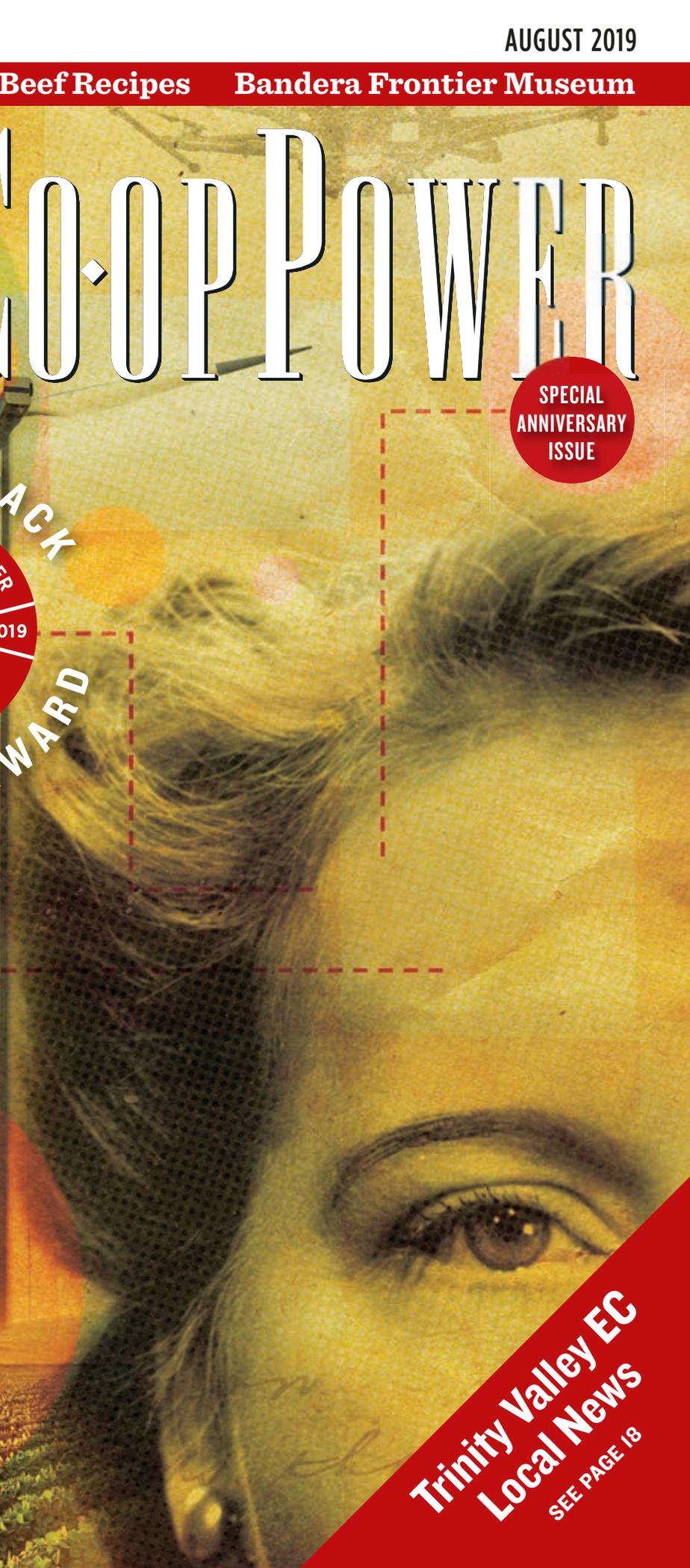


TEXAS CO-OP POWER

SPECIAL ANNIVERSARY ISSUE

LOOKING BACK
MOVING FORWARD



Trinity Valley EC
Local News
SEE PAGE 18



great looks &
long-lasting
performance

Mueller metal roofs offer many advantages, including curb appeal, weather resistance and durability. You can choose from a wide range of designer colors to complement your home, backed by up to a 30 year limited paint warranty. It all adds up to lasting peace of mind. Get a metal roof you can trust from a company you can trust – a Mueller metal roof.

Learn more at: www.muellerinc.com/roofing



www.muellerinc.com
877-2-MUELLER (877-268-3553)



SPECIAL ANNIVERSARY ISSUE

The Baby is Born heralds the debut of this magazine in July 1944.

FEATURE

8 **Reliable as Electricity** *Texas Co-op Power*, trusted voice of co-ops across the state, turns 75.

Story by *Texas Co-op Power* contributors | Illustrations by David Vogin



ANNIVERSARY: DAVID VOGIN. HIKING BOOTS: MAREKULIASZ | SHUTTERSTOCK.COM



ON THE COVER For 75 years, *Texas Co-op Power* has committed to improving co-op members' quality of life. Illustration by David Vogin

TEXAS ELECTRIC COOPERATIVES BOARD OF DIRECTORS: Blaine Warzecha, Chair, Victoria; Alan Lesley, Vice Chair, Comanche; Robert Loth III, Secretary-Treasurer, Fredericksburg; Mark Boyd, Douglassville; Billy Jones, Corsicana; David McGinnis, Van Alstyne; Brent Wheeler, Dalhart • **PRESIDENT/CEO:** Mike Williams, Austin • **COMMUNICATIONS & MEMBER SERVICES COMMITTEE:** Clint Gardner, Coleman; Greg Henley, Tahoka; Bill Hetherington, Bandera; Mark McClain, Roby; Gary Raybon, El Campo; John Ed Shinpaugh, Bonham; Robert Walker, Gilmer; Brandon Young, McGregor • **MAGAZINE STAFF:** Martin Bevins, Vice President, Communications & Member Services; Charles J. Lohrmann, Editor; Tom Widowski, Associate Editor; Karen Nejtek, Production Manager; Andy Doughty, Creative Manager; Elaine Sproull, Advertising Manager; Chris Burrows, Senior Communications Specialist; Paula Disbrowe, Food Editor; Grace Fultz, Print Production Specialist; Travis Hill, Communications Specialist; Gasim K. Johnson, Administrative Assistant; Jessica Ridge, Communications Specialist; Chris Salazar, Digital Field Editor; Ally Schauer, Intern; Jane Sharpe, Senior Designer; Shannon Oelrich, Proofreader

FAVORITES

- 5 Letters
- 6 Currents
- 18 **Local Co-op News**
Get the latest information plus energy and safety tips from your cooperative.
- 29 **Texas History**
Our Fearless Forefather
By Ellen Stader
- 31 **Retro Recipes**
Here's the Beef
- 35 **Focus on Texas**
Photo Contest: Family Ties
- 36 **Around Texas**
List of Local Events
- 38 **Hit the Road**
Fun in the Past Tense
By Chet Garner

ONLINE

TexasCoopPower.com
Find these stories online if they don't appear in your edition of the magazine.

Observations

From the Shambles
By Sheryl Smith-Rodgers

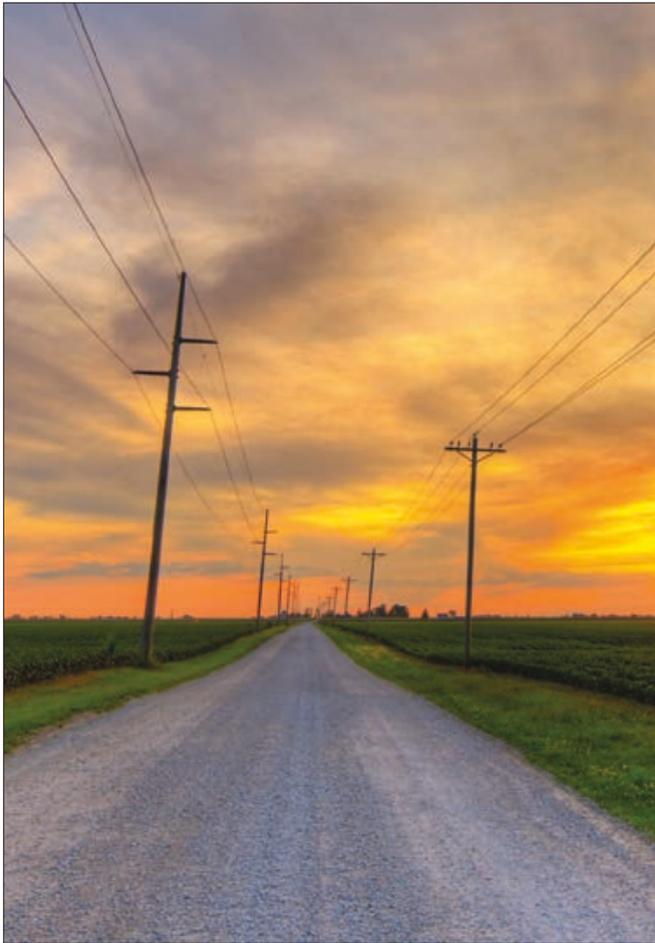
Texas USA

Caddo's Gems
By Martha Deeringer

NEXT MONTH

Which Big Bend? *Visitors to this rugged region have state and national parks as options.*





Congratulations to
Texas Co-op Power
 on 75 years of keeping Texas Co-ops
 and their members connected.

WE WISH YOU CONTINUED SUCCESS
 FOR ANOTHER 75 YEARS AND BEYOND



www.cobank.com

A Touchstone Energy® Cooperative 

© 2019 **NAVISTAR**, Inc. All rights reserved.
 All marks are trademarks of their respective owners.

