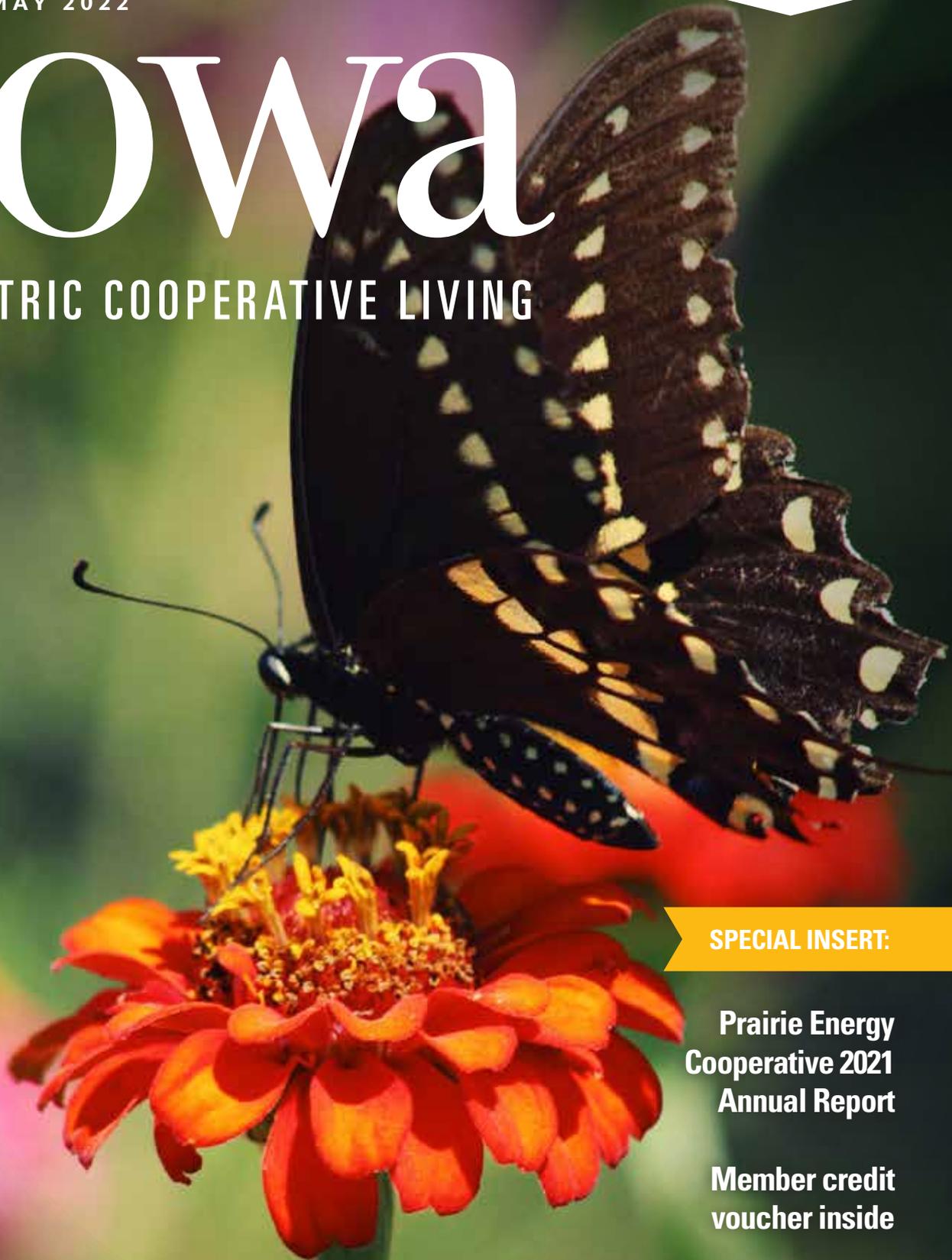


MAY 2022

iowa

ELECTRIC COOPERATIVE LIVING



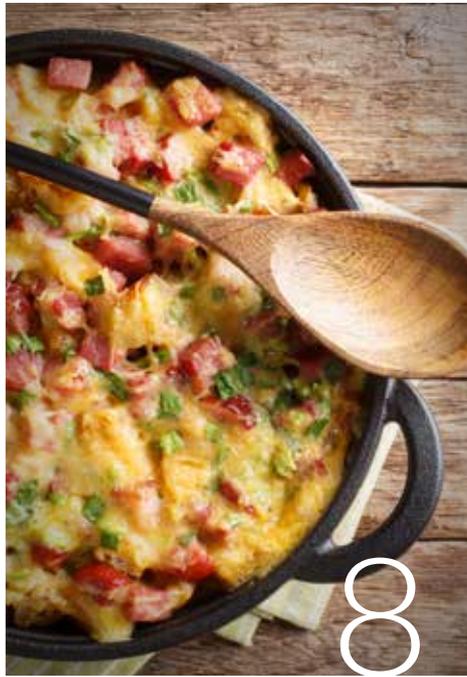
SPECIAL INSERT:

**Prairie Energy
Cooperative 2021
Annual Report**

**Member credit
voucher inside**

Win a bundle of beef ▶ See Page 3

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EDITOR
Ann Foster Thelen

ART DIRECTOR
Joel Clifton

IAEC EXECUTIVE VICE PRESIDENT
Chuck Soderberg

IAEC DIRECTOR OF COMMUNICATIONS
Erin Campbell

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8525 Douglas Ave., Suite 48, Des Moines, IA 50322-2992. Telephone: 515-276-5350.

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editor@ieclmagazine.com. *Iowa Electric Cooperative Living* magazine does not assume responsibility for unsolicited items.

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ON THE COVER

Special thanks to Hollie Nelson, an Access Energy Cooperative member-consumer, for supplying this month's cover image. Submit high-resolution photos for consideration to editor@ieclmagazine.com. You could win \$100!

LET'S SHINE THE LIGHT ON COMMUNITY VOLUNTEERS AGAIN IN JUNE

BY ERIN CAMPBELL



It can be intimidating to try something new, but what a joy it can be when you succeed! We felt this way when Iowa's electric cooperatives launched a

new statewide contest last year to celebrate our cooperative commitment to community.

Our first-ever Shine the Light contest received 39 fantastic nominations celebrating the efforts of incredible Iowa volunteers. We managed to select three finalists and each received a donation to their local charity and were featured in *Iowa Electric Cooperative Living* magazine. It was an honor to learn more about these individuals and the impact they've made in their communities.

Contest returns in 2022

I'm excited to share the Shine the Light contest is back again this year, and we want to thank you for making our debut such a success last summer! Member-consumers, employees and retirees of any Iowa electric cooperative are eligible to nominate a volunteer in their community during the month of June at www.IowaShineTheLight.com. Nominated volunteers do not need to be co-op member-consumers, and minors may be nominated with their guardians' consent. Non-winners who were nominated last year are eligible to be nominated again this year.

Three nominated volunteers will ultimately be selected, and each will receive a \$2,000 donation to their charity and be featured in the September issue of our magazine. To nominate someone for the contest, simply fill out the entry form at www.IowaShineTheLight.com any time

in the month of June. You'll need to provide basic contact information for you and your nominee and answer the following question in 500 words or less: ***How has your nominee made a positive difference in the community, and why do they deserve to be recognized?***

The cooperative difference

You may be wondering why your electric utility is investing in this program. Electric cooperatives are more than just a utility – we are locally owned and governed by the people who use our services. Additionally, we are driven to improve quality of life for the people and communities we serve, and we are guided by seven cooperative principles, including “concern for community.” Investing in

our communities and celebrating local volunteers is just one way we fulfill our cooperative mission.



I encourage you to start thinking about a friend or neighbor who is making a positive difference in your area. Nominating them for the contest is a great way to shine the light on their efforts and to let them know how much they are appreciated.

I look forward to being inspired by your wonderful essays again this summer as nominations filter in during June. Learn more about the contest rules and guidelines at www.IowaShineTheLight.com.

Erin Campbell is the director of communications for the Iowa Association of Electric Cooperatives.

EDITOR'S CHOICE CONTEST

Win a beef bundle!

May is Beef Month in Iowa! To celebrate, we're giving away a beef bundle, including \$50 in beef and grocery certificates plus a box filled with summer grilling essentials, courtesy of the Iowa Beef Industry Council.



ENTER ONLINE BY MAY 31!

