

enchantment

The Voice of New Mexico's
Rural Electric Cooperatives

FARMERS' ELECTRIC
COOPERATIVE

OCTOBER 2022



HOLE-IN-THE-WALL GANG

Driving Cattle

Butch Cassidy, the Sundance Kid
and the Hole-in-the-Wall Gang
trailed cattle in Magdalena

The Hole-in-the-Wall Gang, from left: Sundance
Kid, Bill Carver, Ben Kilpatrick, Harvey Logan and
Butch Cassidy. PHOTO COURTESY OF JOHN SWARTZ,
SAN ANTONIO, TEXAS, 1900

Gallup-McKinley County Schools STRATEGIC PLAN

ELEVATE 2025



Our Vision

Excellence in educating our students to become self-reliant, productive citizens in a multicultural society.

Our Mission

Preparing our students for success. We empower and develop our students through improving academic knowledge, promoting essential skills and positive character traits, providing safe and healthy learning environments, and creating strong partnerships among parents, colleges and the business community.

GOALS AND KEY OBJECTIVES

Our Values

Our values lie at the core of our work. They inform our teaching, our philosophy of leadership, and our relationships with the students and the communities we serve.

The Whole Child – We address the whole child, understanding that there are many factors – both within and outside the school setting – affecting learning, achievement, life success and overall student well-being.

Cultural Diversity – We recognize that we serve and operate within a uniquely diverse community in which multiple cultures co-exist. It is our obligation and desire to embrace and include in the curriculum the diverse cultures, histories and languages of our community.

Excellence – We are committed to fostering a learning culture, centered on the pursuit of excellence in all aspects of the educational mission.

Prosperity – We are committed to fostering positive attitudes and behaviors aligned with personal success, self-sufficiency and service to one's community.

Community Engagement – We value the engagement of community members and stakeholders as partners to raise up new generations of healthy, productive and successful citizens.

Equity, Equality and Access – We are committed to providing consistent excellent instruction, quality learning environments and supportive services for all students and their families.

STRATEGIC GOALS FOR EXCELLENCE

The Strategic Goals represent the four most critical priorities for positive change and improvement in the District over the next 3 years. Each goal statement gives general direction and focus to our work.

- **Goal #1: Increase Student Success**
Strengthen academic performance & student engagement.
- **Goal #2: Create Career Pathways**
Connect student learning to their career goals.
- **Goal #3: Empower Our Team**
Develop & support employees to grow professionally within the District.
- **Goal #4: Strengthen Partnerships**
Expand community partnerships to support & educate our students.

OBJECTIVE	INTENDED RESULTS	*MEASURE **GOAL	COMMITMENT TO GMCS COMMUNITY
Improve Student Academic Achievement	Improve core state proficiency scores	*Proficiency growth **Retain status in the top 3 of largest 10 school districts as determined by proficiency growth	Ensure students are staying on-track with grade-level academic performance.
Improve Student Attendance	Increase in the number of students participating in learning	*Student attendance rate **Increase from 74.79% to 95%	Ensure students are receiving quality in-person instruction to facilitate Academic Achievement.
Improve Graduation Rates	Increase the number of students graduating from high school in 4 years	*4 year graduation rate **Increase from 77.2% to 83%	Ensure students are on-track to graduate on time, prepared, and ready for post-graduation success.
Improve Career Pathways	Prepare students for post-graduation success, including educational opportunities and ability to enter the workforce after high school	A: # of HS students participating in a career pathway per year **Increase from 94% to 100% B: # of students participating in an internship **Increase from 25 per year to 200 per year	Ensure students are receiving real-life experiences to facilitate College, Career and Civic readiness after graduation.
Improve Parent Engagement	Increase parental participation in students learning	*2 Conferences with parents conducted by schools per year **Increase from 68.2% to 100%	Parents are our students first teachers. Ensure parent's are informed about their student's achievements, progress and needs.

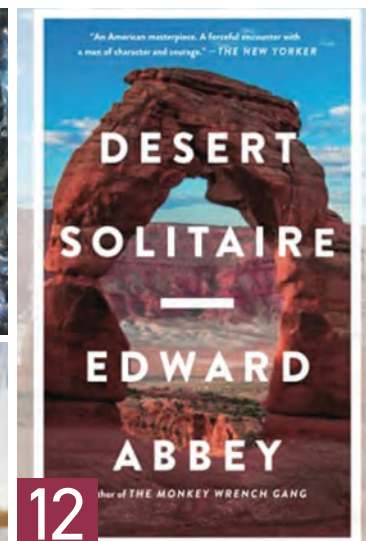
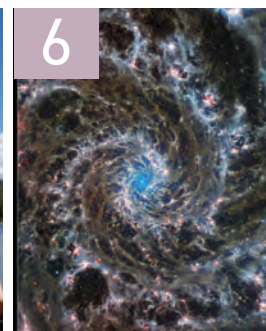
FALL BREAK

OCT 13-14 NO SCHOOL

October
2022

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We live in the Land of Enchantment ...

We are *enchantment!*

Enchanted Journeys

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Edgewood Middle School

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For more information, call:
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Congratulations

to Michael Costa and his grandkids Lyla and Ethan Costa, who took their July *enchantment* with them while enjoying some summer fun at Haviland Lake, Colorado.

Jemez Mountains Electric Cooperative member Michael Costa wins \$20!



enchantment

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THE NEW MEXICO RURAL ELECTRIC COOPERATIVE ASSOCIATION provides legislative and educational services to the cooperatives that are members of the association and deliver electric power to New Mexico's rural areas and small communities. The mission of the New Mexico Rural Electric Cooperative Association is to strengthen, support, unify and represent cooperative member interests at the local, state and national levels. Each cooperative has a representative on the association's board of directors, which controls the editorial content and advertising policy of *enchantment* through its Publications Committee.

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view from enchantment

By Keven J. Groenewold, CEO

New Mexico Rural Electric Cooperative Association



Many Ways to Stay Connected With You

It's co-op month again—an annual opportunity to celebrate the unique cooperative business model. Since a small group of weavers founded a co-op in Rochdale, England, 178 years ago, the idea of people joining together to pursue shared business interests has been adopted around the world.

When electric co-ops began forming more than 80 years ago, most people found out about it at their local general store, visiting with neighbors after church or at a community social event. That was social networking in the 1930s and 1940s.

Today, social networking has a far different look. Many of today's local cafes and coffee shops are internet hot spots. Inside, you will find people drinking coffee or having a bite to eat, much as our grandparents did. However, the conversations take place in quite different ways. Many tables have one or two people sitting in silence, focused on their laptops or smart devices.

They converse with friends from across town, across the state, across the country or even around the world. These conversations may be group discussions or one-on-one exchanges happening simultaneously. This is how our younger members choose to communicate. They only require an internet connection to access the World Wide Web.

The tools are Facebook, Instagram, Snapchat, Twitter, YouTube and many others. The forms of communication are posts, tweets, blogs and instant messages. Every element of our society is becoming part of this newest wave. From elected officials to candidates for office to the local PTA—all are networking through this new medium.

These forms of communication are something we need to understand if we plan to stay in touch with the next generation of members and each other. There are more than 190 million Facebook

users in the U.S. alone—15.7% are between the ages of 18 and 24; 26.3% are 25 to 34; and 18.3% are 35 to 44.

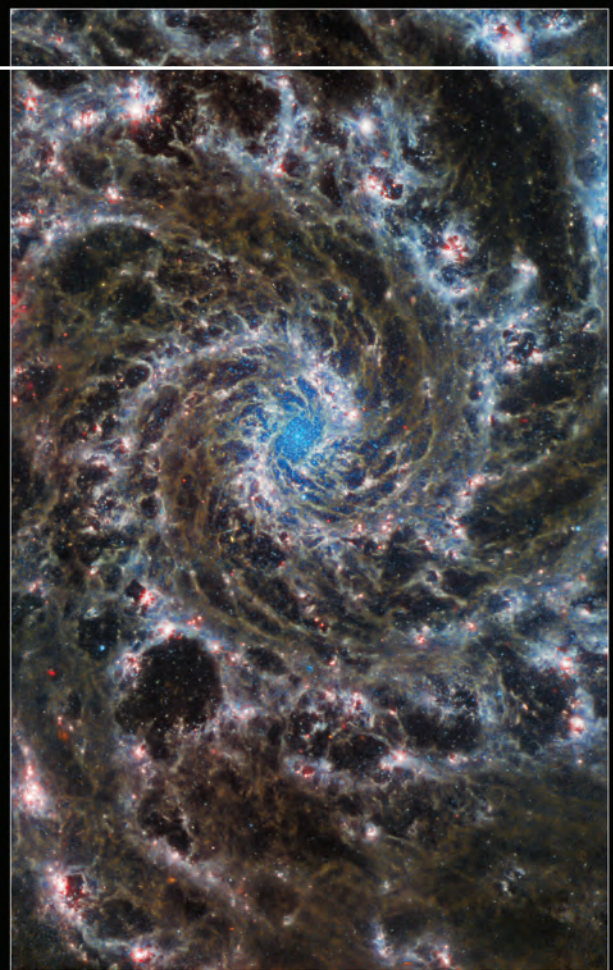
It is human nature to want to be heard. Co-op members have a right of ownership to be heard. Therefore, communication is critical for member-owned cooperatives. We must be able to field inquiries, answer questions and address concerns in the forms of media our members choose and use. In the past, having bilingual employees was among the most important factors in communication, but now more than ever, co-ops also need to plug into these media platforms.