INTRODUCING THE NEW INTERNATIONAL® CV™ SERIES
**BECAUSE YOU'RE READY
 TO DRIVE YOUR
 BUSINESS
 FURTHER**

8,000+ DIESEL-TRAINED TECHNICIANS
700+ DEALER LOCATIONS
 LARGEST DEALER NETWORK

CV
 INTERNATIONAL

To take your business to the next level, you need a truck designed by commercial truck experts who know it takes a rugged, versatile, and driver-focused truck to step up your game. With a rear-view camera to keep you aware of the work area, you'll stay safer on the job. You'll also gain access to dedicated diesel technicians and expert salespeople at North America's largest commercial dealer support network. It's time to grow your business with the new International® CV™ Series - a truck that's built for what's next.

Visit InternationalTrucks.com/CVTRUCK for more information.

 **IT'S UPTIME™**

No Concept of Electricity

Reading about your 75th anniversary made me think of a story my father told me when I was a kid.

Just before World War II, when they were electrifying rural western Louisiana, my father was a foreman for Brown & Root Construction. One day, he was in a small town near the Louisiana-Texas border, finishing up checking out a new substation. A group of the townspeople approached him, and one man stepped forward and said, "We hear we are going to get electric lights soon."

Dad responded with, "That's right. As soon as I am finished here, I will radio the crew over in the next town and they will turn on the power."

With that, the man asked, "How long will it take to get here?"

Dad said, "It will be here as soon as they turn it on."

Without another word, they all turned and walked away, thinking my father was making fun of them. He said he never forgot the look on the man's face as he turned away.

Today, we take electricity for granted. It's hard to imagine a time when there were those who had no concept of it.

JACK L. TYLER | ARLINGTON PEDERNALES EC

Hungry Mockingbirds

Feedin' Time [Focus on Texas, June 2019] has a photograph of a nest of unidentified baby birds. Fittingly, they are the Texas state bird—northern mockingbird (*Mimus polyglottos*).

RAY C. TELFAIR II, CERTIFIED WILDLIFE BIOLOGIST | WHITEHOUSE CHEROKEE COUNTY EC



Drive-In Dating

I dated during the late '40s and early '50s. The drive-in theater was where, on Saturday night, they only charged \$5 for a carload of people [*Drive In, Chill Out*, June 2019]. Saw many a movie there over the years.

HELEN PERRY | VIA FACEBOOK

This Little Piggy

Those working on the pig rescue program [*This Little Piggy*, May 2019] seem like caring, compassionate people. Perhaps all of us, however, need to look farther out our kitchen windows today and see something else—like Katy Hamner and Avery Graves [below, left to right] helping kids with diabetes [*A Butterfly's Touch*, May 2019].

RUTH HENSON | GOLDTHWAITE HAMILTON COUNTY EC



Flight of a Lifetime

I really enjoyed your article about ex-Navy pilot Trey Hayden taking clients over the USS Lexington in Corpus Christi [*What Moves You?*, April 2019]. I was stationed aboard the USS Bennington aircraft carrier 1962-1966. I spent my time seven decks below in the engine room. In March, Hayden took me on the flight of a lifetime.

BERNIE PHILLIP | DEVINE MEDINA EC

Great Reading

For such a little magazine, *Texas Co-op Power* has a lot of good articles. In May, you had three that were of special interest to me—the one on Tom Lea [*Tom Lea's War*], the one on R.E.B. Baylor [*Baylor, the Man*] and the one on Sul Ross State University [*Higher Education*].

Lea is one of my favorite authors. I didn't go to Sul Ross, but a couple of my classmates from Bandera High went on football scholarships.

RALPH REAVES | KINGSLAND CENTRAL TEXAS EC

GET MORE TCP AT TexasCoopPower.com

Sign up for our e-newsletter for monthly updates, prize drawings and more!

We want to hear from you!

ONLINE: TexasCoopPower.com/share
EMAIL: letters@TexasCoopPower.com
MAIL: Editor, Texas Co-op Power, 1122 Colorado St., 24th Floor, Austin, TX 78701

Please include your town and electric co-op. Letters may be edited for clarity and length.



Texas Co-op Power

TEXAS CO-OP POWER VOLUME 76, NUMBER 2 (USPS 540-560). *Texas Co-op Power* is published monthly by Texas Electric Cooperatives (TEC). Periodical postage paid at Austin, TX, and at additional offices. TEC is the statewide association representing 75 electric cooperatives. *Texas Co-op Power's* website is TexasCoopPower.com. Call (512) 454-0311 or email editor@TexasCoopPower.com. **SUBSCRIPTION PRICE** is \$4.20 per year for individual members of subscribing cooperatives and is paid from equity accruing to the member. If you are not a member of a subscribing cooperative, you can purchase an annual subscription at the nonmember rate of \$7.50. Individual copies and back issues are available for \$3 each. **POSTMASTER:** Send address changes to *Texas Co-op Power* (USPS 540-560), 1122 Colorado St., 24th Floor, Austin, TX 78701. Please enclose label from this copy of *Texas Co-op Power* showing old address and key numbers. **ADVERTISING:** Advertisers interested in buying display ad space in *Texas Co-op Power* and/or in our 30 sister publications in other states, contact Elaine Sproull at (512) 486-6251. Advertisements in *Texas Co-op Power* are paid solicitations. The publisher neither endorses nor guarantees in any manner any product or company included in this publication. Product satisfaction and delivery responsibility lie solely with the advertiser.

© Copyright 2019 Texas Electric Cooperatives, Inc. Reproduction of this issue or any portion of it is expressly prohibited without written permission. Willie Wiredhand © Copyright 2019 National Rural Electric Cooperative Association.



Texas Electric Cooperatives
A Touchstone Energy® Cooperative

HAPPENINGS

Fayette County Fair

Josh Turner and Casey Donahew are the headliners August 31 at the **FAYETTE COUNTY FAIR**, which runs **AUGUST 29–SEPTEMBER 1** in La Grange.

“If you have never seen our River View music venue, for our top entertainment, you’re missing some of the best sunset views of Central Texas,” says Michael Zuhn, a Fayette Electric Cooperative member and president of the fair, which calls itself “The Best Little Fair in Texas.”

The first Fayette County fair was in 1927. Last year, about 9,000 fair-goers came through the gates. The theme for 2019 is For the Kid in All of Us. Indeed, youths are a top priority: The fair awards 20 academic scholarships of \$1,000 each and another \$5,000 in scholarships to contestants in the fair queen pageant.

INFO ▶ fayettecountyfair.org, (979) 968-3911



WEB EXTRAS
▶ Find more happenings online.

HISTORY LESSON

PEACEMAKER TURNS DEADLY

175 years ago, in 1844, President John Tyler, who made Texas statehood a focus of his time in office, celebrated with more than 400 guests aboard the USS Princeton after a milestone annexation treaty. The newly built boat’s “peacemaker” gun—at the time the largest naval gun in the world—was showing off its power when a misfire killed six and injured several others.

Among the dead were Abel P. Upshur, secretary of state, and Thomas Walker Gilmer, secretary of the navy—well-known names in northeast Texas—who worked alongside Tyler to admit Texas as a slave state. All three were outspoken supporters of slavery.

Incredibly, two of Tyler’s grandsons, Lyon Gardiner Tyler Jr., born in 1924, and Harrison Ruffin Tyler, born in 1928, are still alive today.

◀ LOOKING BACK AT RURAL LIFE THIS MONTH



SINCE 1944, the year *Texas Co-op Power* debuted, rural Texas has faced unprecedented droughts, benefited from advancements in farm equipment and celebrated red grapefruit.

1940s

1945 An estimated 3.2 million pecan trees make Texas one of the nation’s leading pecan producers.



1945 The farm-to-market road system comes into being.

1948 A Colorado farmer invents the center pivot irrigation machine, which revolutionizes irrigation farming.

1950s

1950 Stihl unveils the first one-person, gasoline-powered chain saw.

1950 Texas’ rural population falls below 50% for the first time—to 37.3%.

1954 Social Security coverage is extended to farm operators.

1957 Texas’ historic seven-year drought ends; the state loses nearly 100,000 farms and ranches in the 1950s.

1960s

1960 International Harvester launches the Cub Cadet as the first lawn and garden tractor produced by a major tractor manufacturer.

1965 Mohair output in Texas reaches a peak when ranchers clip 31.6 million pounds from 4.6 million Angora goats.





MUSICAL NOTES

Texans Rock Woodstock

FIFTY YEARS AGO, 31 bands and more than 400,000 people turned a dairy farm in upstate New York into the site of the legendary Woodstock music festival. At least four of the musicians to play during the concert, August 15–18, 1969, were Texans: Janis Joplin of Port Arthur; Johnny Winter, with his brother Edgar, both of Beaumont; and Sly Stone of Denton from Sly and the Family Stone.

Two weeks later, the same Texas artists were among some two dozen bands at the Texas International Pop Festival, which drew upward of 150,000 to Lewisville, where CoServ, an electric cooperative in Corinth, has many members. That concert, August 30–September 1, was at the Dallas International Motor Speedway, which was demolished in 1973.

BY THE NUMBERS



August is National Eye Exam Month, and the Vision Council says about 75% of adults use some sort of vision correction.

MILESTONE BIRTHDAY

No Candles, Please



Smokey Bear turns 75 this month. On August 9, 1944, he debuted as fire prevention spokesman for the U.S. Forest Service. He is part of the longest-running public service advertising campaign in U.S. history.