Visit our website and win!

Enter this month's contest by visiting www.ieclmagazine.com no later than May 31. 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 NutriBullet from the March issue was Kris Ogburn, Farmers Electric Cooperative, Inc.

INVESTING IN IOWA'S QUALITY OF LIFE AND TOURISM

Gov. Reynolds recently announced a \$100 million investment to bolster the quality of life in Iowa's communities and attract visitors and new residents to the state. The new effort, called Destination Iowa, will provide grants to help communities move forward on transformational, shovel-ready attractions. Cities, counties, nonprofits and other organizations can apply for Destination Iowa grants from four separate funds: Economically Significant Development, Outdoor Recreation, Tourism Attraction and Creative Placemaking.

"Communities in all corners of the state are creating unique destinations that give visitors a reason to explore and residents a reason to stay," Gov. Reynolds says. Destination Iowa will help more communities across the state move forward in their efforts to boost tourism and economic growth while enhancing the quality of life for Iowans."

While Iowa saw a record number of Iowans and out-of-state travelers utilizing outdoor amenities, such as state and county parks and recreational bike trails over the last two years, the



Photos: Iowa Tourism Office

hospitality industry in the State of Iowa experienced a 46.1% decrease in employment and there was an overall 29% decline in visitor spending as a result of the COVID-19 pandemic. Destination Iowa will provide new opportunities to create and invest in attractions that will raise Iowa's profile, welcome out-of-state travelers and increase visitor spending while accelerating tourism's recovery. It will also spur local economies and contribute to efforts to recruit new members of Iowa's workforce.

Iowa has led the way in elevating its already unmatched quality of life through significant state investments

in child care, broadband, housing and commercial aviation infrastructure projects, as well as a significant investment in the successful This Is Iowa ad campaign. This investment will build upon that momentum.

"Destination Iowa will inspire the kinds of attractions that Iowans take pride in and that will raise the positive profile of our state well beyond our borders," Gov. Reynolds says.

Applications will be accepted starting May 9. Funded projects must be completed by June 30, 2026. For more information on Destination Iowa, visit iowaeda.com/destination-iowa.

WINNING ESSAY SELECTED



Congratulations to Teagan Glenney, daughter of Consumers Energy members Kippen and Brian Glenney, for submitting the winning essay for *Iowa Electric Cooperative Living's* Youth Tour Contest. Teagan is homeschooled, and in her free time enjoys painting, drawing, crocheting, swimming, reading and resin art.

Glenney will join dozens of other Iowa students – and high school students from across the U.S. – in Washington, D.C., from June 18-24. Youth Tour participants learn about rural electrification, get an inside look at the federal government and tour the city, visiting the National Cathedral, war memorials, Smithsonian museums and Capitol Hill.

To enter the contest, students submitted a short essay, picking one of the seven cooperative principles and sharing how their local electric cooperative embodies it.

YOUTH TOUR

Judges anonymously selected one winning entry.

In her essay, Glenney wrote, "The seven cooperative principles are the base of cooperatives. My electric cooperative is Consumers Energy, and they embody co-op principle No. 5 – Education, Training and Information by constantly educating members. They develop their co-op and community by providing education and training to members in many ways."

She cited numerous ways Consumers Energy actively carries out this principle through its website, monthly newsletter and annual meeting; plus, programs such as offering free electric safety demonstrations to schools, providing college and lineworker scholarships, and sponsoring a student to participate in the Youth Tour.

Thank you to those who entered this year's contest!

PLUG IN TO SAFETY

May is National Electrical Safety Month, and Iowa's electric cooperatives remind you to always stay safe around electric appliances, equipment and power lines. Here are some simple tips to help you stay safe around electricity:

Indoor safety tips

- Never use extension cords as a constant, long-term extension of your household's electrical system.
- Continuous use can cause an extension cord to deteriorate and can result in a potentially dangerous electric shock or fire hazard.
- Never plug a fan into an extension cord or power strip.
- Never plug two extension cords together. Doing so can result in overloaded circuits, short circuits and damaged cords, which could lead to fires or electric shocks. Instead of plugging extension cords together, consider installing additional outlets where needed.
- Do not run cords through walls, doorways, ceilings or under rugs or carpet. If a cord is covered, heat cannot escape and can create a fire hazard.
- Make sure that your extension cord or power strip is properly rated for the device that will be plugged in and is marked for either indoor or outdoor use.
- Never use three-prong plugs with outlets that only have two slots for the plug. Do not cut off the ground pin to force a fit. This defeats the



purpose of a three-prong plug and could lead to an electrical shock.

- Only buy cords approved by an independent testing laboratory, such as Underwriters Laboratories (UL), Intertek (ETL) or Canadian Standards Association (CSA). Reduce your electrical load by using energy-efficient appliances and lighting.
- Regularly inspect electrical cords and extension cords for damage.
- Keep papers and other potential combustibles at least 3 feet away from space heaters and other heat sources.
- Make sure your home has smoke alarms. Test them monthly, change batteries yearly and replace the unit every 10 years.

Outdoor safety tips

- Know what's below before you dig. Dial 8-1-1 to have the location of underground lines marked for free.
- Never touch downed power lines.
- Watch for overhead power lines every time you use a ladder, work on roofs and trees, or carry long tools or loads. Keep kites, model airplanes and metallic balloons away from power lines.
- Do not overload outdoor electrical and/or extension cords or allow them to run through water or snow on the ground.



HOME ELECTRICAL SAFETY DEVICES



AFCI breakers

and outlets protect against arc-faults which could lead to fires



Grounded outlets

protect against electric shocks



GFCI outlets

and breakers are required where water and electricity may come in contact and protect against ground faults



Surge protectors

protect against damaging power surges that can destroy electrical equipment

ENTER TO WIN

WIN \$100 FOR A PUBLISHED COVER PHOTO

We're always looking for stunning images for the cover of *Iowa Electric Cooperative Living* magazine. If we select your photo for a cover, we'll award you with \$100. The photos must be clear, of an Iowa place served by an electric cooperative and in high resolution. To be considered, email photos to editor@ieclmagazine.com with "Cover Submission" in the subject line.



REDUCING THE CARBON FOOTPRINT OF TRADITIONAL ELECTRIC GENERATION

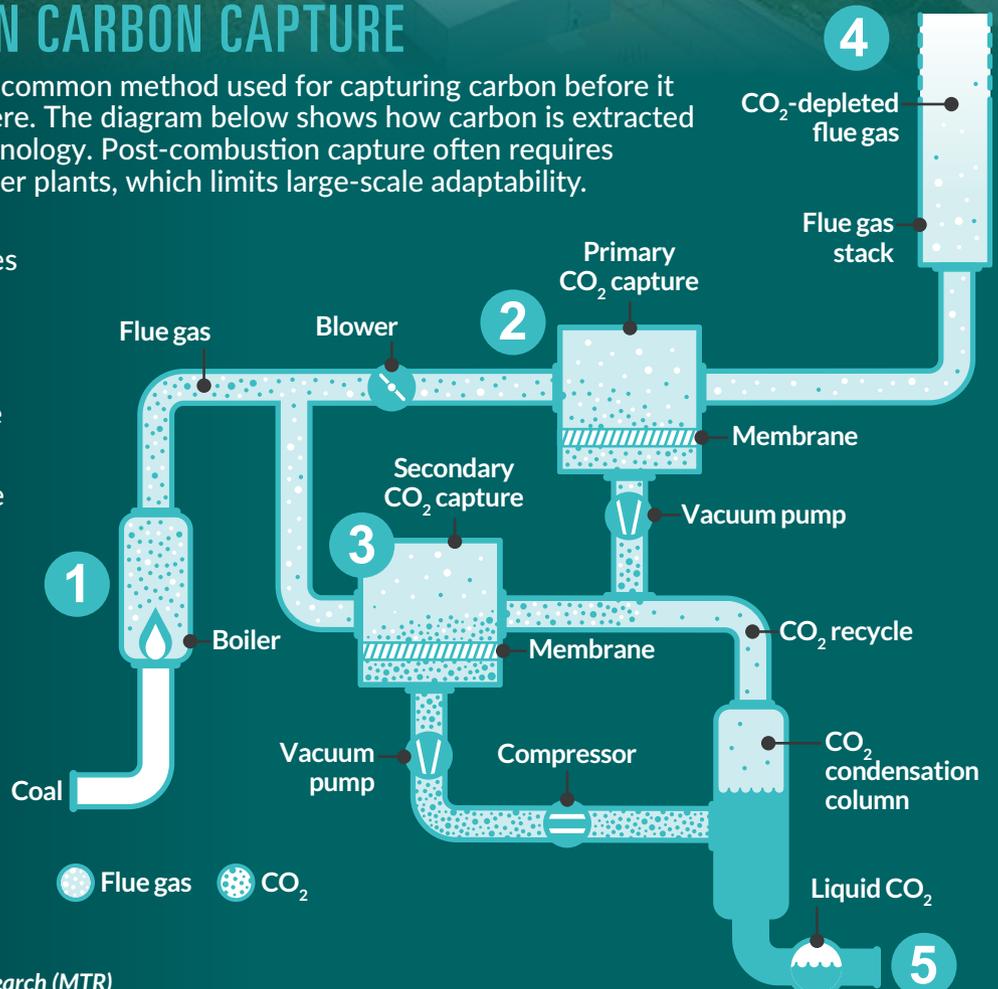
BY KATHERINE LOVING

Basin Electric Cooperative's Dry Fork Station is located near a site being developed for a large-scale carbon storage project. Basin provides power to several of Iowa's electric cooperatives.