The downside of not staying current with these new forums is miscommunication. Questions will be asked, and if we are not there to answer, they could be answered by someone else.

There are also opportunities. Social media can keep members informed about emergency or planned power outages. They also help us share exciting news about New Mexico's cooperatives, such as the commitment from Tri-State Generation and Transmission Association and Western Farmers Electric Cooperative to deliver to their members 50% renewable energy by 2024.

After all, many devices used to stay connected do not need to be plugged into a wall. Co-ops can explore ways to make operations more efficient using new technologies. This may be a new way to get educational and safety information to more people.

However a co-op decides to use these new tools, we must remember what has made us special through time is the personal touch. We cannot forget that. But there should be room to embrace and balance these latest ideas. Be on the lookout for a larger presence from co-ops in the digital world. 📧



Hubble Space Telescope, left, and Webb Space Telescope images of the galaxy M74 located in the constellation Pisces, now high in our nighttime sky during the evening hours. Hubble is primarily sensitive to “visible light” and its image shows stars and hot gas, whereas Webb is sensitive to infrared light and its image shows dust. Images courtesy NASA and ESA. PHOTOS COURTESY OF NASA AND ESA

A Month of Evening Events

Our solar system's two largest worlds, Jupiter and Saturn, are well-placed for viewing during the evening hours this month. Saturn is highest above the horizon about an hour after the end of dusk, while the brighter Jupiter—having been at “opposition,” i.e., directly opposite the sun in the sky, late last month—is similarly located about 2½ hours later.


The Red Planet, Mars, is also relatively well-placed this month, rising in the east one to two hours after the end of dusk and being highest above the horizon an hour or so before the beginning of dawn. Mars is at opposition in early December and will continue to grow brighter and more prominent in our nighttime sky as we approach

that time.

Venus, which has shone brilliantly in our morning for most of this year, has disappeared into the dawn and is now on the far side of the sun from Earth. We still have one planet in our dawn sky, however, as Mercury will be visible low in the east during the first half of October. Later this month, on the morning of October 24, the very thin crescent moon “occults,” or passes directly in front of Mercury. However, this event takes place after sunrise, as seen from our part of the world.

The Orionid meteor shower, which comes from debris from Halley's Comet, peaks on Thursday night and Friday morning, October 20-21. At their best, the Orionids

can produce up to about 20 meteors per hour. One other event taking place this month occurs October 25, when a partial solar eclipse will be visible from most of Europe as well as western Asia and north-eastern Africa. Our part of the world gets its own solar eclipse just less than a year later.

During the crisp, clear nights of October, the Milky Way, the plane of our galaxy, is visible high in our northern sky during the evening hours. As we look southward, we are looking away from our galaxy into intergalactic space, and here we find numerous other galaxies, many of which are at least somewhat like our own. Quite a few of these galaxies can be detected with relatively small backyard telescopes. 

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ENERGY VAMPIRES WORD SCRAMBLE

Energy vampires could be lurking in your home! These are electronic devices that consume energy even when they're not being used.

Unscramble the **bolded** words to identify common energy vampires. Check your work in the answer key below.



When you're finished playing that new video game, unplug your **eagm oncloes**.



Tell your parents to unplug the **efcfeo kmrea** when they're finished brewing.



When you're done watching your favorite show, unplug the **seotnivile**.



If your phone is juiced up, unplug your **nophe rahrgce**.

Answer key: game console, coffee maker, television, phone charger

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Insulation Made Easy

Q: What cost-effective improvements will make my home comfortable year-round?

A: It isn't pretty, but insulation and air sealing can save you money and make a big difference in comfort and energy use.

Insulation Rating

Insulation is rated in R-value. The R stands for resistance to heat transfer. The higher your R-value, the slower the heat transfer—meaning less wasted energy.

There are different types of insulation, including fiberglass batts, blown fiberglass, cellulose and foam. Each has its own R-value listed on the packaging.

To determine the R-value of your existing insulation, multiply the number of inches deep by the R-value per inch for the type of insulation.

Recommended insulation levels are based on your geographic location.

Where to Insulate

The typical locations for insulation are the attic, walls and floor. If you have a forced-air heating or cooling system, your ductwork should be insulated, too. You want a consistent thermal barrier around your home for maximum efficiency.

Attic insulation minimizes energy waste and can help maintain a more consistent temperature throughout your home. Combined with air sealing, it also can prevent ice

dams from forming on roofs in cold climates.

Attics can be insulated using batts or blown-in insulation. Recommend R-values range from R-30 to R-60.

You can build a raised platform for attic storage with room for insulation underneath. Add insulation and weatherstripping to access doors or hatches.

Exterior walls and walls separating heated and unheated areas of the home—such as garages or enclosed porches—should be insulated to an R-value ranging from R-13 to R-21, based on your location and wall construction.

Wall insulation can be installed during construction or a remodel. If your home wasn't insulated when it was built, you can have the insulation blown in by a contractor. Blown-in options include cellulose, fiberglass and foam.

Your home should be insulated between the floor and crawlspace or unheated basement. If your basement is heated, install insulation in the box sills—the area between the foundation and floor of the home's main level.

Consider building and insulating the exterior walls in the basement or installing foam insulation on foundation walls. Check your local building code requirements. Recommended R-values for floor insulation range from R-13 to R-30, based on your geography.

Insulate heating and cooling ductwork in unconditioned spaces to prevent energy waste.



A contractor installs blown cellulose insulation in an attic to minimize energy waste. PHOTO COURTESY OF PROJECT HOME

The Importance of Air Sealing

Think of insulation as a cozy sweater and air sealing as a windbreaker for your home.

You know that cozy sweater is no match for winter winds, so you need an extra layer to stop them from ripping through. The same goes for your home.

Air sealing prevents drafts and air infiltration from outside. It can improve efficiency, comfort and indoor air quality.

Air sealing can be done as a do-it-yourself project, but finding and properly sealing air leaks is challenging. Check with your utility or hire a contractor to complete a home blower door test and seal leaks.

Typically, air sealing is done around plumbing and electrical penetrations with spray foam or caulk. If using spray foam around gas appliances, temporarily turn off pilot lights. Spray foam is extremely flammable.


Sheet metal and high-temperature heat-resistant caulk should be used to seal gaps between framing, chimneys and metal flues.

DIY Considerations

If you are considering a DIY approach, protect yourself when going into spaces with insulation with a mask or respirator, Tyvek suit, gloves and kneepads.

If tackling an air-sealing project on your own, research best practices for proper home ventilation.

Before going DIY, contact two or three local contractors for a project estimate. It is possible a contractor can acquire cheaper bulk pricing on insulation.

Making insulation and air sealing a priority adds comfort, efficiency and savings to your home. 



Miranda Boutelle has more than 20 years of experience helping people save energy. She has worked on energy-efficiency projects from the Midwest to the West Coast. Today, Miranda is director of operations and customer engagement at Efficiency Services Group in Oregon, a cooperatively owned energy-efficiency company.

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I 'Bearly' Made It Out Alive

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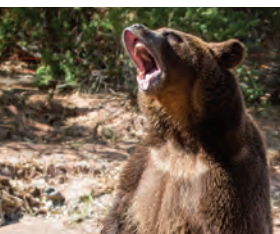
What Stauer Clients Are Saying About Our Knives



"The feel of this knife is unbelievable... this is an incredibly fine instrument." — H., Arvada, CO



"This knife is beautiful!" — J., La Crescent, MN



It was a perfect late autumn day in the northern Rockies. Not a cloud in the sky, and just enough cool in the air to stir up nostalgic memories of my trip into the backwoods. This year, though, was different. I was going it solo. My two buddies, pleading work responsibilities, backed out at the last minute. So, armed with my trusty knife, I set out for adventure.