Chances are he wouldn't approve of 75 candles burning on his birthday cake.

WORTH REPEATING

“If men can run the world, why can't they stop wearing neckties? How intelligent is it to start the day by tying a little noose around your neck?”

—**LINDA ELLERBEE**, an American TV journalist most known for her work at NBC News and Nickelodeon, who turns 75. She was born August 15, 1944, in Bryan.

LOOKING BACK AT TRAVEL NEXT MONTH ►

1970s

1970 Geneticist Norman Borlaug receives a Nobel Peace Prize for developing high-yielding, disease-resistant wheat.



1977 Members and supporters of the Texas Farm Workers Union march 420 miles from San Juan, in the Rio Grande Valley, to Austin in support of fieldworkers' right to vote on union representation.

1980s

1980 John Deere produces a four-row cotton picker, the first in the industry, and estimates the unit will increase operators' productivity 85%–95%.

1984 Texas researcher Richard Hensz develops the Rio Red grapefruit.

1989 The Native American Seed Company is founded in Argyle. It moved to Junction in 1995.

1990s

1993 The Legislature designates Texas red grapefruit as the official state fruit.



1994 Farmers begin using GPS to aid use of water, fertilizer and pesticides.

1995 Texas voters approve Proposition 11, which allows land used to manage wildlife to qualify for tax appraisals in the same manner as agricultural land.

2000s

2012 Texas leads the nation with 248,800 farms and ranches—far fewer than the 420,000 that existed in 1940.

2017 The Hill Country ranks second in wine tourism after Napa Valley. Texas' wine industry boosts the state's economy by \$13.1 billion and supports more than 104,000 jobs.



A Commitment to Quality of Life

ILLUSTRATIONS BY DAVID VOGIN

Since July 1944, *Texas Co-op Power* has been a trusted voice for Texas electric cooperatives, bolstering a movement to light up rural areas and tell the stories of people who live there. The magazine's mission to empower rural communities has been the constant behind the headlines.

Following World War II, *Texas Co-op Power* fought for the very existence of electric cooperatives and the Rural Electrification Administration. The headlines reflected the intensity of the battle: *Phony Campaign Aimed at Co-ops* or *Utility Lobby Unveils Its Power Grab Plan*.

In the '40s and '50s, the magazine amplified the voices of farm families disenfranchised from electric power, countering outlandish charges that co-op members were communists or that nonmembers were taxed to support rural electricity.

The co-ops' life-or-death struggle with investor-owned utilities evolved into community building through shared information. The magazine's focus shifted to optimizing the opportunities offered by electricity and answering questions about new appliances for the recently electrified farm.

The magazine set its sights on identifying challenges and outlining solutions, whether it was describing the home of the future or simply explaining how to use a waffle iron. And not all policy talk was about power. One 1982 article outlined a tough forecast for agriculture, noting that, in 1981, a bushel of corn that sold for \$2.40 cost a farmer \$3.11 to produce.

Rural Texans are not as isolated now as they were in the days before electricity. Yet, *Texas Co-op Power* remains a valued resource for understanding the fundamental changes technology brings.

For our 75th anniversary, we reflect on the magazine's work to educate readers on the benefits the cooperative model affords—to shine a light on the fruits of cooperation. Whether it was the glow of a homestead's first lightbulb or the gentle hum of a modern family's new electric vehicle, *Texas Co-op Power* explained these advances. And when the next mystifying technology inserts itself into your life, we'll be there, too.

BY CHARLES LOHRMANN | EDITOR



THE DOMESTIC ELECTRIC

In the 1930s and 1940s, power lines newly installed across the countryside didn't just deliver light. As the once-quixotic prospect of an electrified rural home became a reality, the electricity the lines carried ultimately delivered families from the drudgery of onerous, time-consuming chores that many urban residents had already dispensed with. Quotidian routines could be accomplished faster and with less tedium, and tasks that once were tethered to the sun's schedule could now be completed under a lightbulb's glow.

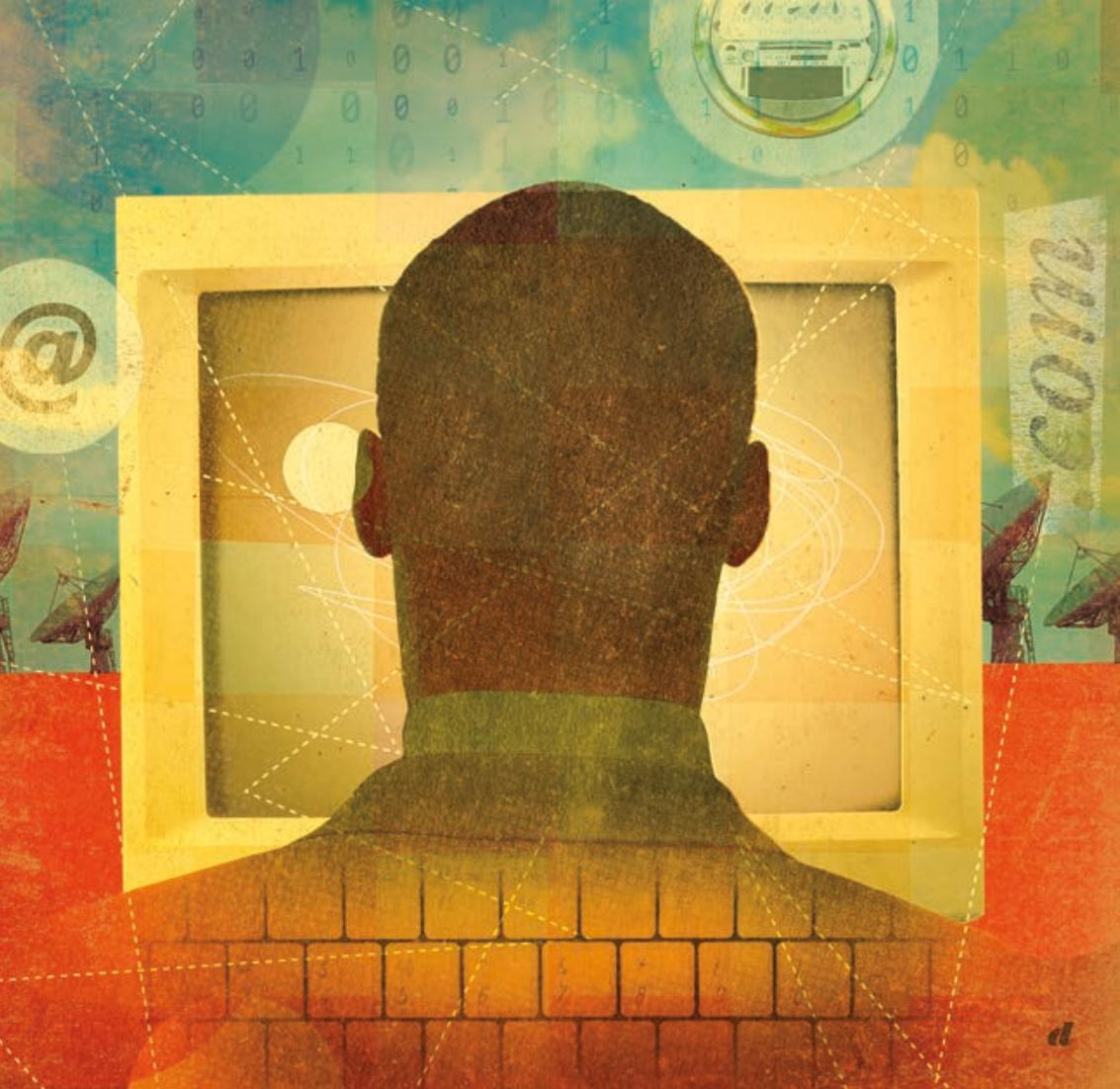
Amid this development, *Texas Co-op Power* consistently advocated readers' parity with urban dwellers. As the November 1944 issue asserted, "New or old, the farm home that has high-line electric service easily can and should have as modern a kitchen as any found in the most up-to-date city residence." That story detailed the timesaving benefits of an electric range, refrigerator and dishwasher while also cautioning readers to proceed sensibly. Noting that the expense of a modern kitchen could be financed, the magazine offered an alternative for readers loath to take on consumer debt: "You can install it piece by piece as your income permits."

The Cranek family, members of Wharton County Electric Cooperative, took advantage of this convenience. Before getting an electric range in 1943, Mrs. L.V. Cranek cooked on a wood stove, and in July 1951, she told *Texas Co-op Power* that the range was "just like a dream in comparison." The homemaker didn't mince words when she summed up the difference electric light and appliances made: "Before rural electrification the farm was no pleasant place to live."

From its earliest days, *Texas Co-op Power* has provided safety tips and practical guidance to help readers derive the greatest value from the life-changing innovations rural Americans had for so long gone without. In particular, thrift achieved through timely maintenance has been a refrain. "Major repairs, or replacements, can often be avoided by proper care of your appliances and by making minor repairs," the August 1950 issue advised. "By these preventative measures, you can realize the fullest efficiency, value, and longevity from household tools."

It's advice that has stood the test of time—just like this magazine.

BY JESSICA RIDGE | COMMUNICATIONS SPECIALIST



THE DIGITAL AGE

Let's face it. The digital age has been hard slogging for those of us raised during the typewriter age. I am happy to say that *Texas Co-op Power* has been helping educate us about digital technology since the '70s.