POST-COMBUSTION CARBON CAPTURE

Post-combustion is the most common method used for capturing carbon before it is released into the atmosphere. The diagram below shows how carbon is extracted using membrane system technology. Post-combustion capture often requires expensive retrofitting of power plants, which limits large-scale adaptability.

- 1 Coal combustion creates heat, gases (including CO₂) and particulate.
- 2 Primary membrane separates CO₂ from the flue gas.
- 3 A secondary membrane further separates out CO₂.
- 4 Flue gas, with nearly all CO₂ removed, is released.
- 5 Pure, liquified CO₂ is used to create beneficial products.



Source: Membrane Technology & Research (MTR)

Providing reliable, affordable electricity is the top priority for Iowa's electric cooperatives. Co-ops and other electric utilities continue to incorporate additional energy generated from renewable sources. Still, until these technologies potentially fully mature, fossil fuels remain a part of our overall generation mix to ensure power reliability.

As the U.S. moves forward with carbon reduction goals, electric cooperatives are also looking for ways to provide clean energy and offset carbon emissions generated during power production. Capturing carbon emissions at their creation source is one of those approaches.

How carbon capture works

Carbon capture involves a series of steps that remove carbon dioxide (CO₂) from its original source to prevent it from reaching the Earth's atmosphere. During the capture step, CO₂ is removed either before or after combustion.

Post-combustion capture is the most common method used at existing power plants. After electricity is generated, the CO₂ is removed from the gas mixture found in a plant's flue. In pre-combustion capture, the fuel sources are heated with pure oxygen (or steam and oxygen) to release CO₂.

Once captured, the CO₂ is transported to its next destination. Typically, CO₂ moves as compressed gas in pipelines but can also be transported by tanker trucks or ships. Captured CO₂ can be injected into geological formations or recycled for other uses.

Carbon storage and recycling

One appeal of carbon capture is the abundance of underground natural

storage locations, such as deep aquifers, porous rock and unproductive coal mines. The U.S. Geological Service estimates the U.S. has the potential to store 3,000 metric gigatons of CO₂ – the equivalent of centuries worth of emissions.

Research on how to recycle CO₂ is ongoing, but established methods include using the gas in enhanced oil recovery, growing fish food from lab-grown bacteria that feed on CO₂ and creating carbon-negative concrete or other carbon-based materials.

Current limitations

As promising as carbon capture sounds, the costs and risks limit the technology's ability to be implemented on a larger scale. Post-combustion capture often requires expensive retrofitting of power plants. Pre-combustion capture, while more effective than post-combustion, has been limited due to the high costs of equipment and pure oxygen.

In addition to these costs, the processes require a large amount of energy. Transportation of the gas increases in cost for longer distances between the source and destination, making plants located far away from sequestration locations less feasible. Sequestration also carries the concern of CO₂ leaks, which would negate the effort to remove it from the atmosphere.

Despite these hurdles, carbon capture is seen as an important technology in reducing emissions.

Continued investment and development

In 2015, XPRIZE, a technological development competition, kicked off with the goal to award \$20 million to develop new and emerging technologies

that utilize CO₂. The competition was based on how much CO₂ was converted and the project's economic feasibility.

XPRIZE concluded in 2021, and the winning project was a carbon-negative concrete created by a team of UCLA researchers called CarbonBuilt. The research team conducted tests at Basin Electric Power Cooperative's Integrated Test Center in Wyoming to turn flue gases and fly ash into carbon-negative concrete. The process reduces the carbon emissions of concrete production and traps additional carbon long-term within the final product.

The federal government is making carbon capture a funding priority in 2022. The Infrastructure Investment and Jobs Act provides \$927 million for large, commercial-scale pilot projects as well as \$3.5 billion for six demonstration projects at coal and natural gas plants.

The Slowing CO₂ and Lowering Emissions (SCALE) Act was introduced in 2021 and provides funding to overcome expansion barriers. The SCALE Act aims to reduce costs by financing scaling projects for pipeline infrastructure, creating regional storage infrastructure and providing grants for creating products derived from large-scale capture.

Carbon capture has the potential to be an essential tool in reducing CO₂ emissions generated from fossil fuel use. When this emerging technology can be deployed on a larger scale, the future of carbon capture will look much more promising.

Katherine Loving writes on consumer and cooperative affairs for the National Rural Electric Cooperative Association, the national trade association representing more than 900 local electric cooperatives.



FAVORITE EGG

RECIPES



CELEBRATE NATIONAL
EGG MONTH!

BAKED OMELET ROLL

- 6 large eggs
 - ½ cup flour
 - 1 cup milk
 - ½ teaspoon salt
 - ¼ teaspoon pepper
 - 4 ounces cheddar cheese, shredded
 - salsa for serving if desired
- Optional toppings: fried bacon, browned onions, browned bell peppers, sausage, black olives, spinach, tomatoes, broccoli**

Line an 11x14-inch rimmed baking sheet with parchment paper (large enough piece to overlap all edges with no seams in the middle). In a large bowl, beat eggs with electric mixer until frothy. Beat in flour until smooth, then milk, salt and pepper until well-blended. Pour into the prepared pan. Ensure the mixture stays inside the parchment paper. If desired, add optional toppings. Bake at 450 degrees F for 20 minutes or until eggs are set and top is puffed and golden brown. Remove from oven, sprinkle cheese on top. Roll up from the narrow end and place seam side down on a serving plate. Cut crosswise into slices. Top with salsa if desired. Can also serve more toppings on the side. *Serves 4-6*

Cheryl Schelling • Orange City
North West Rural Electric Cooperative

SALMON QUICHE

- 1 tablespoon butter or oleo
- ⅓ cup green onions, sliced
- 4 eggs
- ½ cup milk or cream
- ¾ teaspoon salt
- ½ teaspoon paprika
- ⅛ teaspoon pepper
- 14¾ ounces canned salmon
- 6 ounces Swiss cheese, shredded
- 9-inch pie crust

In a small skillet, melt butter and sauté onions until tender-crisp. Set aside to cool. In a large bowl, combine eggs and milk, beat until smooth. Add salt, paprika, pepper and sautéed onions, mix well. Drain salmon and reserve liquid. Remove skin and flake salmon. Remove bones. If desired, bones can be crushed and added to flaked salmon for added calcium. Stir in salmon and then reserved liquid. Spread cheese in bottom of unbaked pie crust. Pour salmon mixture over the cheese. Bake at 375 degrees F for 45-50 minutes, or until a knife inserted into the middle comes out clean. Let stand 10 minutes before serving. *Serves 6-8*

Mary Witting • Keosauqua • Access Energy Cooperative

2021 ANNUAL REPORT

BY TIM MARIENAU



At Prairie Energy Cooperative (PECO), we are committed to providing safe, reliable, affordable and sustainable power to you. I want to thank all of our employees and

board of directors for their commitment to serving our members with excellence during the COVID-19 pandemic that has impacted all of us for almost two years. I also want to thank our members for your patience and grace as we adapted to many changes at the Cooperative.