Well, what I found was a whole lot of trouble. As in 8 feet and 800-pounds of trouble in the form of a grizzly bear. Seems this grumpy fella was out looking for some adventure too. Mr. Grizzly saw me, stood up to his entire 8 feet of ferocity and let out a roar that made my blood turn to ice and my hair stand up. Unsnapping my leather sheath, I felt for my hefty, trusty knife and felt emboldened. I then showed the massive grizzly over 6 inches of 420 surgical grade stainless steel, raised my hands and yelled, "Whoa bear! Whoa bear!" I must have made my point, as he gave me an almost admiring grunt before turning tail and heading back into the woods.

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I was pretty shaken, but otherwise fine. Once the adrenaline high subsided, I decided I had some work to do back home too. That was more than enough adventure for one day.

Our Grizzly Hunting Knife pays tribute to the call of the wild. Featuring stick-tang construction, you can feel confident in the strength and durability of this knife. And the hand carved, natural bone handle ensures you won't lose your grip even in the most dire of circumstances. I also made certain to give it a great price. After all, you should be able to get your point across without getting stuck with a high price.

But we don't stop there. While supplies last, we'll include a pair of \$99 8x21 power compact binoculars **FREE** when you purchase the Grizzly Hunting Knife.

Make sure to act quickly. The Grizzly Hunting Knife has been such a hit that we're having trouble keeping it in stock. Our first release of more than 1,200 SOLD OUT in TWO DAYS! After months of waiting on our artisans, we've finally gotten some knives back in stock. Only 1,337 are available at this price, and half of them have already sold!

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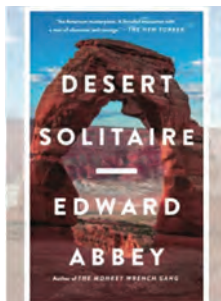
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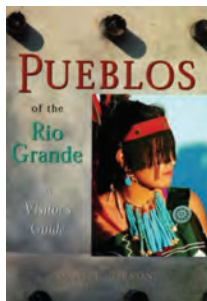
Desert Solitaire

This title has haunted my bookshelf for years, having read Edward Abbey’s “The Monkey Wrench Gang” 20 years ago. No matter,

as Abbey’s meditation on wilderness, the singular beauty of the Southwest and the ever-expanding exploitation of this magical land has proved timeless for readers since it was first published in 1968.

With an artist’s eye, a fierce instinct to protect and a tender heart, Abbey’s wisdom springs eternal and would make a great companion wherever in the high desert you find yourself turning pages this autumn.

By Edward Abbey
Simon & Schuster
Available anywhere books are sold



Pueblos of the Rio Grande, a Visitor’s Guide

Author Daniel Gibson is a lifetime resident of New Mexico. As a young boy, he was left forever moved by a chance and passing

encounter with the women and children of the pueblo village of San Felipe.

Gibson returns once more as an observer dedicated to taking a closer look at New Mexico’s 19 pueblos—their distinctive histories, cultures and artistry.

Gibson offers an entry point and practical information to provision the curious and gracious visitors who endeavors to arrive at the hallowed ground well-poised for deeper understanding.

By Daniel Gibson
Rio Nuevo Publishers
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A Painter’s Kitchen, Recipes from the Kitchen of Georgia O’Keeffe

Georgia O’Keeffe is famous worldwide for her modernist art, but during her lifetime, she was revered by her guests

and friends for her earthy and nutritious home cooking.

When author Margaret Wood met O’Keeffe, she was 24 to O’Keeffe’s 90. Wood served as O’Keeffe’s companion from 1977 to 1982 and learned firsthand to prepare “simple, delicious food with many fresh ingredients,” most abundantly supplied by O’Keeffe’s own Abiquiu gardens and orchards.

The recipes and recollections compiled by Wood are ancient yet ahead of their time, often including as many as five vegetables in a simply prepared breakfast or lunch entree. While O’Keeffe is most celebrated for her poppies and jimson weed, thanks to Wood, her mashed potatoes with dandelion greens also live on to astonish.

By Margaret Wood
Museum of New Mexico Press
Local bookstores or abebooks.com

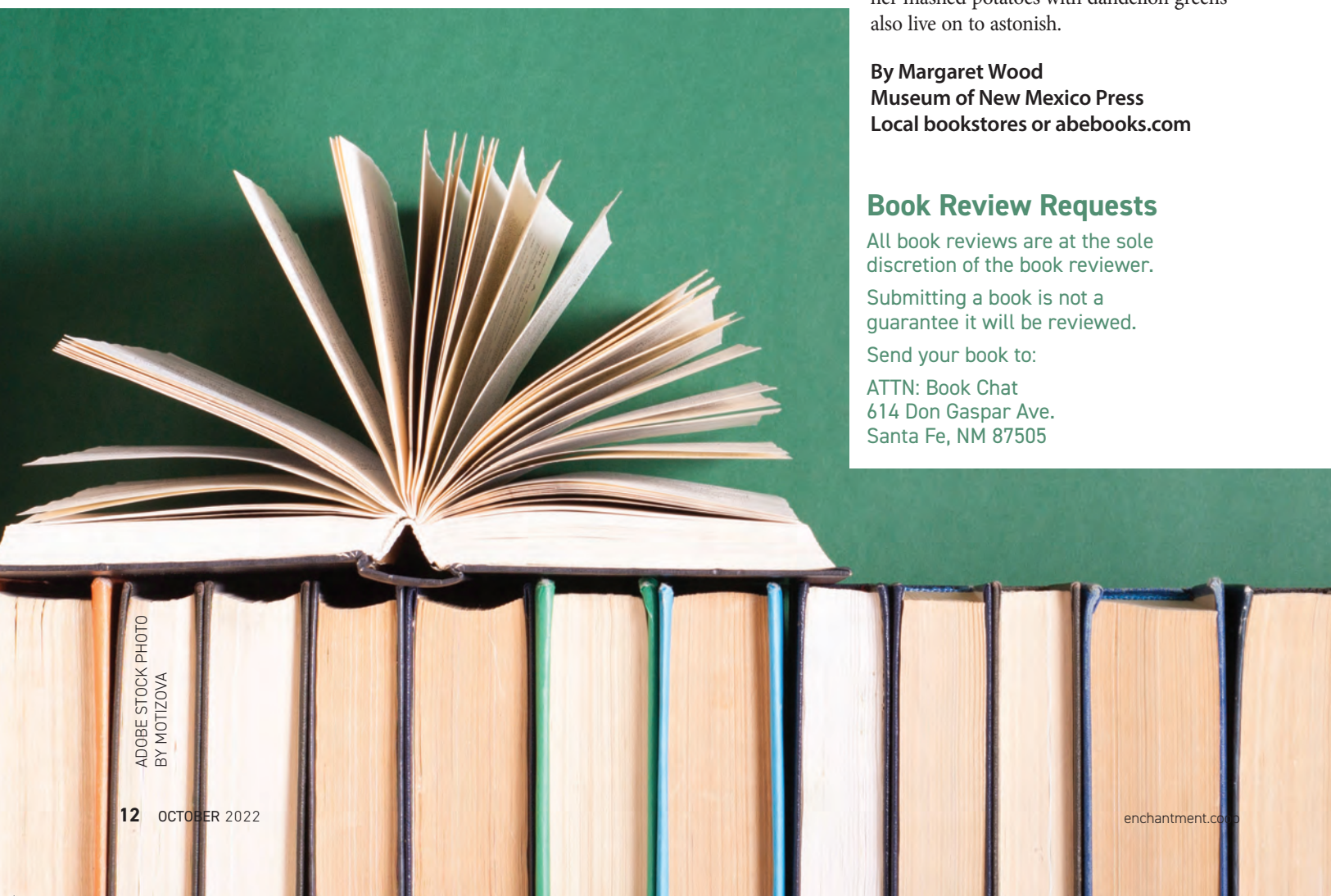
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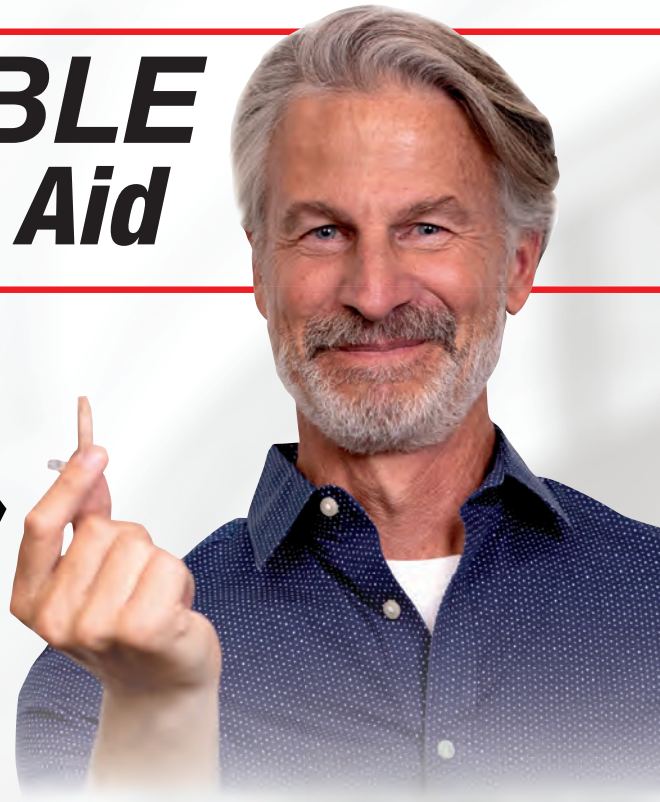
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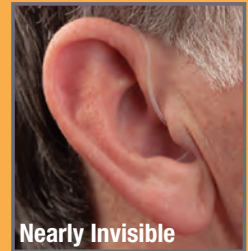
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HOLE-IN-THE-WALL GANG