The earliest tech reports dealt mainly with the billing process. Readers later learned of electronic meter-reading technology, cooperative-provided satellite TV, computer programs designed to simplify and quantify farm and ranch operations, and software that could digitally monitor entire electrical systems. I particularly enjoyed a 1986 column titled *Memo From Mary* explaining how new "cellular telephones" allowed you to "make a telephone call from anywhere, your car, the beach, or from a picnic table." What a wonder.

Co-ops worked hard in the '90s to help rural areas keep up. For example, Fayette Electric Cooperative helped organize a Texas Rural Internet Conference. Many co-ops developed internet services and created their own digital homepages with practical advice about all things electrical. Co-ops pushed to get

rural school libraries and hospitals wired.

A handy new column named *Dot.com Corner* was born in 2000, the year I went to work for the magazine. In 2001, I wrote a story called *Cyberspace Country*, for which I visited co-op members Don and Diane Harmeier, who had been able to get a dedicated T1 phone line, enabling them to operate a software company on their ranch 8 miles outside Kerrville. It was 50 times faster than the commonly available dial-up service.

Texas Co-op Power and local cooperatives vigorously advocated and frequently provided greater communications services for co-op members such as the Harmeiers. Today, most members speed confidently along the information highway. But many rural Texans still can't get fast fiber-optic internet like I have in Austin because it requires digging underground and laying cable at great expense. Google just offered my neighborhood Fiber 1000, which can download a high-definition movie in 43 seconds. But, co-op folks, be consoled by how far service has come. In 2001, when I was checking what rural areas could get, it took many long hours to download just a short video on a dial-up connection. Stream on.

BY KAYE NORTHCOTT | EDITOR 2001-2010

A few miles west of Marfa, along state Highway 90, is a delightful art installation celebrating the iconic movie *Giant*, a larger-than-life celebration of the mythic Texas oil industry. The '50s classic, starring Elizabeth Taylor, Rock Hudson and James Dean, was filmed on a nearby ranch.

What we don't have, but should, is a movie celebrating the unsung efforts of those scientists, engineers, technicians and, yes, electric co-op professionals who have been working to harness the wind, sun and other renewables. Flip through the past 40 years of *Texas Co-op Power*, and you won't find material for a modern-day Taylor-Hudson love story—though when I was editor, we staged a James Dean look-alike cover—but you will find articles chronicling efforts to find alternatives to fossil fuels. It's an ongoing story of the exotic becoming the everyday.

In 1971, the talk was of electric tractors. In 1978, it was a solar satellite that would beam electricity back to earth by microwave. *Texas Co-op Power* reported in 1980 that Sen. James McClure of Idaho foresaw electric cars dominating American highways by 2000. The senator's prediction was a bit optimistic, and yet other "experimental" efforts the magazine explored have gone mainstream.

Near Tulia, in 1979, a wind turbine located on a Swisher Electric Cooperative member's farm was help-

ing irrigate corn and grain sorghum fields. In 1980, Lighthouse Electric Cooperative was involved in a solar "power tower" project to help meet the power needs of Crosbyton. The power tower used the sun's energy to produce steam, which drove a conventional turbine.

Also in 1980, Elton McGinnes, manager of Southwest Texas Electric Cooperative in Eldorado, told *TCP* about a geothermal resources committee that was overseeing probes into the earth in search of temperatures high enough to generate electricity.

In 2004, *Texas Co-op Power* proclaimed the West Texas town of McCamey the "wind energy capital of Texas." The magazine reported that hundreds of "monolithic metal giants with three-pronged blades" had brought renewed prosperity. "The wind power source will never be capped. There will always be potential," Walt Hornaday of Cielo Wind Power enthused.

The magazine also quoted a United Nations study concluding that Texas had more renewable energy in wind, solar and biomass than any other state.

Can't you just see it? Today's Rock Hudson and Elizabeth Taylor—George Clooney maybe? Jennifer Lopez?—standing on the porch of their rambling solar-powered ranch house and staring contentedly into the distance at giant, white windmills, blades turning in the West Texas breeze, producing energy forever renewed. And the new James Dean to play Jett Rink? Maybe he plays a poultry farmer, relying on the West Texas sun to keep his birds warm and healthy.

BY JOE HOLLEY | EDITOR 1998–2000



VEHICLES OF THE HEREAFTER

The future, it seems, is a fickle friend. It always gets here faster than expected, yet it ever lingers as some distant dream. Our high-tech way of life has changed more radically than we could have imagined 25 years ago—but we still are not zipping around through time and space like the folks on *The Jetsons*.

Back in 1893, the *Abilene Reporter* noted distant rumblings of “an important change in the method of municipal transport.” Stages or carriages, the paper observed, might soon move London’s populace about by means of electric power. “Storage batteries are to be used. No one ... will deny that the perfection of the storage battery will make this possible.”

By the time *Texas Co-op Power* came along, the internal combustion engine had long displaced such electro-transport visions as the German Elektrowagen. More recently, as scientists warn of the dangers of climate change, the electric vehicle has returned as an alternative. And the magazine has been riding shotgun to report the news.

In 1998, the magazine reported on the development of the Toyota Prius, “the world’s first mass-produced hybrid-electric passenger car that doubles the efficiency and halves the emis-

sions of a comparable conventional car.” The following year, then-editor Joe Holley explained that the Prius used both electric power and a gasoline engine, with an onboard computer that “automatically switches” between them or utilizes a combination of the two.

Today, drivers can choose from dozens of hybrid and all-electric vehicles. As *Texas Co-op Power* noted in 2010, “By 2040, 75 percent of the light-duty vehicle miles traveled in the U.S. should be electrically powered.”

Another futuristic gizmo, the drone, has acquired the problematic reputation of being flown dangerously close to commercial airliners. Yet as the magazine reported in 2017, Pedernales Electric Cooperative linemen deployed the remote control quadcopters to repair lines after the Blanco River flooded in 2015, restoring power in hours instead of days.

George and Jane Jetson, we’re catchin’ up at *Texas Co-op Power*.

BY GENE FOWLER | TEXAS CO-OP POWER CONTRIBUTOR





SMART LIFE

I am a technophobe. I'm doing well to operate a cell-phone and a laptop. So I wondered, how did I end up writing about high-tech "smart life" for this 75th anniversary issue of *Texas Co-op Power*? Then I remembered a story I wrote for the magazine back in 2011: *High-Tech Co-ops Changing Energy Realities*. I visited five co-ops across the state where the introduction of new technology made a significant difference to co-op members. Some were seeing the benefits of the "smart grid," while others were enjoying making their own energy with the help of the wind, and still others were monitoring their energy consumption at home from their personal computers.

The story was not an abstract, speculative treatise on technology. This was real life with real people. The co-op staff and members I met showed me how technology, rather than being intimidating, was something that could make life easier by saving time and money.

Looking back over 75 years, it is clear that co-ops were on the forefront of high-tech developments such as the "smart house," a concept introduced back in 1987 in *Texas Co-op Power* and actually constructed with co-op sponsorship in 1993.

Remember when there was no internet? No tweets? No electronic meter reading? All of which are taken for granted now. The internet alone has altered life with its seemingly infinite capability to deliver information, from the price of hog bellies on the stock exchange to how to make the perfect mac 'n' cheese. You've already heard about the "internet of things" in the pages of *Texas Co-op Power*, and you're sure to hear more as cloud-based apps further enable communication between your smartphone and appliances and electronic systems in your home.

Not only does *Texas Co-op Power* inform readers about new technologies on the horizon, it helps you understand how they work and what the benefits will be. The magazine can fill that role because it's a trusted voice and echoes the sentiments of a general manager who once said, "Before we adopt any technology, we look at how it will make us more efficient and benefit our members."

So maybe I'm really not afraid of high tech, after all. I just need a little *TCP TLC*.

**BY CAROL MOCZYGEMBA | LONGTIME STAFF MEMBER
AND EXECUTIVE EDITOR 2007-2013**



THE FUTURE NOW

The robotic assistants and flying cars promised by the golden age of science fiction still haven't materialized in Texas' homes and garages, but plenty of seemingly sci-fi technologies have. This next generation of tech—the culmination of decades of advances in biotechnology, computer sciences, nanotechnology and engineering—exists mostly in labs and in the cloud (or clouds). But some of it is already starting to show its potential for our everyday lives. The future is now.

For decades, farmers have envisioned a time when automation could put some of their workload in the hands of machines—Willie Wiredhand instead of Willie farmhand. In January 1971, Dick Pence, *Texas Co-op Power's* Washington correspondent, wrote about such visions: "The research quest for new machines and instruments has produced some exotic-sounding ideas ... electric-powered laser beams to control the depth of laying drainage pipe; computer-controlled feeding; electrostatic separation of seeds during cleaning processes; portable sensors to measure how much water plants lose during growth; and dozens of other devices."

But even Pence likely couldn't have imagined how drones equipped with powerful infrared cameras, automation software and GPS tracking could be used

to monitor crops from the air without the farmer ever having to get up from his desk. In April 2017, *Texas Co-op Power* wrote about that technology, which Juan Landivar, Corpus Christi director for the Texas A&M AgriLife Research and Extension Center, told us was still a few years away from commercial viability.