One of the biggest changes to come from the last two years was to our in-person Annual Meeting of the Members. The 2020 and 2021 meetings were cancelled due to the pandemic, and we held closed business meetings for the purpose of director elections only. Those meetings were available on many social platforms for viewing. In addition, we had to cancel many member events that included county fair breakfasts, the Garner service center open house, member appreciation days and limited in-person meetings with the community and members.

Revamping in-person programs and events

Now that we are moving into a new normal and resuming activities with our membership, the board of directors and management have decided to make changes so that we can have more in-person events with our membership. Over the past two years, we have discussed and examined new ways of how to engage with our membership.

We have decided not to hold the in-

person entertainment and food portion of our annual meeting, and instead begin a new chapter hosting more frequent events with our membership throughout the year. We plan on holding member appreciation events at both the Clarion and Garner locations, as well as opportunities in other towns. These events will include “meet and greets” with employees, meals, giveaways, activities for all ages to enjoy and more. We hope by having these events in many locations throughout the year and across our service territory, more of our members will be able to attend.

The business portion of the annual meeting will still be held with some minimal changes. We will still video record the meeting and provide the ability to vote. We are working on ways to ensure any member can voice an opinion. More frequent events will provide an opportunity for members to voice any concerns.

New homebase in Clarion Industrial Park

Another big change for the cooperative in 2021 was the board’s approval to build new facilities in the Clarion Industrial Park.

The existing office and warehouse have been part of our history since Wright County REC moved from downtown Clarion in 1986. In 2001, Hancock County REC and Wright County REC merged to create PECO. The Clarion facilities have withstood many changes over the years.

Consolidating both Clarion locations in the industrial park and improving the workplace will increase efficiency as we build modern facilities. Technology will also allow us to create a more efficient, sustainable and productive workplace

for the cooperative. Downsizing from two facilities in Clarion to one will also decrease costs.

Lasting impacts of severe weather

Lastly, Mother Nature’s severe storms on Dec. 15, 2021, damaged our distribution system significantly. Tornadoes and straight-line winds took down several miles of power lines and poles across Hamilton, Hancock, Webster and Wright counties. Our crews along with our contractor, Legacy, rebuilt and restored most of the damages within 48 hours.

Crews continue to make repairs as needed well into 2022. We hope that many of these expenses will be reimbursed by Federal Emergency Management Agency after a Presidential Declaration was made in February.

The dedication our crews and staff demonstrated to restore power outages, rebuild power lines and communicate as best as we could to our membership during the storms shows our commitment to providing you with safe, reliable, affordable and sustainable power.

For 85 years, PECO has been providing members with the power they need. You can read more about what we have accomplished last year in the reports throughout this issue.

In closing, the board of directors and PECO staff want to thank you for allowing us to serve you. Although we won’t have the in-person annual meeting in June, we hope to see you at one of the many events planned in 2022. The 85th Annual Business Meeting will be held on June 1, 2022, and will be posted on PECO’s Facebook page as well as our website.

Tim Marienau is the CEO of Prairie Energy Cooperative.

2021 PRAIRIE ENERGY COOPERATIVE FACTS

Total miles of line energized:
2,090.79 miles

Patronage distributions:
\$1,584,511

Average number of meters per mile of line:
2.08 meters

Total number of members:
3,167 members

Total kWh purchased by PECO:
349,649,285 kWh

Average number of members per mile of line:
1.51 members

OPERATIONS UPDATES FROM 2021

BY BUTCH NOREM



Reliable electric service

The Average Service Availability Index (ASAI) shows your power was on nearly 99.9% of the time in 2021. This metric demonstrates that

Prairie Energy Cooperative (PECO) kept power flowing to members, even with a couple of significant storms during the year.

During severe weather in Dec. 2021, there were a large number of substation outages due to loss of transmission. Transmission lines, built to withstand heavy ice loading and straight-line winds, still incurred damage due to tornadic level windstorms. This ASAI figure includes outages due to loss of power supply from substations and outages that were preplanned with you, the member-owners. The rolling blackouts in Feb. 2021, along with the extreme wind events in December, were calculated in this index and give a good picture of how well the distribution system held up.

Productive year with material logistic challenges

PECO completed line extensions for load growth as well as replacements of older equipment per ongoing construction work plans. Line contractors and our crews performed 96 service changes, added 37 new services and retired 25. Crews also replaced, added or hardened 30.9 miles of overhead and underground line.

Considering the challenges we faced while acquiring material, 2021 was a productive year. Poles, conductors, transformers, metering equipment and more all had dramatic cost increases as well as extended lead times. The traditional theory of "Just-in-time inventory reduces cost," does not apply



in today's environment as it relates to logistics and material acquisition.

The Iowa Utility Board (IUB) and Rural Utilities Services (RUS) resumed their scheduled review of inspection and maintenance programs and your co-op received great marks. The board ensures budgets are set and will provide proper funding to ensure those programs continue and all repairs are made to keep PECO's system resilient.

Unprecedented power supply disruption event

Southwest Power Pool (SPP) is a Regional Transmission Organization (RTO). SPP oversees the bulk electric grid and wholesale power market in the central U.S. Our G&T, Corn Belt Power Cooperative receives power from SPP.

When SPP's grid is overloaded due to extreme weather conditions, like it was during storms in Feb. 2021, it makes Energy Emergency Alerts (EEA) at either a level 1, 2 or 3. Due to the unprecedented and widespread harsh cold conditions throughout the majority of SPP's region, an EEA 3 was declared, calling upon several G&Ts to curtail load to avoid an even more

severe widespread outage event, or damages to the grid.

PECO was not spared the effects of power supply disruptions. Some members were impacted by those Feb. 2021 blackouts for an hour or more on what just happened to be one of the coldest days of the year. Being a diverse cooperative, some of the commercial and industrial members with large standby generators stepped up to bring power online and curtailed demand. That helped stave off additional outages and shorten outage times of others.

In the 37 years working at PECO, this was the first time I experienced a rolling blackout situation. Your cooperative board and staff have met and worked with generation suppliers to understand how the rolling blackout occurred and what steps can be taken to prevent a future incident. Under any circumstance, your line support personnel and crews have a stake in providing and maintaining a high level of service for you, the member-owners of PECO.

Butch Norem is the Director of Operations/Engineering for Prairie Energy Cooperative.

READY TO SUPPORT YOU

BY CHAD CHAPMAN AND DARREN JOHNSON

Because Prairie Energy Cooperative (PECO) is an electric utility, you might think we encourage our members to plug in and turn on everything they can. But as a cooperative, our business model is not necessarily based upon income and revenue. We want you, our members, to make informed and energy-efficient decisions about your electric usage.

At PECO, we make you our priority when it comes to serving your electricity needs. We can assist you with choosing the right heating and cooling systems for your home. We also offer a wide range of energy efficiency rebates to help ease the burden of purchasing new appliances, replacing insulation, buying electric vehicle chargers and many other

items. If you need a new electric water heater, PECO sells energy-efficient Rheem Marathon electric water heaters exclusively to our members.

You don't have to look very hard to see that energy is a hot topic in the world today. Whether it's electric, gasoline, diesel, propane, solar or even battery storage systems, you might be on information overload! The electric industry and how it applies to you can be challenging to comprehend and can lead to a lot of questions. The team at PECO is here to assist you in answering those questions.

Please reach out to our member services department anytime you need. We look forward to helping you with your energy efficiency and electric consumption questions.



Chad Chapman



Darren Johnson

PRAIRIE ENERGY CONTINUES COMMITMENT TO COMMUNITY IN ECONOMIC DEVELOPMENT

BY TODD FOSS



Prairie Energy's goal is to provide long-term improvement in the economy, including job creation and retention, diversification of the economy, improving the skills of the rural workforce and

upgrading the public infrastructure to improve the health, safety and medical care of rural residents. This goal is accomplished through our economic development programs, which offer joint venture loan financing to provide low interest loans for business creation, location and expansion. We work with local communities and development groups to bring new businesses to our service area.

Prairie Energy, along with Corn Belt Power Cooperative, provided a combined total of \$1,000,000 through the USDA Rural Economic Development Loan and Grant (REDL&G) program to Hancock County Health System (HCHS) in October 2021.

The sizeable renovation to the first and third floors had primary focus on surgical services and the emergency department. Lab services and Senior Life Solutions were a part of the renovation as well. Goals of this project included providing a footprint that can grow and provide space for the current and targeted volumes and types of procedures, enhancing technology and building efficiencies to save time and resources.