Driving Cattle

Butch Cassidy and the Sundance Kid trailed cattle in Magdalena

By Dixie Boyle

It might surprise many to know Butch Cassidy and the Sundance Kid worked as cowboys on the WS Ranch near Alma in the Mogollon Mountains and trailed WS cattle to the railhead in Magdalena.

In 1898, Butch Cassidy and the Sundance Kid helped fight cattle rustling, which was rampant throughout the American West.

Captain William French was foreman and part-owner of WS Ranch. He suspected his own cowboys of stealing WS cattle and got rid of the entire crew.

When a man claiming to be Jim Lowe stopped at the ranch one afternoon looking for work, French hired him.

He made Lowe a foreman, and soon hired the Sundance Kid—going by the name Tom Capehart—and other Hole-in-the-Wall gang members to work on the ranch.

The outlaw gang was on its best behavior when it left WS Ranch. They wanted to blend in and not be noticed. Most of the gang had grown up on a ranch or farm and were good with horses and cattle.

Magdalena was the end of the trail and provided entertainment most cowboys enjoyed for a few days, but the WS cowboys returned to the ranch as soon as they delivered the herd. They did not want to be recognized and have their hideout be discovered.

French described the behavior of the gang in his book, “Recollections of a Western Ranchman.”

“When they got to the road they were most decorous,” French wrote. “There was no such thing as drinking or gambling or shooting up the town. Strict discipline was always maintained, and I was frequently congratulated by

the merchants of Magdalena on having such a well-behaved outfit.”

In the 1890s, Magdalena was the largest shipping point in the United States for cattle and sheep. It served as a gateway to the big ranches in much of western New Mexico and eastern Arizona.

Ranchers 125 to 200 miles away trailed their livestock along the Magdalena Driveway—the last stock highway in the country.

In 1970, David Farr from Datil was the last rancher to trail cattle to the railhead via the driveway.

Cassidy and the WS cowboys fit right in with the other cowboys trailing herds of cattle to Magdalena’s railhead.

“The way he (Cassidy) handled those cattle over that long and dusty trail was a revelation,” French wrote. “Frequently, they had to go as much as 75 miles without water, but he never dropped a hoof and there was no tail to his herd when they arrived at the road.”

Cassidy’s gang used WS Ranch as a hideout between 1898 and 1899.

It was the perfect location for the outlaw gang. The Mexican border was a few days’



The Hole-in-the-Wall Gang, from left: Sundance Kid, Bill Carver, Ben Kilpatrick, Harvey Logan and Butch Cassidy. PHOTO COURTESY OF JOHN SWARTZ, SAN ANTONIO, TEXAS, 1900





David Farr's cowboys—the last cowboy crew on the Magdalena Driveway in 1970.

ride south, and railheads at Magdalena and Silver City provided easy escape routes. The gang could disperse quickly and meet months later in another state.

Cassidy maintained hideouts and caches of horses and supplies at various sites between Montana and New Mexico.

After the gang robbed a train at Folsom near the Colorado border, they used money taken in the robbery at an Alma saloon, alerting Pinkerton detectives to their location.

French was informed by detectives that Lowe was, in fact, Cassidy, and the cowboys he employed had robbed a train near Folsom.

Feeling the heat, the gang left the ranch shortly afterward and never returned to New Mexico.

Butch and Sundance left the United States for Argentina in 1901, where they hoped to go straight as respectable ranchers.

They established a prosperous ranch and were well-liked by their neighbors, but by 1908 they were back to a life of crime and attempting to rob the payroll shipment of a Bolivian mine.

After getting away with the payroll, they were surrounded by members of the Bolivian army. They were either killed by the army or they shot one another when they realized there was no way to escape.

Butch and Sundance are buried in an unmarked grave in a cemetery near San Vicente in Bolivia.

The Magdalena Driveway has been out of business for half a century. Abandoned stockyards stand as a reminder of the town's heyday years.



Magdalena's main street circa 1915.

The town has retained its Wild West atmosphere, and it is not hard to imagine the Hole-in-the-Wall Gang trailing cattle to the railhead while hiding from the law. 🐾

This story cites "Sundance, My Uncle," by Donna Ernst and "Recollections of a Western Ranchman," by William French. Both are available for purchase on Amazon and other booksellers.



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Board Meeting

The Board of Trustees meets at 9 a.m. the fourth Tuesday of the month in the Clovis cooperative boardroom.

This institution is an equal opportunity provider and employer.

Hay is for Horses...Not Necessarily

At the end of the 19th century, settlers in the Sandhills area of northwestern Nebraska faced a problem. The Sandhills, a vast area of grass-covered sand dunes, provided no lumber for building. There were no nearby railroad depots to bring in building supplies. The good sod that was present was used for crops that fed livestock.

Perhaps one of the settlers was familiar with the New England method of using stacked hay bales to insulate blocks of ice. Maybe someone was inspired by the big bundles of straw produced by the recently invented mechanical baler. Whatever the case, at some point in the late 1890s, the settlers started building houses, schools, and churches out of hay bales. Piling one bale on top of another, they built square or rectangular one-story dwellings covered by a simple, sloped roof.

People still build hay bale homes to this day. However, the reasons for this type of construction have changed. With aesthetics, practicality, and energy efficiency, the drivers of today's hay bale homes, the building method has remained relatively similar. Let's take a look at some advantages and disadvantages:

Advantages

1. Hay bales for construction are made from waste product. Once the edible part of the grain is harvested (such as wheat, rye, or rice), the stalks often become a disposal problem for farmers. By bailing the hay straw, new life is given to this waste material. The farmer makes money by selling the bales, and the homebuilder gains an excellent insulation and structural building material.

2. Homes insulated with hay bales can have insulation values of R-35 or more. The thicker the bale, the better the R-value.

3. Hay bale walls are at least 18 inches thick. This adds aesthetic value to the home as thick walls are expensive to achieve with conventional construction. The thickness of the wall helps to reflect sunlight throughout the room. Similar to the "adobe effect."

4. Due to the thickness of hay bale walls, every window can have a window seat or shelf. This becomes both an aesthetic and practical design



element—more adobe effect.

5. The concept of hay bale construction is easily understood. With supervision by one knowledgeable hay bale trainer, first-time builders can assist in the construction process. This not only spreads the word about hay bale construction, but also means the homebuilder can save money by using a volunteer crew to help raise the walls.

6. Hay bales have low-embodied energy. This means very little energy is used to manufacture the product as sunlight is the main energy source for growing the plant. The only energy needed to make a hay bale is in the bailing process and the transportation to the worksite. Other insulation materials, such as fiberglass, require a substantial amount of energy to produce.

7. Hay bales are 100% biodegradable—when the time comes. Hay bale homes can last over 100 years if properly maintained. At some point, however, all structures will eventually be replaced. When the time comes, the hay bales can be plowed back into the earth. Fiberglass, on the other hand, becomes a disposal problem.

8. Hay bale walls can be carved with a knife or chainsaw. Openings around windows or doors can be bullnosed to a nice radius. Bales can also be finished to a sharp angular edge. Nichos (alcoves) can also be carved into the bales—more adobe effect.

9. Despite what might seem logical, properly constructed walls made from hay straw have proven to be more flame retardant than conventional wood-frame construction. This is



because the bales are dense and tend to just smolder when the ignition source is removed. There is just not enough combustible air in the bale.

10. Hay bale insulation is the most effective in climates where heating and/or cooling of the home is essential for comfort—like eastern New Mexico.