Such technologies have the power to revolutionize agribusiness. Other tech promises to change the way Texans do business, travel, interact and, well, live. That's why we've got our eye on advancements such as 5G wireless technology, which may one day make broadband obsolete with its superior wireless connection speeds. And artificial intelligence promises to one day drive our cars for us, produce works of art and defend our skies.

Then there's wireless electricity. Long dreamed about, it already exists today in the form of wireless pads that charge cellphones, for example. Researchers are looking to apply that concept on a much larger scale. An oddly shaped tower with a metal ball at its peak, along Interstate 35 East in Ellis County, is part of one such study, run by scientists at Viziv. Their goal is the wireless transmission of electricity over large distances.

"The Viziv surface wave systems will improve the quality of life for people everywhere by enabling the delivery of affordable electricity throughout the world," the company's website reads.

If they're ever successful, rest assured, we'll let you know.

BY CHRIS BURROWS | SENIOR COMMUNICATIONS SPECIALIST



3DAYBLINDS®
YOU'LL LOVE THE TREATMENT

CUSTOM BLINDS, SHADES,
SHUTTERS & DRAPERY



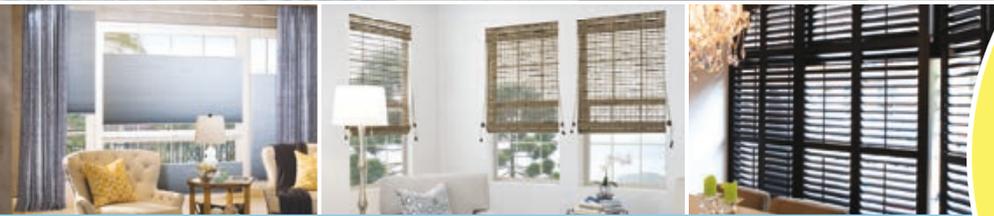
Celebrate with SAVINGS!



Ask About The Benefits Of Layering With Drapery

HURRY!
Limited Time Offer!

BUY 1 GET 1
50%^{*}
OFF
on Custom Blinds,
Shades & Drapery



Call To Schedule Your **FREE**
In-Home Design Consultation

1-888-497-0722

or visit www.3DayOffer51.com



WE DESIGN, WE MEASURE, WE INSTALL, YOU RELAX!®

*This offer must be presented at the time of purchase. Offer valid on 3 Day Blinds brand products only. Buy 1 window covering and receive the 2nd one of equal or lesser value at 50% off! Offer excludes Shutters, Special Orders, installation, sales tax, shipping and handling. Not valid on previous purchases or with any other offer or discount. Offer Code BGXB. Offer Expires 11/30/19. 3 Day Blinds LLC has the following licenses: AZ ROC 321056, CA #1005986, CT HIC.0644950, NJ #13VH09390200, OR #209181, PA #PA107656, WA #3DAYBDB842KS, Nassau County, NY Home Improvement License H01073101, Rockland County, NY #H-12401-34-00-00. © 2019 3 Day Blinds LLC.





25
YEAR
GUARANTEE



NEVER SEAL YOUR WOOD OR CONCRETE AGAIN

PERMANENT ONE-TIME SOLUTION



**25%
OFF**
WITH THIS AD

- We clean, restore & permanently preserve your product.
- Prevents wood from rotting, decaying and further damage from moisture.
- Repels mold, mildew & fungus growth.
- Prevents concrete from pitting, flaking, dusting and scaling.
- Prevents salt & alkali damage.
- Backed by technology.

Free Estimates

844.481.6862

PermaSealUSA.com

BEST BUY WALK-IN BATH TUBS



Call us, don't wait another day. Our products have been made in Texas since 2006. We customize, so why pay for something you don't want. Get exactly what you want at an affordable price. So stop struggling and start enjoying your bath again. Call us for an in home no pressure presentation. What do you have to lose?

Visit our showroom at 3411 E. Hwy. 377 in Granbury.

**WE INSTALL
ACROSS
TEXAS!**



888-825-2362 www.bestbuywalkintubs.com

E-NEWS IN YOUR INBOX SIGN UP TODAY

TCP E-newsletter

Get links to our best content delivered to your inbox each month! Feature stories, recipe and photo contest winners, monthly prize drawings— get it all in the e-newsletter!



SIGN UP TODAY AT

TexasCoopPower.com

“To you, it’s the perfect lift chair. To me, it’s the best sleep chair I’ve ever had.”

— J. Fitzgerald, VA



NEW Footrest Extension for even more head to toe support.



Sit up, lie down — and anywhere in between!

Easy-to-use remote for massage, heat, recline and lift

We’ve all had nights when we just can’t lie down in bed and sleep, whether it’s from heartburn, cardiac problems, hip or back aches – it could be a variety of reasons. Those are the nights we’d give anything for a comfortable chair to sleep in, one that reclines to exactly the right degree, raises feet and legs to precisely the desired level, supports the head and shoulders properly, operates easily even in the dead of night, and sends a hopeful sleeper right off to dreamland.

Our Perfect Sleep Chair® is just the chair to do it all. It’s a chair, true – the finest of lift chairs – but this chair is so much more! It’s designed to provide total comfort and relaxation not found in other chairs. It can’t be beat for comfortable, long-term sitting, TV viewing, relaxed reclining and – yes! – peaceful sleep.

Our chair’s recline technology allows you to pause the chair in an infinite number of positions, including the lay flay position and the zero gravity position where your body experiences a minimum of internal and external stresses. You’ll love the other benefits, too: It helps with correct spinal alignment, promotes back pressure relief, and encourages better posture to prevent back and muscle pain.



This lift chair puts you safely on your feet!

And there’s more! The overstuffed, oversized biscuit style back and unique seat design will cradle you in comfort. Generously filled, wide armrests provide enhanced arm support when sitting or reclining. The high and low heat settings along with the multiple massage settings, can provide a soothing relaxation you might get at a spa – just imagine getting all that in a lift chair! It even has a battery backup in case of a power outage. Shipping charge includes white glove delivery. Professionals will deliver the chair to the exact spot in your home where you want it, unpack it, inspect it, test it, position it, and even carry the packaging away! You get your choice of bonded stain and water repellent leather or plush microfiber in a variety of colors to fit any decor. **Call now!**

The Perfect Sleep Chair®
1-888-723-7111



Please mention code 111018 when ordering.

Because each Perfect Sleep Chair is a custom-made bedding product, we can only accept returns on chairs that are damaged or defective.

Long Lasting DuraLux Leather

Tan Chocolate Burgundy Blue



DuraLux II Microfiber

Burgundy Cashmere Chocolate Indigo



© 2019 firstSTREET for Boomers and Beyond, Inc.

Telling the Story of Cooperatives for 75 Years



MESSAGE FROM
GENERAL MANAGER/CEO JEFF LANE

IF YOUR MAILBOX IS ANYTHING LIKE mine, it seems to fill up nearly every other day with unwelcome deliveries.

We're bombarded with unsolicited advertisements and credit card offers, most of which go straight into the recycling bin. Then, invariably, come the bills—those sometimes unpleasant but unavoidable pieces of mail.

Sometimes, however, that mix of creased and crumpled papers includes an item we actually welcome. Perhaps this

and your family. In fact, this magazine is one of the primary vehicles through which TVEC fulfills Cooperative Principle No. 5, Education, Training and Information. Through these pages—and online—we communicate directly with you, our members, about matters that are important for the cooperative. We also share tips on maximizing the energy efficiency of your home and offer safety information that may even save your life. And as technology continues to advance at a sometimes overwhelming pace, we use this magazine to help you understand how new technologies fit into your daily life.

But the magazine offers so much more than that. It's also a key component in our efforts to enrich members' lives and uplift our communities. Were it not for this magazine, you might not be aware of all the local charitable work the co-op supports or how you, too, can lend a helping hand in our area through programs such as Operation Round Up. And by reading stories about history, nature and the outdoors, travel destinations and more, our members become more informed about our extraordinary state.

Throughout the years, *Texas Co-op Power* has connected co-op members near and far. A contest-winning recipe by a member in one part of the state has the power to bring a family together at a dinner table hundreds of miles away. A letter to the editor from a reader in the Panhandle may spur a response from another on the Gulf Coast, and a conversation begins. A feature about the work of a Southwest Texas woman to raise awareness about a serious health condition can—as we've seen—inspire others from across the state to pitch in, and a movement is formed.

Of course, through the internet, we have access to countless sources of information and ways to connect. But there's nothing quite like holding this magazine in your hands and knowing that it's made especially for you—our co-op members—and with your best interests in mind.

So, as *Texas Co-op Power* reflects on 75 years of empowering rural Texans, know that you, too, are a part of that history. And with each new issue you read, you carry the story of the magazine—and the cooperative message that it imparts—into the future.

COOPERATIVE PRINCIPLE

EDUCATION, TRAINING AND INFORMATION

Cooperatives provide education and training for their members, elected representatives, managers and employees so they can contribute effectively to the development of their cooperatives. They inform the general public, particularly young people and opinion leaders, about the nature and benefits of cooperation.

magazine you're reading right now is one such item—I know it is for me and the employees of Trinity Valley Electric Cooperative. But we're not the only ones. Since the first issue in 1944, generations of rural electric cooperative members have found value within the pages of *Texas Co-op Power*. And this month, as the magazine celebrates its 75th anniversary, I invite you to join me in recognizing the invaluable role it has played as a trusted voice for Texas electric cooperatives.