We have already started 2022 with several inquiries in the REDL&G program and Prairie Energy looks forward in helping retain and grow our local communities and businesses within our service territory. Forever forward!



SECURITY ON THE NETWORK

BY BILL HICOK



One of the most critical things in Prairie Energy Cooperative's (PECO) business is the network connecting all our substations back to our office. We are in 11 counties

and have more than 5,000 meters. We need communications from our substations, which go from as far north as Forest City and as far south as Stratford. From north to south, our farthest meters are approximately 75 miles apart, and approximately 30 miles apart from west to east. That is a large area to successfully secure a private network!

Over the past year, PECO has improved the network security that connects our office to those



substations as well as the speed of those connections. We have also worked on improving the safety of our linemen by upgrading our GPS system to give us an accurate location of our trucks. This helps improve our outage restoration times because we can see

which truck is closest to the outage and able to respond the fastest.

We strive to keep up with ever-changing technologies while finding the balance of security to protect our network, employees and members.

MILESTONE YEARS



20 YEARS

PAT REILAND
Serviceman
Lineman



20 YEARS

CHAD CHAPMAN
Member
Services



10 YEARS

HEATHER EVJE
Record Billing
Customer Service



5 YEARS

BILL HICOK
Information
Technology Manager

REPORT OF NOMINATING COMMITTEE

The Nominating Committee of Prairie Energy Cooperative duly appointed by the Board of Directors, hereby nominates the following members of the Cooperative for the office of Director for the term specified, all to be elected at the Annual Meeting to be held June 1, 2022.

Three-year term:

(Two to Be Elected – One from Each District)

District 3:

- Allyn Waddingham
- Nina Greiman

District 7:

- Donald Christopherson

ALLYN WADDINGHAM – DISTRICT 3

Meservey



Allyn Waddingham has been a member of Prairie Energy Cooperative for the past 39 years. He joined the board of directors in June 2017.

Allyn is semi-retired and he and his wife Linda farm near Meservey in Avery Township. They have three children, Angie, Jennifer and John, and five grandchildren.

Allyn is an Iowa State University alumnus and stays active in his community. He is a member of the Thornton United Methodist Church and serves as the administrative board chairman. In his spare time, Allyn enjoys traveling, fishing and attending grandchildren's activities.

Allyn has been dedicated to ongoing education as a director, recently receiving the highest education accomplishment available from the National Rural Electric Cooperative Association, the Director Gold Credential Certificate. Allyn's goal as a director is to assist in decisions for the cooperative to maintain safe, reliable energy for the members.

NINA GREIMAN – DISTRICT 3

Garner



Nina Greiman and her husband George live in Concord township. They have one daughter, Alexis. Nina works as an industrial engineer lead at Winnebago Industries. Nina's community

activities include the Visioning Committee in Garner, being a CommunityGO leader in north Iowa for Winnebago Industries for the last four years, participating in many volunteer and charity projects, and volunteering with the Avery movie theater.

Nina enjoys traveling – she's been to more than 20 different countries and more than 40 states – gardening, mushroom hunting and cooking.

She shares: "After moving from Ukraine, I have lived in north Iowa for 21 years and have been welcomed by many friendly people. I find Iowans very open, kind and proud of their hometowns where they live.

I fell in love with this area and would like to be nominated to the board of directors so that I can give back to the community by devoting my time to help our area grow and prosper. Also, it would be a great opportunity to get to know our communities and to understand what citizens need to improve their overall lifestyle. It would be my honor to serve and represent Prairie Energy Cooperative District 3."

DONALD CHRISTOPHERSON – DISTRICT 7

Duncombe



Donald Christopherson has been a member of Prairie Energy Cooperative since returning from service in the Army in 1972. He has been a member of the board

since 1989 and is currently serving as the secretary/treasurer.

Donald and his wife Cheryl raise corn and soybeans and also have a cow/calf herd. They have two children, Sarah (Todd) Parsons and Mary (Aaron) Tank, and four grandchildren – Ollie, Oscar, Elise and Marin.

Donald is a graduate of Iowa State University and is involved in his community, serving as the council president of Washington Lutheran Church in Duncombe and is a past long-time member of the Webster County Farm Bureau Board. In his spare time, he enjoys spending time with family and friends.

Donald says his goal as a director is to make informed decisions, to provide members safe, reliable and affordable energy and to help Prairie Energy to prosper.

DATED at Clarion, Iowa, this 17th day of May 2022, and posted on the 17th day of May 2022 in the office of the above-named Cooperative.

NOTES TO THE FINANCIAL STATEMENTS:

Prairie Energy Cooperative’s financial records were audited by CliftonLarsonAllen LLP (CLA) of Rochester, Minnesota. The balance sheet and related statements of operation, member’s equity, cash flow and other financial statements are reviewed. In their opinion, “the financial statements referred to above present fairly, in all material respects, the financial position of Prairie Energy Cooperative, as of December 31, 2020, and 2021, and the results of its operations and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.” CLA presented the audited financials to the Board of Directors at its April 2022 board meeting.

Prairie Energy Cooperative’s overall year-end margin for 2021 was **\$2,890,267**. Out of that, Prairie’s operating margin was **\$790,273**. Our operating margin indicates how we are doing with revenue, power cost, operating expenses, long-term debt, depreciation, etc. The rest of the margin is recorded as non-cash:

Basin Electric Power Cooperative (our super G & T)	\$ 739,820 (non-cash)
Corn Belt Power Cooperative (our local G & T)	\$ 884,137 (cash)
Corn Belt Power Cooperative (our local G & T)	\$ 255,500 (non-cash)
Non-Operating Margins, Other Capital Credits, etc.	\$ 220,537
Operating Margin	\$ 790,273

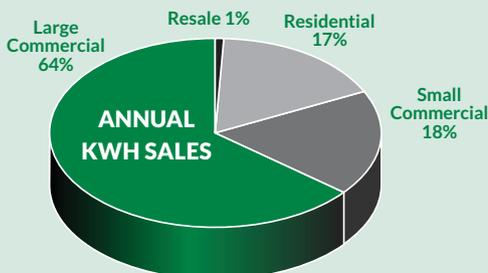
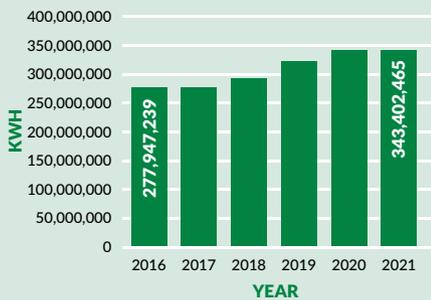
We receive dividends from Basin and Corn Belt. The two non-cash items from these two co-ops are a paper allocation where they promise to pay us in the future. When we receive these allocations, which may be up to 30 years, it will then be retired to our membership. The Directors have approved to retire to our current membership, Corn Belt’s \$884,137 in 2022 as we did receive this in 2022. You should receive a credit on your bill in the next months. Directors then allocate a portion of 2021 margins to the membership. This is a promise to pay in the future, not to exceed 15 years according to Board Policy.

Paying back patronage dividends is one of the biggest differences between a

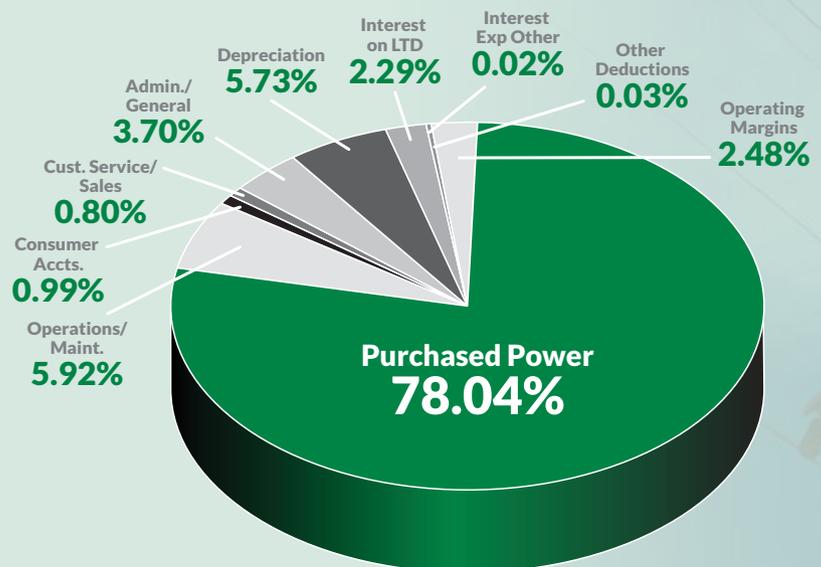
member-owned cooperative and an investor-owned utility. In 2021, Prairie Energy’s Board of Directors retired \$1,584,511 in patronage dividends to our membership:

- \$983,356 was allocated in cash to us from Corn Belt from 2020. We passed that on to the membership in May 2021 as a credit on your bill.
- \$578,392 was returned to members as checks in December 2021. This is our promise to pay you from our operating margin and non-operating margins from the 2005 and part of 2006.
- \$22,763 was retired for estates during the year.