11. Hay bale homes can be beautiful as the natural material lends itself to multiple architectural styles.

Disadvantages

1. Since it is not a conventional material, the contractor or do-it-yourselfer will need to learn new construction techniques. Although not difficult, they are different.

2. If hay bale building codes are not part of your local codes, it may be a bit more work to get your plans approved. Contact others in your area and see if they can suggest local architects or engineers who have worked with natural materials. See if they can stamp your plans and help with the approval process. The local Home Builders' Association (HBA) is always a good start.

3. Hay bale walls need to be kept dry

as moisture is detrimental to not only the hay straw, but to many building materials. Moisture entering the bales from the roof above is to be avoided. If the walls of your hay straw home are kept dry, they will last a lifetime.

4. Areas of extreme humidity and rain may not be appropriate for hay bale homes—safe in eastern New Mexico.

5. Due to the thickness of the walls (usually around 18-20 inches), more of your overall square footage will be unusable due to it being within the wall space.

6. If hay bales are not available within a few hundred miles of your construction site, the cost of shipping them, along with the potential pollution from the transportation, must be taken into account.

Scholarship Applications Available Now!

Farmers' Electric Cooperative will award scholarships again this year through the Farmers' Electric Education Foundation. Scholarship applications may be obtained from area high school guidance counselors or from cooperative office locations in Clovis, Ft. Sumner, and Santa Rosa. Scholarship applications can also be requested by calling the Clovis office at 575-762-4466 or by going online to www.fecnm.org. All cooperative members and their dependents are eligible to apply.

There are two different scholarship forms. Be sure when requesting a form, you specify either the "Graduating High School Student Application" or the "Returning College Application." Both forms are available from any FEC office or are available to download from www.fecnm.org.

Don't delay! Deadline for applications is February 1, 2023.



The Power of Preparation

Reduce the stress of emergencies by anticipating what you and your family need during an outage

By Anne Prince

With severe weather occurring more frequently, it makes sense to be prepared. During a prolonged power outage or other emergency, this means having enough food, water and supplies to last at least a few days.

While you don't have to achieve a doomsday prepper level of preparedness, several practical steps can keep you and your family safe.

Even at a modest level, preparation can help reduce stress and anxiety, and lessen the impact of an emergency.

Start With the Basics

The Federal Emergency Management Agency recommends these general guidelines:

- Assemble a grab-and-go disaster kit. Include items such as nonperishable food, water (1 gallon per person, per day), diapers, batteries, flashlights, prescription medications, a first-aid kit, a battery-powered radio and phone chargers.

- Develop a plan for communicating with family and friends via text, social media, a person outside your area, etc.

- Have extra cash available. During a power outage,



Make preparations to keep you and your family safe during severe weather events. PHOTO BY CHUCK UNDERWOOD

electronic card readers and cash machines may not work.

- Store your important documents—such as birth certificates and property deeds—in a safe place away from home; for example, a bank safe deposit box.

- Keep neighbors and co-workers apprised of your emergency plans.

- Fill your car with gas.
- Organize your supplies together in an easily accessible location family members know about.

Caring for Vulnerable Family Members

Make sure older family members or those with special needs have enough medication and supplies for a few days.

If they don't live with you,

arrange for a neighbor to check on them.

If severe weather is expected, consider having your relative stay with you, if feasible. Otherwise, call them daily.

If you have an infant or young children, make sure you have ample formula, diapers, medication and other supplies on hand to weather an outage lasting several days or more.

Keeping Four-Legged Family Members Safe

For families with pets, having a plan in place in the event of a prolonged outage or emergency will reduce worry and stress, especially if you need to act quickly. Here are a few tips:


- Bring pets indoors at the first sign of a storm or other emergency. Pets can become

disoriented and frightened during severe weather and may wander off during an emergency.

- Microchip your pet and ensure the contact information is up to date.

- Store pet medical records on a USB drive or in an easy-to-remember location.

- Create an emergency kit for pets. Include shelf-safe food, bottled water, medications and other supplies.

Planning for an emergency today can give you more confidence to deal with severe weather and potential outages in the future. 

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We understand the joy of taking a bag of coins, dumping them out on the table, gathering the kids and grandkids and setting to work sorting through all the dates, designs, mint marks and more. That's why we've compiled these 100-coin "Banker's Bags" of vintage U.S. coins.

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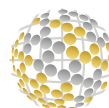
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Halloween Treats

What a delightful time of year in the Land of Enchantment. With beautiful autumn color outdoors, a variety of state parks and monuments to visit, and high school sporting events to attend, New Mexico is the place to be in autumn.


Halloween is on the horizon. Mummy Brats are a simple and fun dinner right before family members hit the road for the annual candy harvest. They also make a good entrée to take to any Halloween party. With just four ingredients, call the little ghosts and goblins into the kitchen to prepare mummies on their own. Dipping baked mummies in barbecue sauce and mustard—aka blood and guts, if you dare—adds to their

spookiness.

It's never too early to include cranberries. Cranberry Blue-Cheese Slaw does just that. Slaw does not have to be swimming in heavy dressing to be a side-dish hit. Pack it in a sealed container and take the slaw to your next tailgate party.

Need a quick on-the-go breakfast or pick-me-up? Power Balls are perfect to grab before heading out the door or for an after-school snack. Not only healthy, they pack the protein and whole grains needed to deliver natural energy.

Have a frightfully wonderful time in the kitchen and alfresco.



Sue Hutchison was born and raised a block from the freeway in Southern California. She had an early start with industrial, large-scale cooking before age 20. She's always been both a beach bum and at home in the kitchen, where she enjoys making new creations.

Mummy Brats

1 can crescent roll dough
4 bratwurst sausages

Prepared mustard
Prepared barbecue sauce

Boil or grill bratwurst sausages until nearly cooked.

Preheat the oven to 350F.

Line a baking sheet with parchment paper and set it aside.

Separate crescent rolls, rolling two sections together to form a rectangle. Cut six strips of dough from each rectangle. Roll the strip into 10- to 12-inch-long snake-like rolls. Wind one dough roll around a bratwurst. Repeat with another roll, crisscrossing layers and adding as many layers as desired.

Bake in the oven until mummy wraps are lightly browned, 12 to 15 minutes.

Serve with mustard and barbecue sauce.



Power Balls

- | | |
|--------------------------------|--|
| ½ cup quick oats | ½ cup ground flax |
| ½ cup steel cut oats | ½ cup honey |
| ½ cup sweetened coconut flakes | ¾ cup mini chocolate chips |
| ¾ cup peanut butter | 1 teaspoon vanilla |
| ½ cup finely chopped pecans | Sprinkles, mini chocolate chips, finely chopped nuts, powdered sugar |

Mix all ingredients together using clean hands. Add small amounts of peanut butter or oats if dough cannot be squeezed together and hold shape. Place dough in the refrigerator for one hour.

Scoop a heaping tablespoon of dough into your hands coated with water. Roll the dough into tightly formed balls.

Roll in coating of choice or leave them plain. Refrigerate the balls in a single layer in an airtight container, removing individual servings as desired. Refrigerated balls last up to three weeks.



Cranberry Blue-Cheese Slaw

- | | |
|-----------------------------------|--|
| ½ cup crumbled blue cheese | 1 package prepared coleslaw mix with carrots |
| ½ teaspoon salt | ½ cup sliced red bell pepper |
| ½ teaspoon ground pepper | ½ cup salted sunflower seeds |
| ¼ cup prepared mayonnaise | 6 strips bacon, cooked, drained and crumbled |
| 3 tablespoons apple cider vinegar | |
| 2 cups dried cranberries | |

Whisk salt, pepper, mayonnaise and vinegar together to form the dressing. Stir in the blue cheese and set aside.

Toss 1½ cups of cranberries, bell pepper and the coleslaw mix together. Drizzle with dressing and lightly stir to coat.

Chill the slaw for a minimum of 30 minutes prior to serving. Sprinkle the remaining cranberries, sunflower seeds and bacon on top just before serving.



The Electric Co-op

From high-tech to high-touch, co-ops continue to evolve

By Paul Wesslund

Did you know one of the most cutting-edge places for technology is right up the road at your local electric cooperative?

That's right! Innovation isn't happening just in computer labs or on satellites rocketing into space. Electric co-ops lead the highly technical electric utility industry in such fast-changing areas as renewable energy and smart meter installation, allowing more efficient use of electricity.

While it may seem surprising to think of your electric co-op as a high-tech leader, rural utilities have uncovered solutions to modern problems for nearly 100 years.

Electric co-ops were created to solve one of the most basic but complex needs and desires: lighting up the darkness.

