

casting a festive glow over the entire town. This magical display of lights, music and holiday spirit is the perfect way to wrap up the day.

Then, stroll over to Band Shell Park, where the holiday season truly comes to life. The park will be transformed into a sparkling wonderland, with thousands of lights illuminating the trees and pathways, making it the perfect place to kick off the season. Capture the magic with free Santa photos right in the heart of this enchanting scene, and take a peaceful stroll through the park to enjoy a delightful, interactive activity: A Sweet Christmas Story. As you walk, you'll read along with charming displays telling a story that will bring a smile to all.

With the lights twinkling in Band Shell Park for the whole season and a day packed with holiday joy, Light Up the Night 2024 will truly be A Sweet Christmas Story to remember. Whether it's your first time attending or a cherished annual tradition, this event promises festive fun, community warmth and holiday memories that will last a lifetime.

Mark your calendar and join us in downtown Hampton on Saturday, Nov. 30! Enjoy a magical day filled with wonder, joy and the true spirit of the holidays.



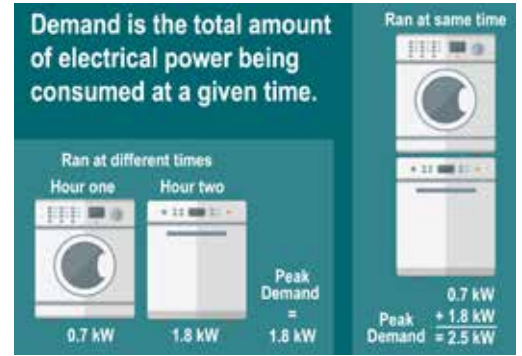
WHAT IS DEMAND?

Electric demand is the rate at which electricity is used at a given time and is measured in kilowatts (kW). To put this into context, both your dishwasher and washing machine use electricity. The amount of electricity they use is the same regardless of when you use them. However, if you use them at the same time, you demand more electricity at that time.

Let's see how the math works. If your washing machine runs for an hour and uses 0.7 kilowatt-hours (kWh) and then your dishwasher runs for an hour and uses 1.8 kWh, you used 2.5 kWh

of electricity. Your highest demand over those two hours is 1.8 kW, which is the most you used at one time. If you ran them both for the same hour, your demand would be 2.5 kW.

There are certain times of day when energy usage is at peak demand. This is typically during the evening when families return home from work or school to make dinner and do chores. Using electricity during this time costs more to both our cooperative and members because it requires the system to provide more electricity in less time. The best way to reduce



demand is by spreading your electric usage throughout the day and night.

If you have questions about your electric bill or more questions about demand, please contact us at 641-456-2557.

'TIS THE SEASON TO GIVE

Join Franklin REC at our winter blood drive on Monday, Dec. 30.



Call the office at 641-456-2557 or scan the QR code with your phone to set up an appointment.



FRANKLIN REC ALTERNATIVE ENERGY FUND

Franklin REC's voluntary Alternative Energy Program (AEP) allows members to support the development of renewable energy projects with contributions to the fund. The funding for the program, provided by our members, supports the development of alternative energy production facilities in Iowa. These contributions provide the opportunity for alternative energy to be purchased and assist in the development of nontraditional generation in Iowa.

This is a one-time contribution or a monthly pledge automatically added to monthly bills in \$1 increments. To enroll in the AEP, complete the form below.



FROM YOUR BOARD ROOM

During the September meeting, Franklin REC directors:

- Approved work orders and special equipment capitalization of \$825,551.90
- Approved 2025 board meeting dates
- Approved date for 2025 Franklin REC Annual Meeting
- Approved 2025 workers' compensation insurance as presented
- Approved estate patronage retirements as presented

Alternative Energy Fund Authorization Form

One-time contribution \$ _____
 Payments made payable to Franklin REC.

Monthly contribution \$ _____
 This amount will be automatically applied to your monthly electric bill.
 You may opt in or out of the program at any time.

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Billing Account Number: _____

Signature: _____ Date: _____

Clip this form and return it to Franklin REC, PO Box 437, Hampton, IA 50441 or email the information to franklin@franklinrec.coop.

CONFERENCE PROVIDES ENERGY EFFICIENCY RESOURCES TO TRADE PROS

In today's world, sustainability and energy efficiency have become paramount in the construction industry. Iowa's electric cooperatives invite building trades professionals to the **2025 Momentum is Building (MIB) conference**, scheduled for Feb. 20-21, 2025, at the Sheraton West Des Moines. The annual conference aims to equip contractors and their staff with the knowledge and tools necessary to excel in a rapidly changing construction landscape.

According to the 2023 National Association of REALTORS® Sustainability Report, 63% of real estate professionals recognize the value of promoting energy efficiency in property listings. Homebuyers increasingly prioritize features that reduce carbon footprints and lead to long-term utility savings.