ANNUAL KWH SALES



WHERE THE DOLLARS GO



In 2021, PECO saw increased prices for electrical material and many production/shipping delays. December 2021, Corn Belt Power, our G&T, gave us a \$365,986 marketing rebate for 2021, which we'll use in 2022 to offset expenses. The evening of December 15, 2021, the southern part of our system was hit by the tornadoes and derecho. On February 23, 2022, FEMA declared disaster assistance so we will be reimbursed part of the cost from this storm.

Our 2021 electric revenue from selling electricity was \$31,864,555 with 343,402,465 kWh sold. Power costs from those kWh's was \$24,888,252. Our peak with Corn Belt was October 2021 at 56,440 KW, but Prairie Energy's substations had high peaks June 2021 due to many warm days.

Our Willemsen Community Solar array produced 198,536 kWh for the year. The energy produced from the array goes back to the grid, which help reduce our energy costs from Corn Belt.



FINANCIALS

INCOME STATEMENT	2020	2021
Revenues		
Operating Revenue	\$31,701,761	\$31,890,772
Expenses		
Purchased Power	\$24,587,111	\$24,888,252
Operations and Maintenance	\$1,727,773	\$1,889,249
Consumer Account Expense	\$292,430	\$317,152
Sales Expense	\$260,181	\$255,012
Administrative & General	\$1,117,295	\$1,181,000
Depreciation	\$1,778,908	\$1,826,812
Interest	\$831,327	\$732,014
Other Deductions	\$8,260	\$11,008
Total Expenses	\$30,603,285	\$31,100,499
Margins Assignable		
Operating Margins	\$1,098,476	\$790,273
Non-Operating Margins	\$2,552,120	\$2,099,999
Total Margins Assignable	\$3,650,596	\$2,890,272

BALANCE SHEET	2020	2021
Assets		
Net Utility Plant	\$37,706,686	\$39,691,198
Investments	\$16,779,623	\$17,516,258
Cash & Cash Equivalents	\$3,130,918	\$4,537,497
Notes Receivable	\$2,435,797	\$2,566,671
Accounts Receivable	\$2,650,823	\$2,724,559
Materials & Supplies	\$640,128	\$930,179
Current & Accrued Assets	\$76,093	\$75,466
Deferred Debits	\$288,933	\$267,585
Total Assets	\$63,709,001	\$68,309,413
Members' Equity & Liabilities		
Equity & Margins	\$32,637,377	\$33,956,786
Long Term Debt	\$26,382,423	\$29,627,829
Notes & Accounts Payable	\$2,291,286	\$2,138,853
Other Current & Accrued Liabilities	\$2,288,707	\$2,117,919
Deferred Credits	\$109,208	\$468,026
Total Equity & Liabilities	\$63,709,001	\$68,309,413

PRAIRIE ENERGY BOARD OF DIRECTORS



Ted Hall, Forest City
District 1

Townships: Crystal, Ellington, Fertile, Forest, German, Grant 150, Grant 174, Linden, Madison and Mount Valley



Scott Hasty, Kanawha
District 4

Townships: Amsterdam, Belmont, Boone 250, Grant 272, Lake, Laverne, Liberty 270, Magor and Norway



Donald Christopherson, Duncombe
District 7

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Ryan Eekhoff, Britt
District 2

Townships: Bingham, Boone, Britt, Buffalo, Erin, Garfield, Liberty, Prairie, Orthel and Wesley



Marion Denger, Dows
District 5

Townships: Alden, Blaine, Blairsburg, Iowa, Lincoln, Morgan, Oakland, Scott, Vernon, Wall Lake and Williams



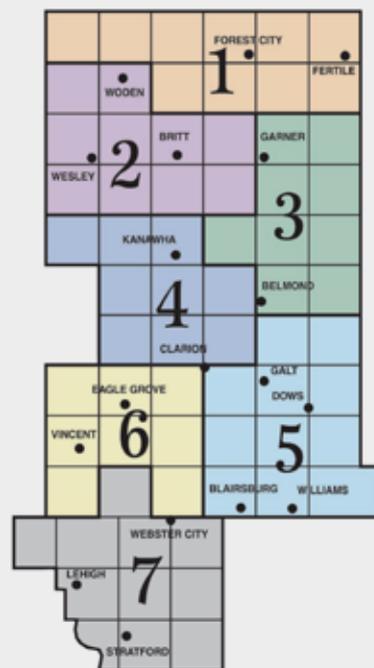
Allyn Waddingham, Meservey
District 3

Townships: Avery, Clear Lake 194, Concord, Ell, Grimes, Pleasant, Twin Lakes, Union and Wisner



Joshua Amonson, Woolstock
District 6

Townships: Cass, Colfax, Eagle Grove, Dayton, Newark, Norway 289, Troy and Woolstock



Your Board of Directors, Leadership Team and Employees are looking forward to 2022 with our continued growth and serving our member-consumers. We have a high level of dedication and commitment to you. We are proud to serve you every day.

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EXPIRES AUGUST 31, 2022

Not redeemable for cash. Redemption value not to exceed \$50.

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The power of human connections.



No duplicates will be issued.

IMPOSSIBLE QUICHE

- ½ pound bacon, ham or sausage, cooked and drained
- 1 cup cheddar cheese, shredded
- 1 tablespoon dry onion
- 3 eggs
- ¾ cup Bisquick
- 1½ cups milk
- ¼ teaspoon pepper
- ¼ teaspoon dry mustard
- ¼ teaspoon dill weed

Sprinkle meat, cheese and onion into a greased 8-inch pie plate. Blend remaining ingredients until smooth. Pour over cheese mixture. Bake at 400 degrees F for 30 minutes until brown and a knife comes out clean. Let stand for five minutes. *Serves 4-6*

**Veronica (Ronnie) Heun • Duncombe
Prairie Energy Cooperative**

PEACH OVERNIGHT EGG/FRENCH BREAD BAKE

- 1 stick butter
- 1 cup brown sugar
- 3 tablespoons water
- 2 large cans sliced peaches, drained
- 8-10 slices French bread
- 5 eggs
- 1½ cups milk
- cinnamon sugar

Boil butter, brown sugar and water for seven minutes. Pour into 9x13-inch pan and top with peaches. Add a layer of French bread slices. Mix eggs with milk then pour over bread. Cover and refrigerate overnight. Let sit out at least 30 minutes before baking. Sprinkle with cinnamon sugar and bake covered at 350 degrees F for 30 minutes. Remove lid and bake 30 minutes more. *Serves 12-15*

**Ruthann Murphy • Dougherty
Franklin Rural Electric Cooperative**

GOLDEN EGG CASSEROLE

- 10 eggs
- 2½ cups milk
- 2 cups frozen shredded hash browns
- 8 ounces cheese, shredded
- 1 pound sausage, cooked and drained, or cooked ham, cubed

Whisk the eggs and milk. Add hash browns, shredded cheese and cooked sausage or ham. Pour into a greased 9x13-inch baking dish. Bake uncovered at 350 degrees F for 40 minutes when the egg casserole will be golden brown. Casserole can be served for breakfast, brunch or an evening meal. *Serves 12*

**Twyla Godbersen • Arthur
North West Rural Electric Cooperative**

CRESCENT ROLL EGG CASSEROLE

- 2 cans crescent rolls
- 1 pound sausage, browned and drained
- 2 8-ounce packages Monterey Jack cheese, cut into ½-inch cubes
- ¾ teaspoon salt
- ¾ teaspoon pepper
- 2 tablespoons Parmesan cheese
- 4 eggs, slightly beaten

Press one can of crescent rolls in the bottom of a greased 9x13-inch pan. Put sausage on crust (can substitute 24 ounces of small smokies). Place cheese cubes on top of meat. Mix salt, pepper, Parmesan cheese and eggs. Pour over cubed cheese and meat. Cut one can of crescent rolls into strips and arrange in latticework on top. Bake at 350 degrees F for 30-40 minutes, until knife inserted comes out clean. Let sit a few minutes before cutting.