That legacy is why time is set aside each October to recognize National Co-op Month. It's a reminder that business succeeds not just through competition but also cooperation.

As a result of the member-owned cooperative form of business, co-ops stand out in many areas of the electric utility industry. They lead the way in community solar—an initiative in which the co-op utility builds a solar array supported by interested co-op members who buy shares of the project.

Electric vehicles are getting a boost from co-ops as well, with many utilities placing charging stations in public parks and other rural locations.

Just as co-ops first brought electricity to unserved rural areas nearly a century ago, many today are working to bring high-speed internet service to their local communities.

How it Began

In the early 20th century, America's cities were being transformed by this new thing called electricity. But outside the municipal boundaries, people could only look with envy at the glow from over the horizon.

Setting poles and stringing power lines

miles outside of town for one or two customers was deemed too expensive.

Luckily, go-getters in America's rural communities believed they could solve the problems that kept the power companies from connecting them to modern society.

They called their friends and neighbors together and started forming their own utilities. They were community-based organizations, democratically run, not-for-profit businesses called cooperatives.

Today, there are more than 900 electric co-ops in the United States.

It wasn't easy, especially at first. Cooperatives got a huge boost when, after getting the attention of some key politicians, the federal government created the Rural Electrification Administration.

The REA made loans available, helping finance expensive utility construction. It provided technical consulting, developing engineering techniques to carry electricity longer distances. The agency drew up model co-op bylaws and even went on the road with tent shows to demonstrate



Just as electric co-ops first brought electricity to unserved rural areas nearly a century ago, many today are working to bring high-speed internet service to their local communities. PHOTO BY SCOTT PAUL



Electric co-ops stand out in many areas of the electric utility industry. They lead the way in community solar—an initiative in which the co-op builds a solar array supported by interested members who buy shares of the project. PHOTO BY COURTNEY COBB

History of Innovation

how to use the latest conveniences, such as electric ovens and washing machines.

A True Grassroots Movement

The biggest innovation is the co-op itself and the notion of a utility with only one mission: to improve life for its members, who are also its owners and customers.

Electric co-ops didn't spring from a national directive or organization. They are truly homegrown products of what local people wanted for their community.

Electric co-ops started forming as early as 1914. Formation of the REA in 1935 helped smooth the way forward.

Local community initiatives during the next three decades finally brought electric service to nearly everyone.

The electric co-op story is a true grassroots movement. The one characteristic that applies to them all is they care for and listen to the local members they serve.

For electric co-ops, one size does not fit all. Local residents are in charge. In recognizing that every one of us is different, co-ops make both an electric connection and a human connection.

That's a truly powerful innovation. 

Electric Cooperatives at a Glance

Who They Are

Electric cooperatives are private, independent, not-for-profit electric utilities. They are owned and governed by the communities they serve and were established to provide at-cost electric service.

What They Do

Electric co-ops provide at-cost electric service to their consumer-members. Each co-op is locally governed by a board of directors elected annually by the members who own the co-op. Electric co-ops return excess revenue to their consumer-members in the form of capital credits.

Local co-ops help build community by engaging in development and revitalization projects in the communities they serve.

Who They Serve

Electric co-ops were formed to bring electricity to rural parts of America where other utilities wouldn't go because they determined it was too expensive to serve. Nationwide, nearly 900 electric co-ops serve one in eight U.S. residents in rural and exurban communities.

Compared to other utilities, electric co-ops often provide electricity to areas with lower population density, lower median income and higher delivery costs per capita. In fact, co-ops serve 92% of the nation's persistent poverty counties—those with more than a 20% poverty rate consistently during the past 30 years.

Many electric co-ops are working to improve broadband access in unserved and underserved communities. More than 150 are already pursuing diverse solutions to provide broadband service. An additional 100 are in the due diligence phase of studying how and whether they can be part of the solution to closing the digital divide in their areas.

Source: National Rural Electric Cooperative Association



Electric co-ops were created to solve one of the most basic but complex needs and desires: lighting up the darkness. PHOTO COURTESY OF U.S. DEPARTMENT OF AGRICULTURE

VAMPIRE energy

With the ghoulish hour at hand, a vampire is on the hunt to take a bite out of your wallet.

This evildoer—known as vampire energy or phantom load—targets your electrical outlets.

Many TVs, cable boxes, chargers and other consumer electronics have instant-on features or small clocks. These consume energy all the time.


This can be deceptive because the device looks as if it is turned off and not using power.

According to the Energy Information Administration,

vampire energy costs Americans more than \$3 billion annually.

Don't let your devices be energy vampires. Avoid unnecessary expense from vampire power with these simple tips:

- Unplug anything you are not using: chargers, gaming systems, coffee makers, etc.
- Use a smart power strip.
- Shut down your computer overnight.
- Buy Energy Star-certified products.

Find more fang-tastic ways to save energy by becoming a Power Partner. 

HOME IDLE

ALWAYS-ON LOADS

Continuous power use by:

- Devices consuming power even in “off” or “sleep” mode
- Devices left on overnight (e.g., set-top boxes, computers, printers)
- Infrastructure appliances using power continuously, such as GFCI outlets

HOME ACTIVE

INTERMITTENT LOADS

Power use by devices that are not always-on, but are active frequently enough for some of their energy use to be captured by the lowest hourly smart meter measurements, such as:

- Refrigerators and freezers
- Furnaces and air-conditioners
- Aquarium heaters
- Humidifiers/dehumidifiers

ACTIVE LOADS

Power use by devices when actively used, such as:

- Lighting
- Kitchen and laundry appliances
- TVs, computers, and other consumer electronics

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CHICKENS FOR SALE in Portales, NM, 3 to 4 month old red pullets, \$7. to \$10. each. Call Smokey Ball at 575-749-3471.

ENGLISH SHEPHERD PUPS, some with natural bobtails. Ready for new homes and farms on October 15th. Will send pictures and details. Email your information to nhoreply@gmail.com

RAMBOUILLET BREEDING RAMS FOR SALE. Fine wool grade, big lambs. In Taos County. Call 575-770-2881 or 575-779-7315 for more information.

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SUNSET SADDLES OFFERS CUSTOM LEATHERWORK; ie: saddles, chaps, chinks, holsters, belts, etc. Also saddle and tack repair. Located in La Luz, NM. Call 575-257-8874 or email: sunsetsaddles@yahoo.com

SPECIALTY CABINET BUSINESS FOR SALE, has been established for 17 years in area. Includes: website, cut sheets, drawings, tools, displays and machinery. Servicing local markets of Albuquerque and Santa Fe. Possible financing. Must sell due to age and health. For more information, call 505-470-8902.

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FISHING TACKLE WANTED: "Antique" lures, reels, rods, tackle boxes. Pre-1950, please. Collector paying highest prices for "Grandpaw's" tackle box. Lures \$50 to \$5,000 each. Reels \$100 to \$7,500 each. Send photos to: tacklechaser@aol.com or call Rick at 575-354-0365.

OVERHEAD FEED BINS. 1 to 4 compartment, 12 to 48 tons. Any size free standing cattle guards, no footing needed. Dealer for T & S Feeders. Emery Welding, Clayton, New Mexico. Call 575-374-2320 or 575-207-7402. Email: eweld98@yahoo.com

AVIATION FUEL SYSTEM FOR SALE, Gasboy Islander Plus Card System with printer-software interface for network. Gasboy 8853kx Dispenser Card System. Electric hose reel 1". Morrison Clock Gauge with alarm. Kay Manufacturing Above-Ground 4950 gallon DW steel tank. Located at Lovington, NM airport, can be moved. Contact DKD, LLC at 575-398-3490 for more information.

EQUIPMENT FOR SALE: Wood/log splitter, \$800. or best offer, Lopi fire-place insert, \$1,500. For more information, text 505-492-9632.

WANT TO BUY: CEMENT MIXER for Ford 8N tractor. Call 575-512-6406 for more information.

TWO IRRIGATION SIDE ROLL SPRINKLERS, quarter mile in length. \$2,000. each. Call 505-269-6040 for more information.

MORIARTY PIPE & IRON, LLC, CLOSE OUT SALE, ALL INVENTORY 50% OFF! Trailer parts (lights, hardware, welding supplies, miscellaneous steel). Equipment for sale: Ellis Bandsaw with rollers, single phase; Unihydro Iron Worker 66 ton with rollers, single phase; Baileigh Radius Roller, like new, three phase with converter; Jet 15" Drill Press with bits (like new); Welding Table, 8'x10'x3/4" on heavy duty rollers; Bench Grinder; Steel Racks; 04 Daewoo Forklift, 6K, 3,450 hours. Also for sale, two 3/8 used pipe and precut posts. Contact Larry Irvin at 505-934-0425 for more information.