Every month, *Texas Co-op Power* is delivered to your mailbox to entertain, enlighten and, most importantly, educate you



TVEC | DON JOHNSON

Co-op Connected: Four Mile Lutheran Church

Founded in 1848 on Four Mile Prairie, the small congregation has maintained a foundation of faith for Lutherans around the area.

Much like today, the early days after Texas joined the United States saw waves of people coming to make a new home and fortune in the Lone Star State.

The opportunity for making a new life in Texas was a draw in 1847 when Johan Reiersen led a group of Norwegian Lutherans to Four Mile Prairie in western Van Zandt County.

After a daunting journey across the Atlantic, going by land from New Orleans to East Texas and a short stay in what is now Brownsboro, the group settled and came together to form what is now the oldest Lutheran church in the state of Texas.

The church's cemetery tells the tale of the early pioneers, and the small white buildings stand in contrast to the surrounding oaks and elms in a way reminiscent of a historic illustration. Tucked back off of any main thoroughfare, finding the church is like coming upon a scene from the past.

Fortunately, the church's history was captured in the letters of prolific writer Elise Waerenskjold, who worked in the church for a time. Her correspondence was of such a quality that they were compiled into the book *The Lady With a Pen*, keeping the deep roots of the church's place in history for all to read.

By 1860, the nearby community of Prairieville was booming, and contributing to the local economy and civic projects. Elise's husband, Wilhelm Waerenskjold, was hired to furnish building materials for the new Kaufman County Courthouse.

According to *The History of Van Zandt County*, "No more industrious, patriotic, self-supporting people have ever settled in Van Zandt County than these hardy Norwegians."

The Civil War put a major strain on the economies and families throughout the country, and Prairieville saw its share of turmoil. The Norwegians were generally sympathetic to the north and were against slavery, which caused friction in the community.

Then in 1868, the community and the church at its core was tested by the departure of many key families who moved to Bosque County after sickness swept through the community, killing some 12 people in 1867 alone.

Despite the losses, the church remained steadfast in its mission and ministry to its part of the Texas landscape.

"Now, our mission is the same as always, but we have the same struggles as any modern church," said Ted Swinford, who serves as president of the church council. "How do you reach a generation that has grown up on iPhones and the internet, and get them to see what it means to be a part of something like this?"

If history is any indicator, the church has a great future ahead no matter the changes that come.



The church's cemetery has graves dating back to early settlers from Norway.

Electricity 101: The Flip of a Switch

Have you ever wondered why they call it electricity?

IT'S NAMED AFTER THOSE TINY PARTICLES OF ATOMS CALLED ELECTRONS, AND THAT'S the place to start in understanding how power plants make something that reliably lights your home with the flip of a switch.

Getting all those electrons to march together inside a wire has been described as one of civilization's greatest and most complex engineering feats.

Just about all electricity starts with the same scientific phenomenon: Spinning a magnet inside a coil of wires generates electricity. That's why, deep inside most power plants, are large turbines turned by different means—the pull of gravity on water at a hydroelectric dam; the rising heat from burning coal or natural gas at a fossil fuel station; atomic energy at a nuclear power plant; or wind turning the blades of a wind turbine. One exception is solar energy, which uses materials that produce electricity when they're activated by sunlight.

Most large generating plants need large banks of transformers to boost the voltage of the electricity for the trip of hundreds of miles through wires held up by tall transmission towers. As it nears your neighborhood, the voltage is reduced at one of those fenced-in complexes of wires and transformers called a substation. As the electricity gets closer to your home or business, the voltage is reduced again with smaller transformers, which you can typically see mounted on a nearby utility pole or inside a ground-level green box.

Beyond these basics, all that flowing electricity needs to be coordinated so it gets to the right house just as it's needed. That's where Trinity Valley Electric Cooperative comes in. Our line crews take care of our distribution lines that bring the power to your home. This highly trained team performs routine maintenance to keep the lines in good order and responds quickly to restore power whenever there is an outage.

When you think about it, that's a lot of power in the simple flip of a switch!



STEVE DEBENPORT / ISTOCK.COM

Help Neighbors Keep Cool

IT'S HARD ENOUGH TO ENDURE THE summer heat when you're healthy, fit and have an air-conditioned home. But not everyone may be as prepared as you are.

Keep an eye on your neighbors and others who might need help getting through the hottest summer days, which can put people at risk for heat-related illnesses and can exacerbate existing medical conditions.

Doctors recommend that you spend the hottest part of a sweltering summer day indoors enjoying the air conditioning.

But for those whose homes don't have air conditioning or who can't afford to turn it on, the risk is acute. That's especially true for the elderly and ill, who could be at risk for heatstroke or even death.

If you know someone whose house might get too hot to handle this summer:

- ▶ Call them or stop by to check on them every day.
- ▶ Arrange a phone tree so others can help check on neighbors who live alone when you're not able to.
- ▶ Encourage neighbors or family members to use air conditioners during the hottest part of the day or spend it in an air-conditioned public place, like a mall or library.
- ▶ If you find someone in medical distress because of the heat, call 911.
- ▶ Show your neighbors you care enough to check in. You could save someone's life.

Hurricane Preparedness

Hurricane Season is June 1- Nov. 30.

Preparedness Checklist:

- ✔ [Make an Evacuation Plan.](#) Find activated evacuation routes here: DriveTexas.org or by dialing (800) 452-9292. Call 2-1-1 to find out if you live in an evacuation zone.
- ✔ [Sign-Up for Emergency Alerts.](#) Make sure your device is enabled to receive Wireless Emergency Alerts (WEAs).
- ✔ [Prepare an Emergency Supply Kit.](#) Learn how to build an emergency kit here: <https://www.ready.gov/build-a-kit>
- ✔ [Review Your Home Insurance Policy.](#)
- ✔ [Register with State of Texas Emergency Assistance Registry \(STEAR\):](#)

<https://STEAR.dps.texas.gov> or by dialing 2-1-1 if you live in evacuation zone and:

- have a disability or medical needs and do not have a car or other vehicle to use in an evacuation.
- have a disability or medical needs and do not have friends or family to help in an evacuation. **STEAR Registry information collected is confidential**

Hurricane Preparedness Online Resources:

- Texas Division of Emergency Management Website: www.dps.texas.gov/dem
- Texas Department of State Health Services: www.texasprepares.org
- American Red Cross: www.redcross.org
- U.S. Department of Homeland Security: www.ready.gov
- Office of the Texas Governor Greg Abbott: www.gov.texas.gov



Water, Water Everywhere— But Not Near Electricity

SPONGE_PO | ISTOCK.COM

DURING SUMMER MONTHS, YOU'RE LIKELY TO TAKE MORE showers than usual since there's more swimming, sports and yardwork going on. That makes it a good time to make sure your bathroom is a safe place.

The bathroom is one of the few places in the home where electrical appliances and water have a great chance to meet—and a great chance to cause electrical shock or death. If you have kids, the bathroom can be a room of hazards, electrical or otherwise, waiting to happen.

But it doesn't have to be. **Try these tips to dampen the danger:**

- ▶ All power outlets in the bathroom should be equipped with ground-fault circuit interrupters, which can sense when an electric current is improperly grounding and automatically shut down the power, potentially preventing a nasty shock.

- ▶ Use a bathmat with a nonskid bottom and use a nonslip mat or decals on the floor of the tub. 60149967003

- ▶ Keep medications and vitamins in their original containers to avoid confusion, and always choose child-resistant caps. Keep medications and cleaning supplies locked away if there

are small children in the home.

- ▶ Make a storage space under the counter and out of the way for hair dryers, curling irons and other electrical appliances that could be hazardous with water contact. Educate children on the dangers of mixing water and electricity.

- ▶ Never handle electrical appliances when your hands are wet or you are standing in water.

- ▶ Any exposed or frayed wiring in the bathroom—and anywhere else inside or outside your home—should be addressed and repaired immediately.

- ▶ Check the temperature of bathwater and turn the tap off before putting children in the tub. Tap water can instantly scald if it is too hot. Lower the temperature on your water heater to 120 degrees to guard against burns, but keep bathwater at 100 degrees or lower. Also, never leave children unattended during bath time.

- ▶ Use only electrical appliances and cords that bear the label of an independent testing laboratory, such as Underwriters Laboratories.

SAVE THE DATE

2019

TVEC

TRINITY VALLEY ELECTRIC COOPERATIVE

**ANNUAL
MEMBERSHIP
MEETING**

**REGISTRATION AT 6 P.M.
CANTON CIVIC CENTER
CANTON, TX**

WATCH FOR THE OFFICIAL NOTICE AND
BALLOT FOR DIRECTOR ELECTIONS IN
THE SEPTEMBER ISSUE OF
TEXAS CO-OP POWER.

OCTOBER 10TH



BORTONIA | ISTOCK.COM

Don't Touch That Dial

IT'S SO TEMPTING TO TURN THE THERMOSTAT DOWN TO FREEZING COLD WHEN YOU walk into a warm house on a hot day. Don't do it.

Setting the thermostat at a very low temperature won't cool your house any faster than setting it to the temperature that you regularly use to feel comfortable.

In fact, lowering the thermostat beyond the temperature you desire only makes your air conditioner run longer, not faster. You could end up paying more money for an uncomfortably chilly house.