**Leora Van Middendorp • Rock Rapids
Lyon Rural Electric Cooperative**

EGG CUCUMBER SALAD

- 6 hard-boiled eggs
- 1 small cucumber
- 3-4 scallions
- 1 teaspoon fresh dill
- 1-2 teaspoons mayonnaise
- salt and pepper, to taste

Finely chop eggs, cucumber, scallions and dill. Combine all ingredients. Enjoy on a slice of bread or as a side salad.

Nina Greiman • Garner • Prairie Energy Cooperative

WANTED:

FAVORITE FAMILY DINNER RECIPES

THE REWARD:

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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.**

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HOUSE HUNTERS: GETTING THE MOST FOR YOUR HOME

BY LES O'DELL

Across the nation, the real estate market has been red-hot with demand for homes exceeding supply and, in many areas, homes selling faster and for more money than ever before. Even in cases where sellers anticipate numerous offers and a quick sale, they still benefit from efforts to get the highest selling price possible.

"I think there are a lot of sellers who overlook trying to get the most money for their home. Even in a hyperactive market, you still should try to get top dollar," explains Jason Gelios, author of "Think Like a Realtor."

There are many ways to help a home sell quickly and for top dollar. A little bit of effort can translate into a better buyer experience and a higher selling price.

Change your perspective

"When selling, it is best to stop thinking of it as 'your home' and more like a product with the goal of appealing to as many prospective buyers as possible," says Jonathan Faccone, a real estate

investor and developer. "It's easy to become emotionally involved, but it's best to remember that any renovations are meant to net you the most money, not for your own personal satisfaction."

Experts say it benefits the seller to have someone else provide feedback about your home.

"One of the best things a homeowner can do when looking to sell is to invite a non-partial, third-party to give their honest opinion about the house," Gelios says. "Get someone who is not afraid to tell the truth, walk the home and give their impressions."

Upgrade to sell

To get the most for your home, upgrades may be in order. But how do you decide what to renovate and how much to spend? Real estate investor Jordan Fulmer says market research is as important for sellers as it is for buyers.

Jason Gelios, author of "Think Like a Realtor," talks with a family about potentially putting their home on the real estate market. Gelios says some basic investments before listing a home can provide a large return.

"Look at the houses in your area – essentially your competition – and see what kind of features and finishes they have," he says. "Good research will help sellers not only decide what to do, but also not to over-do renovations and improvements."

Almost without exception, real estate professionals say sellers should primarily focus on two areas: the kitchen and bathrooms, but especially the kitchen.

"Home sellers should make the kitchen top priority," Gelios explains. "As the heart of the home, sellers should make updates to the cabinet



hardware, lighting fixtures and even update appliances. This will not only bring the best offer from a home buyer, but it will also lead to a faster sale.”

Neutral colors – shades of white, beige and gray – are best for kitchens, and you should avoid bright colors. If upgrading appliances and fixtures, don’t invest in luxury items. Changing cabinet knobs, putting in under-cabinet lights and other little things that are inexpensive make everything look new and make the house easier to sell.

Make a strong impression outside

Many experts say to initially focus on what potential buyers see first. Whether in-person or online, a home must capture attention. Known as curb appeal, the general attractiveness of a house from the street or the sidewalk is a priority.

Fulmer says the way a home looks when a prospective buyer arrives sets a precedent for the rest of their visit. Often homes need to be power washed or freshly painted. At minimum, give the front door a touch-up.

Don’t ignore the top of the home, Fulmer adds. If the roof is still in good condition, he recommends having it professionally power washed to remove any streaks or stains and make it look almost new.

Likewise, improving the looks of the front of your home without paying

attention to the rest of the property is akin to only ironing the collar and cuffs of a shirt. The backyard, outbuildings, decks and patios need to look their best and can be attractive to potential buyers, as a way of bringing the inside outside.

Declutter and deep clean inside

The initial impact when someone enters a home may be the only impression they take away with them. For that reason, brokers encourage decluttering, deep cleaning and home staging.

“This isn’t a costly investment, but it requires time and effort,” explains Chase Michels, a realtor in the Midwest. “A cluttered house will make a large room appear small and cramped. Cleaning and decluttering your home could help you see up to a \$2,000 price increase.”

Decluttering means more than shoving items in a closet. Instead, move personal items like photo albums, collections and even out-of-season clothes off-site. Then, the home needs to be cleaned.

Sellers should strive to present the home in its best light for listing photos as well. An estimated 80% of home shoppers review properties online before looking in person. For that reason, it’s best practice for all photographs used in marketing the property be professionally done.

Many recommend using the services of a home stager, a professional who can make a property look “picture perfect” through consultations with residents or by bringing in furniture to make an empty house look like a home.

Help buyers feel at home

The goal is to help house hunters feel welcome so they can imagine themselves living in the home.

“Fragrances are important. We always recommend a vanilla scent,” Fulmer says. “Also consider having refreshments available. Whether it be drinks or a self-serve coffee station, small gestures can make potential buyers’ viewing experience more enjoyable. The more comfortable they feel, the more they will want to live there and the more they will be willing to pay for it.”

Letting buyers know “inside” information also is important – things like what internet service is available, if there is hardwood under the carpet and which walls are non-load bearing and potentially could be removed as part of future remodel.

Taking the right steps to prepare a home for sale can make a big difference in how quickly the home attracts buyers and how much they are willing to pay. It takes some work but is worth it.



CURB APPEAL

BY LES O'DELL

The old adage that “there is not a second chance to make a first impression” is true not only for people, but for homes, too. That’s why the way a house looks from the road or street – often called curb appeal – is especially important.

“You must invest a little to make your home flawless in the buyers’ eyes,” explains Dan Belcher, CEO of Mortgage Relief. “Consider first and foremost the curb appeal. Upgrading the front door, installing new light fittings or adding plants can make it more enticing to potential purchasers.”

Simple landscaping pays off

Curb appeal, especially when it comes to landscaping, does not have to be complicated, according to Sheila Schrader of Schrader Landscape Design.

“When I am working with a client who knows they are selling their home, I actually encourage them to simplify their landscaping and make sure that it looks like it’s easy to maintain,” she says.

Schrader recommends choosing plants that have their peak bloom or color when the house is going onto the market. There are also curb-appeal benefits to putting plants in decorative containers near the front door and along sidewalks.

“It’s bright and an easy investment to bring color into your landscape. Plus, you can take those with you when you move to your new home,” she says.

Schrader said the outdoor areas of the home should be staged just like the interior. She suggests cleaning up gardens and flower beds and adding new cushions to outdoor furniture to help people picture themselves in the landscape.

Lawncare shouldn’t scare

Jason Gelios, author of “Think Like a Realtor,” agrees that curb appeal – from the lawn to the way the home’s exterior looks – is incredibly important.



“If home buyers pull up to a house and feel it will take thousands of dollars to clean up a yard or remove branches and dead trees in the backyard, they’re not going to care if the inside of the house is updated,” he explains. “Landscaping is huge, especially in rural areas.”

He adds that curb appeal does not just mean what can be seen from the road, street or sidewalk; it’s the entire property.

“It’s the front, it’s the back, it’s any out-buildings, it’s everything. It all matters,” he says.

Paint makes a cost-effective upgrade

Chase Michels, a real estate consultant,

explains paint is a great investment to enhance curb appeal.

“Painting the exterior is a cost-effective upgrade for a home that can potentially increase the value of your home by 2-5%,” he says. “Selecting the right paint will give your home a clean look, attract a wide range of buyers and help improve its value.”

Michels suggests neutral colors like white or cream for the exterior and using a color for railings, trim and accents for a fresh look.

“Even if you decide against a complete paint project, consider painting the door an eye-catching color to make a great first impression,” he adds.

CO-OP CEO TO CONGRESS: DIVERSE ENERGY MIX CRUCIAL TO RELIABLE POWER

BY ERIN KELLY, NRECA

Electric cooperatives are increasing their investment in renewable energy, but baseload resources like coal and natural gas must continue to be part of the mix to ensure reliable, affordable power for rural America, the leader of Central Iowa Power Cooperative (CIPCO) told a House panel April 5.