EQUIPMENT FOR SALE: Cattle Squeeze Chute, \$4,500., Calf Cradle, \$75., 16 ft. Lightweight Gate, \$40., two Pneumatic T-Post Drivers, \$200. each, one Handheld T-Post Driver, \$10., 5/16", 16 ft. Chains with hooks, \$20. each, 6" Auger, \$75., 8 ft. Poly Drinker, Tow Behind Large BBQ Pit, \$200. Call 575-849-2844 for more information.

Great Finds

BUYING OLD STUFF: Gas pumps and parts 1960's or earlier, advertising signs, neon clocks, old car parts in original boxes, motor oil cans, license plate collections, Route 66 items, old metal road signs, odd and weird stuff. Fair prices paid. Have pickup, will travel. Gas Guy in Embudo, 505-852-2995.

FISHING TACKLE WANTED: "Antique" lures, reels, rods, tackle boxes. Pre-1950, please. Collector paying highest prices for "Grandpaw's" tackle box. Lures \$50 to \$5,000 each. Reels \$100 to \$7,500 each. Send photos to: tacklechaser@aol.com or call Rick at 575-354-0365.

INSPIRE 1 PRO AND INSPIRE 1 V2 DRONES, hard cases, remotes, six batteries, X3 and X5 cameras and many extras. Excellent condition. \$2,000. cash and carry. Call 575-562-9041 for more information.

WANTED: NEW MEXICO MOTORCYCLE LICENSE PLATES 1912-1970. Paying \$100-\$500 each. Also buying NM car plates 1900-1923. Visit NMplates.com for history and 4,600 photographs of NM plates. Bill Johnston, Box 1, Organ, NM 88052-0001. Email: Bill@NMplates.com or call 575-382-7804.

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OLD SCHOOL SIGN PAINTER, hand lettered signage. No vinyl, windows, walls, vehicles, wood, metal or plastic. For more information, call A. Sanchez at 575-758-7417 or cell 505-498-7743.

HEIGHTS FIRST CHURCH OF THE NAZARENE CRAFT SHOW & FUNDRAISER! November 19th from 9 am to 4 pm. Located at 8401 Paseo Del Norte, NE in Albuquerque. Reserve your 8 ft. x 8 ft. space and table, \$45. using a church table or \$40. using your own table. Contact Kelly for application, email kydcrafter@yahoo.com or text 505-239-7377.

RAILROAD ITEMS WANTED: Kerosene lanterns, brass locks, keys, badges, uniforms, bells, whistles, and pre-1950 employee timetables. Always seeking items from any early New Mexico railroad, especially D&RG, C&S, EP&NE, EP&SW, AT&SF, SP or Rock Island. Call Randy Dunson at 575-760-3341 or 575-356-6919.

FOR SALE: New Top Box RV 150, 5th wheel to gooseneck adaptor, paid \$900. will sell for \$600. Two new well casings 21' x 6", \$200. each. Call Abel at 505-982-4752 for more information.

EDGEWOOD LIONS CLUB, 15TH ANNUAL HOLIDAY ARTS AND CRAFTS SHOW! October 29th, Edgewood Middle School, 17 Venus Road, Edgewood, NM. 9 am to 4 pm. Reserve your 8' x 8' space for \$25., furnish your own table and chairs. Contact 505-832-1043 or email debryannm4@gmail.com for more information.

HUGE PILES OF ELM WOOD (TWO DEAD TREES) FOR SALE IN GLENRIO. Also, old bottles, petrified wood, two antique wringer washers. Call Roxann at 806-674-2528 or 806-575-2223 for details and to make an offer, all offers considered and negotiable.

HOLIDAY ARTS, CRAFTS & GIFTS SHOW! Local artisans and crafters. Carrizozo Woman's Club, 908 11th Street. Friday, November 4th from Noon to 6 pm and Saturday, November 5th from 9 am to 3 pm. On Saturday, enjoy a traditional turkey dinner for \$12. from 11:30 am to 1:30 pm. For more details call Melody Gaines at 575-430-0490.

ROUGH RIDER ANTIQUES IN LAS VEGAS IS PLUM FULL FOR FALL!

Wildly colorful oil cloth like grandma used on her shelves and table; more colorful kitchenware from the 30's, 40's and 50's; soft goods and notions if you sew, quilt or craft. The Book Guy has added hundreds of titles and we have a good selection of coins, trains and license plates. Enjoy beautiful jewelry made by Navajo, Zuni and Santo Domingo artists. Nancy has a wood and iron work bench that would make a great kitchen island or bar; a primitive pie safe and a workman's daybed from 1850. Victorian, mid-century and fresh-from-the-farm furniture. Open everyday. 501 Railroad across from the Castañeda Hotel. 505-454-8063.

Real Estate

2 MOUNTAIN CABINS, 25+ acres at 8,000 feet, Wildhorse Ranch Subdivision, Pie Town, NM. Well on stream with 5,000 storage tank and fire hydrant. New Mexico Hunting unit 13. To view this property, go to: <https://fsbo.com/listings/listings/show/id/520104/>

CONCHAS, 0 AND 00 RIDGE DRIVE, PRICE REDUCED! Two tracts with two lots per each property (lots are 100 x 100 or .23 acre). Each tract has a permitted septic that has never been used. Electricity and co-op water nearby. \$40,000 per tract. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

SUMNER LAKE, 0 RIVER RANCHES ROAD, (at intersection with State Road 203). Lot just over 20 acres. Scenic views, just west of lake. \$18,000. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

DATIL, HERRINGTON CANYON ROAD. Three properties, one east (40 acres) and two west/northwest (44 and 40 acres) vacant land. Starting at \$24,000. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

PIE TOWN, SOUTH OF WILD HORSE SUBDIVISION. Two tracts with closest access from Goat Ranch Road. One is 20 acres for \$12,000, and one is 40 acres for \$24,000. Vacant land. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

NEW MEXICO LANDOWNERS, LET US SELL YOUR WORKING FARM OR RANCH. Broker has a lifetime of experience working on a family farm in New Mexico and has been a family farm owner and operator since 1988. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

FENCE LAKE, 295 PINE HILL ROAD, 2-bedroom, 3-bathroom home on just over 60 acres, well, outbuildings, corrals, abundant wildlife and scenic views. **NEW SEPTIC SYSTEM**. \$240,000. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

CANADIAN RIVER - WEST OF UTE LAKE. EAST OF QUAY ROAD AI. Seven 40 acre (more or less) parcels with lake and mesalands views. One of the seven lots is west of Quay Road AI fronting Ute Lake. Call for appointment to show and pricing. Big Mesa Realty, 575-456-2000. Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

CONCHAS, 204 CONCHAS PLACE, SOLD, 2-bedroom, 2-bath home with great view of the lake. Upper level has kitchen and deck. Tall cabinet for RV on lot. Two car garage. \$189,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

DATIL, COYOTE TRAIL, BLUEBIRD ROAD AND SUGARLOAF TRAIL. SUGARLOAF MOUNTAIN SUBDIVISION. (SOLD, Lots 241, 268, 269, 273 SALE PENDING Lot 270). Choice of three remaining lots just over five acres each. \$12,500. per lot. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

DATIL, 0000 CRISWELL ROAD, Forest Road 6A (East of Criswell Road) and 0000 Red Feather Tank Road (off Criswell Road, property east of Red Feather Tank Road). Vacant land. Starting at \$24,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

TUCUMCARI, 1120 S. SARATOGA, 1.5 acres fronting US 54 (Mountain Road). \$20,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

PORTALES/ARCH, 1884 STATE ROAD 88, 3-bedroom, 4-bath home on just over one acre. Attached carport. Two wells. \$230,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

CLOVIS, 809 S. PRINCE. Vacant land just under five acres south of intersection of Brady and Prince. Commercial. \$200,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

SANTA ROSA, 0000 WILL ROGERS DRIVE, PRICE REDUCED! 26 acres close to I-40 and old Route 66. Commercial potential. \$420,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

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1. Only members of New Mexico electric cooperatives may place ads.
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SANTA ROSA, 0000 NO SE ROAD, (East of Los Tanos Creek in Northeast corner of Hollywood Ranch Subdivision). Ten acres with great views of surrounding mesaland. \$10,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

SAN MARCIAL, 27A WINCHESTER ROAD, WILLOW SPRINGS RANCH SUBDIVISION. PRICE REDUCED! 432 acres in the foothills of the Chupadera Mountains. Close to I-25. \$324,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

SUMNER LAKE, 225 INDIAN PLACE, 3-bedroom, 2-bath home on 20 acres with incredible view of Pecos River Valley. Custom built. \$325,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

WATER DOWSING AND CONSULTING, 46 years of experience. Proven success. In Lincoln County, will travel. Call Elliot Topper at 575-937-2722 for more information.