Here are a few other energy-saving tips for summer:

- ▶ Install a smart thermostat. It will "learn" your family's habits and adjust temperatures accordingly, setting the temperature higher for hours when the house is empty and lower during your at-home hours. It takes less energy to recool your home when you return than it does to keep it cool while you're gone.
- ▶ Set the thermostat at 78 degrees. You'll save about 15% on your cooling bill versus a 72-degree setting.
- ▶ Use ceiling fans (rotating counterclockwise) to provide additional comfort, but only run them when the room is occupied. Fans cool people, not rooms.
- ▶ Change or clean your heating, ventilating and air conditioning system's filter. Changing your air filter keeps the air in your home cleaner, improves cooling performance and lengthens the life of your HVAC system. Filters should be cleaned or replaced at least every three months (or more often, depending on system requirements). High-quality HEPA filters will yield the best results.
- ▶ Keep lamps and other heat-emitting devices—like TVs and large electronics—away from the thermostat. Most appliances heat up when you use them, so they can trick the thermostat into "thinking" the air is warmer than it really is, causing your HVAC system to keep running when the house is already cool.
- ▶ If you let the morning sunlight into your bedroom to help you wake up naturally, it could add to your energy bills during the day if you leave the blinds open for too long. Before you leave the house for the day, close your curtains and window shades to keep the sun's heat out.
- ▶ If you use room air conditioners, fit them snugly into window frames.



TRINITY VALLEY ELECTRIC COOPERATIVE

A Touchstone Energy® Cooperative

Operating in Anderson, Dallas, Henderson, Hunt, Kaufman and Van Zandt counties

BOARD OF DIRECTORS

- Howard Tillison, Chairman, District 6
- Carolyn Minor, Vice Chairwoman, District 1
- Jo Ann Hanstrom, Secretary, District 4
- Jerry Priest, District 2
- Paul Weatherford, District 3
- Edward Reeve, District 5
- David Lang, District 7

GENERAL MANAGER/CEO

Jeff Lane

Kaufman District Headquarters

1800 E. Highway 243, Kaufman

Athens District Office

909 W. Larkin St., Athens

Cedar Creek District Office

1012 W. Main St., Ste. 102
Gun Barrel City

Wills Point District Office

582 N. Fourth St., Wills Point

Lobby Hours

Monday-Friday, 8:15 a.m.-4:45 p.m.



Contact Us

For information during office hours and outages after hours

CALL US

(972) 932-2214 local or
1-800-766-9576 toll-free

24-HOUR AUTOMATED ASSISTANCE

1-800-720-3584

24-HOUR OUTAGE REPORTING

1-800-967-9324

FIND US ON THE WEB AT
tvec.net



Hand Up Network Meets Needs With Volunteer Teams

First responders and even power line crews do a great job responding to disasters and emergency events. But once the immediate safety concerns are taken care of and first responders get back to, who takes care of the needs of the community?

That is where the Hand Up Network group of response teams and personnel step in. “We are focused on the long term, bringing teams of local people who are dedicated to long-term work to help rebuild and get the community back in the position they were in before anything happened,” said Sam Smith, CEO of Hand Up Network. “First responders look to us to help manage volunteers that want to be a part, and we can do that with teams based on the specific needs for any situation. It could be tarp crews for roof damage, or medical teams, chain saw teams or even prayer and emotional support. We do a little bit of everything.”

Hand Up Network works in 37 East Texas counties, including all of the TVEC service territory.

Most recently, their teams were in place ahead of this year’s tornadoes near Canton and Cedar Creek Lake, and they had crisis response personnel on site after the tragic school bus crash in Athens.

“Our entire network is basically for anyone in need,” Smith said.

“Any incident that happens, you can be confident that someone from our network will be there almost immediately.”

To accomplish this, Hand Up Network uses technology and a lot of communication among volunteers.

“It is easy to be a volunteer; all you have to do is sign up on our website and then we can find out what skills you have,” Smith said. “And we can use anyone. For any abilities you have, we can likely find a place for you, should the need arise. That doesn’t mean that if you sign up today you will be needed tomorrow, but knowing what skills you have means we can develop teams quickly and when it is time to respond, we can put together a team of people with the right skills to take care of the needs in that particular situation.”

For more information or to volunteer, visit handupnetwork.com.



Jessica Richardson and Sam Smith accept an Operation Round Up grant from TVEC’s Kari Wilmeth.

Hand Up Network
\$2,500

THE TVEC CHARITABLE FOUNDATION recently awarded seven grants totaling \$16,500. Recipients of the grants include the above and:

Brownsboro ISD Education Foundation - \$2,000

Henderson County Young Life \$2,000

Senior Connect, Kaufman \$5,000

Casey’s Place, Kaufman \$2,000

Wills Point Middle School Backpack Program - \$2,000

Henderson County 4-H Adult Leader Council - \$1,000

Win \$25 Just for Reading

Somewhere, hidden on Pages 18-23, is a TVEC account number. Read closely. If the account number is yours, contact the Member Services Department by August 30 to receive a \$25 credit on your electric bill. Don’t miss out—you could be a winner.



Founded in 2013, the TVEC Charitable Foundation is an independent, nonprofit organization. The foundation was created to serve the community and help improve the quality of life for residents in our service area. **The foundation is funded entirely by donations from TVEC members who participate in Operation Round Up.** For more information, please call 1-800-766-9576 or visit tvec.net.

Caddo's Gems

East Texas lake once teemed with pearl hunters

BY MARTHA DEERINGER

PEARLS, TREASURES FOUND IN THE FLESH of oysters, clams and mussels, were well-known and prized in 20th-century America. That's why a Japanese immigrant's 1909 discovery at Caddo Lake sparked a Texas version of the gold rush.

Sachihiko Ono Murata, believed to be the educated son of a Japanese admiral, served several years as a captain's personal chef aboard a U.S. Navy ship in the Pacific fleet before settling on the north shore of Caddo Lake around 1905. The largest natural lake in Texas, Caddo stretches 25 miles along the Louisiana border. Murata loved the lake's cypress trees and found a job cooking for workers on the oil rigs that dotted the lake.

The shallow lake, originally formed by a massive logjam on the Red River that was removed and replaced in the early 1900s by an Army Corps of Engineers dam, teemed with freshwater mussels, which Murata used as bait for catfish. In 1909, Murata found a large pink pearl in a mussel near Potter's Point. A day or two later, he discovered another pearl of similar size. Rumors flew that he sold the pearls to Tiffany & Co. for \$1,500 each. Treasure seekers came by wagon, on horseback and on foot to hunt for pearls.

Anglers who made their living on the lake set aside nets and trotlines and became "pearl hogs," vernacular for folks who crawled on all fours through the shallow water picking up mussels and tossing them into small boats they dragged to hold the catch. Most of the pearl hogs were local farmers who brought their families and camped near Caddo Lake for the summer.



In those days, farmers in Texas typically made no more than \$600 a year, so the promise of a pearl or two suggested a nice bonus. A pearl dealer named Dr. Owen came from Arkansas and set up his headquarters at Mooringsport, Louisiana, according to the July 1959 edition of *The Southwestern Historical Quarterly*. He kept a money satchel in the bottom of his boat, and when someone shouted "Pearl!" he motored to the hunter and paid cash for the find.

Most of the pearls brought \$20 or \$25, but Mrs. Jeff Stroud of the Lewis community sold a whopper for \$900, *The Southwestern Historical Quarterly* reported. For three summers, pearl hunting was so lucrative that commercial



anglers on Caddo gave up fishing entirely, although some unlucky hunters reported that they worked for weeks without finding a single pearl.

During peak hunting season in the summer, up to 500 tents sprouted and up to 1,000 pearl hunters took to the lake each day. A problem arose once when a pile of discarded mussels created an awful stench, but a farmer brought his hogs, and they ate the decaying bivalves. Many families brought provisions from their farms, and a store from Oil City, Louisiana, periodically dispatched a hack with coffee, flour, lard and other staples.

In 1914, engineers expanded a dam built below the hunt area, and the lake rose 10 feet, flooding the mussel beds.

The mussel hunters went home, and the Caddo fishermen went back to fishing. Murata then opened a fishing camp. When the FBI forced Japanese Americans into internment camps during World War II, Louisiana and Texas officials, led by Texan “Cap” Taylor (Lady Bird Johnson’s father), who lived in nearby Karnack, persuaded the agents to leave Murata undisturbed. He died at his fishing camp just after the war ended.

Freshwater mussels still thrive in Caddo Lake, according to Brandon Lopes-Baca, superintendent at Caddo Lake State Park, but no collecting is allowed in the park.

Martha Deeringer, a member of Heart of Texas EC, lives near McGregor.

Earn up to \$25+ per acre leasing your land for outdoor recreation.

LANDOWNER BENEFITS:

- + No out-of-pocket costs and no long-term commitments
- + No property too big or too small
- + \$1,000,000 insurance policy included
- + Background check for all members
- + Our team manages everything from start to finish

"It's beautiful to have members come out here to enjoy the solitude, wet a line, and just get back to nature. And while they are here, I can carry on operations on the other side of my farm."

- Chuck, one of our **500+ Outdoor Access Landowners**

An easy way to generate passive income, whether you have 5 or 1,000's of acres!

Visit OutdoorAccess.com/TXCoop to learn more

See how much you could earn.
Call **(469) 458-6656** today!



THE TEXAS TRACTOR PACKAGE LEADER!