“As we look to the future, intermittent resources, such as wind and solar, must continue to be complemented and supported by always-available baseload energy resources like coal and natural gas,” stated Bill Cherrier, executive vice president and CEO of the generation and transmission co-op, in his testimony before the House Agriculture Committee. “System reliability depends on the ability to blend intermittent sources like wind and solar with firm, flexible and dispatchable electric capacity.”

CIPCO, which serves nearly 300,000 residents and more than 13,000 commercial and industrial accounts across Iowa, has a diverse portfolio that includes wind, solar, hydropower, landfill gas, natural gas, coal and purchases on the market.

“CIPCO’s generation portfolio has evolved significantly, with wind growing from 4.1% in 2010 to 29.9% in 2021 and coal dropping from 58.4% to 29.3% during that same time period,” Cherrier said at a hearing reviewing the 2018 Farm Bill’s impact on renewable energy opportunities in rural America.

Moving ahead, the co-op recently deployed the 100 MW_{AC} Wapello Solar, LLC, and the 54 MW Independence Wind power purchase agreements and is moving forward on an additional 100 MW_{AC} solar project in eastern Iowa. At the same time, CIPCO recently invested \$85 million in its existing Summit Lake Generating Station near Creston, adding efficient reciprocating natural gas engines to serve peak



Bill Cherrier testifies before the U.S. House Agriculture Committee on April 5.

electric demand, Cherrier said.

“This investment complements our intermittent wind and solar resources while ensuring the baseload generation necessary to meet the 24/7 power needs of Iowans and businesses in CIPCO’s service territory,” he added.

As co-ops seek to add more renewable energy, it’s “critical that policymakers work constructively with industry to achieve these objectives while maintaining the exceptional reliability and affordability that American families and businesses expect and deserve,” Cherrier said.

He urged Congress to approve direct federal payments to co-ops to put them on a more equal footing with for-profit utilities, which have long received tax incentives to invest in renewable energy projects. At present, co-ops cannot access those incentives because they do not pay federal income taxes.

“The federal tax-credit structure prevents not-for-profit electric cooperatives like CIPCO from taking advantage of the tax benefit to directly build and own wind and solar generation assets,” Cherrier testified. “For cooperatives to reap any benefit for this transition, we must work with

third parties that develop and own these assets.

“Direct-pay tax incentives would level the playing field for all electric providers, allowing co-op-member systems and member-owners down the line to have equal access to a diverse power supply mix,” he added.

Cherrier also urged Congress to boost rural America’s economy by passing legislation to allow electric cooperatives to refinance federal Rural Utilities Service (RUS) loans at lower interest rates without penalty.

The National Rural Electric Cooperative Association, of which CIPCO is a member, is calling on lawmakers to approve the Flexible Financing for Rural America Act, which permits co-ops to refinance their RUS electric loans without facing costly prepayment penalties. An average co-op with typical RUS debt could save \$2 million per year in interest payments at today’s interest rates.

“This essential step will give co-ops the flexibility to best manage their financial circumstances while focusing on cooperatives’ long-term stability and that of the communities they serve,” Cherrier said.

CREATE A POLLINATOR HABIT IN 5 EASY STEPS

BY ANN FOSTER THELEN

This spring, make a positive impact on the environment and beautify your landscape by planting a pollinator habitat.

The flash of a colorful butterfly and the buzz of a bumblebee traveling between flowers bring extra beauty and enjoyment to gardens. Planning your garden or landscape to include plants that attract and sustain butterflies, bees and other beneficial insects will increase the diversity of what you see and enjoy. You will also be doing your part to help preserve butterflies, honeybees and pollinators threatened and in decline.

Pollinators help plants reproduce by carrying pollen from one flower to another and can include bats and birds, but most importantly, bees and butterflies.

Pollinators are vital to creating and maintaining the habitats and ecosystems that many animals rely on for food and shelter while facilitating reproduction in 90% of the world's flowering plants.

Without pollination, we would not have the grains, fruits, nuts and vegetables that comprise more than one-third of global food production.

With these five easy steps, you can create a haven for pollinators and have your yard buzzing with activity!

STEP 1 Pick your location

Butterflies and other pollinators like to bask in the sun and some of their favorite wildflowers grow best in full or partial sun with some protection from the wind. The size of your pollinator habitat will depend on how much of your yard you want to devote to growing these beneficial plants. Even a small space can have a big impact on pollinators!

STEP 2 Know your soil type and sunny hours

The soil type and the amount of sunlight it gets will help determine the



Through the Iowa Monarch Conservation Consortium (monarch.ent.iastate.edu), electric cooperatives are working to restore declining populations of the monarch butterfly. You can help, too, by planting a pollinator habitat!



plants you can grow. Your local garden center or nursery can provide tips on the best plants for your property.

STEP 3 Choose your plants

Pick varieties of milkweed (Monarch caterpillars feed exclusively on the leaves of milkweed, the only host plant for this iconic butterfly species) and wildflowers native to Iowa. Focus on selecting perennials to ensure your plants come back each year and don't require much maintenance. Remember, pollinators need nectar in the spring, throughout the summer and even into the fall. Choosing plants that bloom at different times will help you create a bright and colorful garden that you and pollinators will love for months!

STEP 4 Prep and plant

From converting spaces of your yard to raised flowers beds, think of a pollinator habitat as a canvas for creating. Plant flowers in clumps rather than single plants. Add nutrient-rich compost or soil to improve the success of your garden.

STEP 5 Wait, watch, water and weed

Butterflies and other pollinators will soon flutter into the garden as plants develop and flowers bloom. Weeding and watering your garden will keep it healthy. Keep in mind that milkweed may take a couple of seasons to start producing flowers.

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

ENTERTAINMENT FALLS SHORT

BY VALERIE VAN KOOTEN

I admit to having more than a few channel choices on my television. When you hear that someone has more than 500 channels at their disposal, your first thought may be, “She needs to get a life.” Your second thought may be, “I’ll bet she has lots of great options for her television viewing pleasure!” You would be wrong.

Just keep flipping

Despite the plethora of channels laid out before me, very few offer any quality entertainment. I scroll through “Make your tomatoes the largest they’ve ever been,” and “Watch our demonstration of the world’s best vacuum cleaner, the Suck-It,” or whatever. Having to sit and watch a half hour of these shows rates right up there with a root canal and cleaning out the fridge. On the same day. Even when you take out all the shopping channels (which clears out a lot of them), there’s a dearth of anything I want to watch. Just the descriptions of each show can keep me flipping for 20 minutes:

- *“In the world of 2050, alien pods take over unsuspecting citizen homes ...”* Nope.
- *“Investigators work on a case of a murder so grotesque ...”* Next channel.
- *“Lisa finds out her boyfriend has another family on the side ...”* Seriously?

Turn up the volume

Even these aren’t as bad as a type of show I loathe above all others: The Whispering Show. You’ll find it in golf, which no one in our household watches. But you also find this phenomenon on hunting shows, of which my husband Kent binges with abandon.

The setting is usually a tree stand, or a couple of guys sitting in a blind or behind a big rock. I’m never sure if someone is actually filming them or if they have the camera set up so that



they’re filming themselves.

What makes it even more bizarre is that these folks have tromped through underbrush for the past 10 minutes, scaring away anything that remotely resembles prey. But once they get into position, it starts ... (Insert loud whispering here, only half of which you can understand.)

Guy 1: “Did you see that?”

Guy 2: “What?”

Guy 1: “Did you see that buck?”

Guy 2: “What?”

Guy 1: “Over there; he’s looking at us!”

Guy 2: “What?”

Guy 1: “Wait, I have to adjust the camera. Are we downwind? How many

points do you think he is? Is it the same one we saw last month? Are you ready? Can you see him? Can we get a shot off?”

Guy 2: “What?”

This will go on for the better part of an hour, and most of the time the deer has little to worry about. Watching this painful spectacle is about as exciting as a curling match. But I still know plenty of people who are glued to them.

So, my quest for quality television continues. I just might have to settle for growing bigger tomatoes.

Valerie Van Kooten is a writer from Pella who loves living in the country and telling its stories. She and her husband Kent have three married sons, two incredibly adorable grandsons and a lovely granddaughter.



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