Iowa's electric cooperatives serve as a source of information and provide expertise to help members save energy and lower their electric bills. Educating Iowa home builders and contractors about the latest energy-efficiency innovations is another way electric co-ops assist members in reaching their energy goals. For more than 30 years, the annual conference, sponsored and organized by the Iowa Cooperatives for Energy Efficiency, has connected Iowa's construction industry with the local services and resources available from Iowa-based electric cooperatives, which serve nearly 650,000 Iowans across 99 counties.

MIB serves as a resource to provide the information area contractors need to design and improve homes that are energy-efficient, healthy, comfortable and affordable.

For more information about the conference or to register, visit www.momentumisbuilding.com or contact your local electric cooperative.



Momentum is Building conference

Feb. 20-21, 2025
Sheraton West Des Moines



MIB ALLOWS ATTENDEES TO:

- **Stay ahead of the curve.** Get the latest insights on industry trends, green building best practices and innovative construction technologies. Earn valuable Continuing Education Units (CEUs) for electricians, plumbers and HVAC professionals.
- **Gain insights.** MIB keynote speaker Bill McAnally, a long-time friend and energy-efficiency expert in Iowa, will look back at energy-efficient homebuilding and the lessons learned.
- **Learn about sustainability.** Discover energy-efficient products and practices and chat with the experts who market and sell products and services that can save money, attract more clients and contribute to a greener future.
- **Network.** Connect with fellow contractors, builders, energy-efficient product specialists and industry experts. Share experiences and foster valuable partnerships.

LEADERS' VISION HONORS VETERANS

BY DARCY DOUGHERTY MAULSBY

I always enjoy hearing from *Iowa Electric Cooperative Living* readers. One reader, Carolyn, asked if I could share more information about the history of the renovated Community Memorial Building in my hometown of Lake City.

The idea for this exceptional building took root in the wake of World War I. The Community Memorial Building was built in 1919-1920 to honor local military members and provide a multipurpose facility for the community's use.

The philosophy of project supporters was: "That the dead not be forgotten, and that the living be honored, was the purpose of this memorial. Not cold, gray marble shafts, but a place where all may meet and enjoy the blessings saved for us by the boys in blue and khaki."

Local women spearheaded this ambitious project. The Lake City Civic Improvement Society led the campaign to build the \$85,000 structure. That equates to more than \$1.5 million in 2024 dollars!

I chuckle whenever I read this comment from a 1921 edition of the *Dearborn (Michigan) Independent* newspaper, which ran a feature story on Lake City's Community Memorial Building. "The Lake City Civic Improvement Society is the peppiest organization in town.

There are nearly 250 members of this society from the town and surrounding country. The strange part of it is, they are all women."

Hiring the best of the best

The Community Memorial Building was no ordinary place. Des Moines-based Proudfoot, Bird & Rawson, Iowa's foremost architectural firm at the time, designed the two-story, brick structure. This firm also designed the Memorial Union at Iowa State University (ISU), and courthouses in Polk County and Greene County.

Neumann Brothers Inc., which is still in business today, built the Community Memorial Building. Neumann Brothers also built the Equitable Building in Des Moines (the first skyscraper in Iowa), the Cowles Library at Drake University, and ISU's Memorial Union, which honors students and alumni who died during World War I.

Lake City's Community Memorial Building opened to the public on Armistice Day in November 1920. The gala celebration included speeches, building tours, a three-act musical comedy called "Miss Bob White," and a football game between the Lake City and Rockwell City American Legions.

Through the years, local veterans' groups have met at the Community Memorial Building. Countless events have also been hosted in this iconic building.



Major renovations transformed the Community Memorial Building in 2020-21.

Vision: the difference between success, failure

About five years ago, a group of community leaders led a fundraising campaign to support an extensive renovation of the Community Memorial Building, which is listed on the National Register of Historic Places. I was fortunate to attend the November 2021 re-dedication of this architectural gem and community center as it continues to honor members of the military and veterans.

Today, you can rent this elegant venue for wedding receptions, meetings and other events. Each time I step inside, I'm reminded of the wisdom of Sir Winston Churchill, who noted, "We shape our buildings; thereafter, they shape us."

Those women who proposed the idea for the Community Memorial Building so long ago knew this. So did the writer of "Community Building: A Great Necessity," which appeared in the May 1, 1919, edition of the *Lake City Graphic*: "The difference between success and failure is often a difference in vision. To accomplish any material thing, an insight into the future is essential. People must have a vision to gain inspiration. Communities grow in proportion to their vision."

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



Lake City's Community Memorial Building opened to the public on Armistice Day in November 1920.



For more than a century, the Community Memorial Building has been a centerpiece of the community.



IOWA ELECTRIC COOPERATIVE LIVING

The magazine
for members of
Iowa's electric
cooperatives.

November 2024

Visit our website at www.franklinrec.coop



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