DATIL, 31 OLD HIGHWAY 60, 2-bedroom, 1-bath home on 1/2 acre. Potential for rental/hunting cabin, \$47,800. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

MILAGRO, 0000 PECOS SPUR, PORTRILLO CREEK RANCH SUBDIVISION, 164 acres. Wide open space for livestock and/or homesite. Close to I-40. \$94,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

JEMEZ MOUNTAINS CABIN/LOFT, 16243 NM Highway 126, 16.24 paved miles east of Cuba, NM. Approximately 4.45 acres with water, electric and sewer. 285 sq. ft. cabin/loft, one room with kitchenette and powder room. 40 ft. gazebo, 3/4 bath attached. Beautiful view of the Rio Las Vacas River and valley. Great for family gatherings or hunting parties. \$375,000. Call Yvonne at 505-347-8832 for more information.

CONCHAS, 631 CONCHAS DRIVE, MOTIVATED SELLER, 3-bedroom, 2-bath home with detached garage and 30 x 40 boat storage. All electric. \$198,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

CONCHAS, 116 NICKEL LANE, airport runway access with two bay free span hangar. 3-bedroom, 2-bath home, community water. \$270,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

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MAGDALENA, 322 CAMPFIRE ROAD, PINON SPRINGS SUBDIVISION. 20 acres. Electricity and phone close by. Great mountain views. \$24,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

CARRIZOZO HIGHWAY 54 SOUTH, 19.79 ACRES. For sale by owner. Fully fenced, 3-bedroom, 2-bath, 1,280 sq. ft. garage, ten stall barn. Close to three race or training tracks. \$475,000. Call 575-491-0843 or email dochawk@tularose.net for more details.

RANCH STYLE HOME, 2,000+ sq. ft., 3-bedroom, 2-bath. With 24 x 24 detached garage and 30 x 50 metal shop. Metal refer car on 10+ acres on paved road, five minutes from town. Less than \$300,000. Call 575-309-9997 for more information.

12.5 GLORIOUS ACRES IN THE LA CUEVA AREA IN THE JEMEZ MOUNTAINS, located behind a security gate with no public access so that you can enjoy the peace and quiet along with the stunning views of Wild-Cat Canyon and Redondo Peak. Electricity is on the property and there is an optional well share in place. \$149,000. Call Misty Stacy at Jemez Homes and Land at 505-269-4538 for more information.

SANTA ROSA, 1070 BAR Y ROAD, HOLLYWOOD RANCH SUBDIVISION, PRICE REDUCED!

Three parcels (18, 19, 20) totaling just over 41 acres. Perimeter fencing and road. Water and electricity, \$200,000. Big Mesa Realty, 575-456-2000, Paul Stout, broker, NMREL 17843, 575-760-5461. www.bigmesarealty.com

Vehicles

2005 KEYSTONE MONTANA 3400RL FIFTH WHEEL, 50 amp, 37'6", four slide outs, electric jacks, central heat, central air, two air conditioning units, washer/dryer ready, outdoor shower, ten gallon gas/electric water heater, 16, awning, central vacuum, wired for generator, skylight over shower and rain sense roof vent. Asking \$17,500. or best offer. Call 505-690-2024 for more information.

1999 FORD F250 SUPER DUTY PICKUP, 7.3 liter engine, power stroke, 4-wheel drive, automatic transmission, 128,440 miles, good tires, new batteries, all original, air conditioner works good, camper cover. Blue Book valued at \$15,000. asking close to that price. Call 575-491-4501 or email dochawk@tularosa.net for more information.

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For more information, contact Shaylyn Hancock at 505-252-2540 or enchantmentads@nmelectric.coop.

youth art

November's Topic:
Happy Thanksgiving! Draw your family enjoying a feast or a turkey.

December Topic:
Happy Holidays! Do you see snow? Reindeer? How do you celebrate this time of year?

Send Your Drawing
 By mail: Youth Editor
 614 Don Gaspar Ave.
 Santa Fe, NM 87505
 By email:
 enchantment@nmelectric.coop

Deadline: Submit by the 9th, one month prior to publication.

Hooray! Winners Get Paid: \$15

Have a Youth Art Topic?
 Email or mail to the addresses above, or call 505-982-4671.

5 items to include on the back of your drawing, otherwise YOU ARE DISQUALIFIED:

1. Name
2. Age
3. Mailing Address
4. Phone
5. Electric Co-op

*Accepted artwork up to age 13.

DON'T FORGET THESE ITEMS!

Happy Halloween! Congratulations to the Winners!

Daniel Chavez Jr. • Age 5
 Farmers Electric Cooperative



Braelynn Gossett • Age 10
 Socorro Electric Cooperative



Evelyn Lavvretsky • Age 5
 Otero County Electric Cooperative



Airdrie Massuri • Age 7
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Kylie Vallejos • Age 9
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Quinn Gibbs • Age 5
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The owner is The New Mexico Rural Electric Cooperative Association Inc. There are no known bondholders or other security holders.

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Average No. Copies Each Issue During Preceding 12 Months

a. Total No. Copies (net press run)	106,280
b. Paid Circulation	
(1) Outside County	105,377
(2) In-County	-0-
(3) Sales Through Dealers	693
(4) Other Classes	-0-
c. Total Paid Circulation	106,060
(Sum of 15b(1) through 15b(4))	
d. Free or Nominal Rate Distribution	
(1) Outside County	-0-
(2) In-County	-0-
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(4) Outside the Mail	-0-
e. Total Free or Nominal Rate Distribution	-0-
(Sum of 15d(1) through 15d(4))	
f. Total Distribution (Sum of 15c and 15e)	106,060
g. Copies Not Distributed	220
h. Total (Sum of 15f and 15g)	106,280
i. Percent Paid (15c divided by 15f times 100)	100%

No. Copies of Single Issue Published Nearest to Filing Date

a. Total No. Copies (net press run)	113,647
b. Paid Circulation	
(1) Outside County	112,718
(2) In-County	-0-
(3) Sales Through Dealers	704
(4) Other Classes	-0-
c. Total Paid Circulation	113,422
(Sum of 15b(1) through 15b(4))	
d. Free or Nominal Rate Distribution	
(1) Outside County	-0-
(2) In-County	-0-
(3) Other Classes	-0-
(4) Outside the Mail	-0-
e. Total Free or Nominal Rate Distribution	-0-
(Sum of 15d(1) through 15d(4))	
f. Total Distribution (Sum of 15c and 15e)	113,422
g. Copies Not Distributed	225
h. Total (Sum of 15f and 15g)	113,647
i. Percent Paid (15c divided by 15f times 100)	100%

I certify the statements made by me are correct and complete.
Tom Condit, Editor

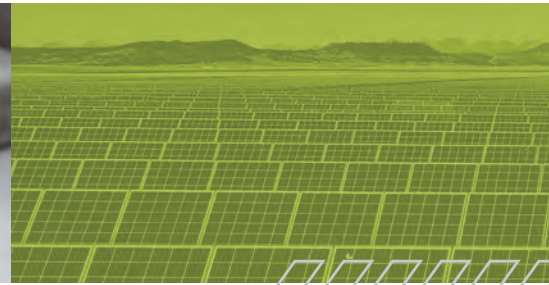
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 **ELECTRIFY AND SAVE**

WAYS TO SAVE AND IMPROVE ENERGY EFFICIENCY IN YOUR HOME

+ SWITCH TO A HEAT PUMP WATER HEATER (HPWH)

HPWHs are 350% more efficient than a traditional water heater and cost less to operate. HPWHs use electricity to transfer heat from the air into the water, instead of using combustion to generate heat, making HPWHs a safer alternative.

+ INSTALL LED LIGHTING

LED lightbulbs consume 80% less energy than incandescent bulbs and can last 10 to 25 times longer. Unlike incandescent bulbs, which release 90% of their energy as heat, LEDs are far more energy-efficient with very little heat.

+ SAVE WITH AN AIR-SOURCE HEAT PUMP

The newest air-source heat pumps can be up to 300% more efficient than electric baseboard heat. They work in cold weather and can reduce your propane usage by 80% or more.

+ UPDATE YOUR ELECTRICAL PANEL

When increasing your home's energy efficiency, keep in mind that it may require a service panel upgrade. As you receive quotes for electrical equipment always be sure to ask for a load calculation to ensure your electrical panel can handle the new equipment.

To learn more about rebates and incentives for electrification programs, contact your local co-op or public power district. Visit us at www.tristate.coop/BE