NEW MASSEY FERGUSON 1726L
4WD 25HP DIESEL TRACTOR PACKAGE

MASSEY FERGUSON 2706L
4WD 60HP DIESEL TRACTOR PACKAGE



SALES PRICE \$23,998.00 CASH OR \$299.00 PER MONTH

SALES PRICE \$33,998.00 CASH OR \$429.00 PER MONTH

Packages Include:

- MF Quick Attach L-105 Front End Loader with Skid Steer Bucket
 - Woods 5' Rotary Cutter
 - 5' Box Blade with Scarifiers
- Post Hole Digger with 9" Auger
 - 3 Point Quick Hitch
- Insulated Canopy Top
- 16' HD Trailer with Ramps, Brakes & Spare Tire
- No DPF Filter
- Choose Ag. or Ind. Tires

Packages Include:

- MF Quick Attach L-135E Front End Loader with Skid Steer Bucket
 - Woods 6' Rotary Cutter with Slip Clutch
- Post Hole Digger with 9" Auger
 - 3 Point Quick Hitch
- Insulated Canopy Top
- 6' Box Blade with Scarifiers
- 20' HD Trailer with Ramps, Brakes & Spare Tire
- No DPF Filter
- Choose Ag. or Ind. Tires



WE DELIVER EVERYWHERE!



MASSEY FERGUSON
TEXAS' TOUGHEST TRACTOR!

FOSTERS WORK & PLAY

3601 US Hwy. 190 W
Livingston, Texas 77351

(936) 967 - 0011

www.fostersworknplay.com
sales@fostersworknplay.com

Disclaimer: All payments listed are based on a 0.9% interest rate for 64 months with 10% of purchase price down with approved credit through Agco Finance Corp. Prices listed may not include Sales Taxes, Freight, Set up, or Doc fees where applicable. Cash prices only apply to a cash sale or standard rate financing. All HP ratings listed are approximate Engine Horse Power Ratings.

MARKETPLACE

BUY • SELL • TRADE • ACROSS TOWN • ACROSS TEXAS



RHINO
STEEL BUILDING SYSTEMS

25 Year Warranty • Easy Bolt-Together Design
Engineered Stamp Blueprints



Farm • Industrial • Commercial

RHINO.BUILDERS/TX 940-304-8068
INFO@RHINOBLDG.COM

When **EXPERIENCE** counts, you can **COUNT** on us!



GCC
GOLDEN CRESCENT
CONSTRUCTION

CUSTOM STEEL BUILDINGS

361-573-5775

Patios • Carports • Garages
Shops • Barns • Hay Sheds
Barndominiums
Steel Frame Homes



ACCREDITED BUSINESS

www.gccbldgs.com

Bank C.D.'s Due?
CALL US NOW

1-800-359-4940 TEXAS TOLL-FREE
www.mattsonfinancialservices.com

BLAKE MATTSON, CFP™
Signal Securities, Inc., 5400 Bosque, 4th Floor, Waco, TX 76710
Serving Customers All Over Texas

All C.D.'s are insured to \$250,000 per institution by the F.D.I.C. All C.D.'s are subject to availability. Securities offered thru Signal Securities, Inc., Member FINRA/SIPC 700 Throckmorton, Ft. Worth, TX 76102. (817) 877-4256.

PERMA-ROOF
from Southern Builders

Steel Mobile Home Roofing



High energy bill?
Roof rumble?
Leaks?

MOBILE HOME ROOF OVER SYSTEMS

Since 1983

Contact us at **800.633.8969**
or roofover.com

WD METAL BUILDINGS
Turn-Key Solutions



- 5" Reinforced Concrete Slabs
- All Welded Metal Buildings
- Experienced Erection Crews
- Heavy Duty Overhead Doors

Instant Prices at WDMB.com

Low Cost Pole Barns

26' x 48' x 10'
3 Sides Enclosed

\$7,995

Hay/Horse Barns, Shops, Decks, Concrete Work and Pad Sites

Call Ron: 512-367-0428



POLE, HORSE, HAY BARNs • ALL SIZES
CALL ANDY • 512-563-5237

GET RESULTS! ADVERTISE IN THE
MARKETPLACE

ELAINE SPROULL (512) 486-6251
advertising@TexasCoopPower.com



BARNDOMINIUM
HUNTING LODGE? AIRBNB? HOME?
308 E. Callender Ave. • Eldorado, TX 76936
2580 Sq Ft • 2 BR • 2½ Baths • Big Workshop • Bar MANCAVE • Lot of Storage • Newly Remodeled
½ City Block • Fenced • Metal Roof and Siding
NICE! MUST SEE! Only \$57,000 CASH
208-270-3044

OWN LAND?

Lease pasture wanted for cattle
Will trade/do improvements.
Manage hunters. Have references.

254-681-1498 • Bart.Koerth@gmail.com

ARK-LA-TEX
SHOP BUILDERS
"WE GOTCHA COVERED"

SHOPS • BARNs • CABINS • WWW.SHOPSBUILT.COM

830-730-0515
8670 IH 35 N NEW BRAUNFELS, TX




BUILDINGS OF ALL SIZES
Shops • Garages • Barns • Equipment Sheds • Barndominiums

SHOPS STARTING AT \$10,300

Price includes all labor and materials with 4" steel reinforced concrete slab with moisture barrier, one 10'x10" heavy duty roll up door, one 3 foot steel entry door, concrete aprons, electric stub *(Dirt may be extra)

HARBOR FREIGHT

QUALITY TOOLS AT RIDICULOUSLY LOW PRICES

1,000+ Stores Nationwide • HarborFreight.com

NEW U.S. GENERAL **SUPER COUPON**
BIGGER • STRONGER • MORE STABLE SERIES 2

44" x 22" DOUBLE BANK EXTRA DEEP CABINETS

- 14,000 cu. in. of storage
- 2600 lb. capacity
- Weights 291 lbs.

YOUR CHOICE OF COLOR
\$449.99

HOLDS 20% MORE
\$499.99

SAVE \$2,285

COMPARE TO \$2,735
SNAP-ON MODEL: KRA4813FPB0

Customer Rating: ★★★★★

Item 64446, 64443, 64133, 64954, 64955, 64956

SCISSOR SUPER COUPON

OVER 5,000 5 STAR REVIEWS

FREE WITH ANY PURCHASE

★★★★★

SUPER BRIGHT LED SMD WORK LIGHT/FLASHLIGHT

- Super-Strong, Ultra-Lightweight Composite Plastic
- Magnetic Base & 360° Swivel Hook for Hands-Free Operation
- 3-AAA Batteries (Included)
- 144 Lumens

ALL IN A SINGLE SUPER POWERFUL LIGHT

COMPARE TO PERFORMANCE TOOL \$13⁵²

ITEM 63878/63991 64005/69567/60566 63601/67227 shown

MODEL: W2364

14946934

SCISSOR SUPER COUPON

20% OFF

ANY SINGLE ITEM*

14974470

Limit 1 coupon per customer per day. Save 20% on any 1 item purchased. *Cannot be used with other discounts, coupons or any of the following items or brands: Inside Track Club membership, Extended Service Plan, gift card, open box item, 3 day Parking Lot Sale item, compressors, floor jacks, sales, storage cabinets, chests or carts, trailers, welders, Admiral, Amco, Bauer, Central Machinery, Crafts, CoverPro, Dayton, Elenco, Emerson, Festool, Fisher, Hercules, Icon, Jupiter, Lynx, Pexon, Predator, Ridgid, Viking, Vulcan, Zimsh. Not valid on prior purchases. Non-transferable. Original coupon must be presented. Valid through 12/1/19.

HARDY **SUPER COUPON**

POWDER-FREE NITRILE GLOVES
PACK OF 100

- 5 mil thickness

12¢ PER PAIR

SAVE 59%

COMPARE TO VENOM \$14.97

MODEL: VEM4145

ITEM 97581, 37050, 64417, 64418, 61363, 68497, 61360, 61359, 68498, 68496 shown

NOW \$5.99

14977195

PREDATOR **SUPER COUPON**

8750 MAX. STARTING/7000 RUNNING WATTS
13 HP (420 CC) GAS GENERATOR

ITEM 63086/68530/56169/56171/63085 shown

ITEM 68525/63088/56168/56170/63087 CALIFORNIA ONLY

SAVE \$2,119

COMPARE TO HONDA \$2,669

MODEL: E8500K1AT

Wheel kit and battery sold separately.

NOW \$549.99

14983678

CENTRAL PNEUMATIC **SUPER COUPON**

3 GALLON, 100 PSI OIL-FREE AIR COMPRESSORS

YOUR CHOICE \$39.99

\$59.99

- Air delivery: 0.6 CFM @ 90 PSI

HOT DOG ITEM 69269 97080 shown

PANCAKE ITEM 61615/60637 95275 shown

COMPARE TO PORTER-CABLE \$98.62

MODEL: PCFP02003

SAVE 59%

14993914

COVERPRO **SUPER COUPON**

10 FT. x 17 FT. PORTABLE GARAGE

Customer Rating: ★★★★★

NOW \$169.99

\$199.99

COMPARE TO SHELTER LOGIC \$290.75

MODEL: 76377

ITEM 62859/63055/62860 shown

14997902

CENTECH **SUPER COUPON**

3-IN-1 PORTABLE POWER PACK WITH JUMP STARTER

NOW \$49.99

SAVE 44%

COMPARE TO SUPER START \$89.99

MODEL: S5001

ITEM 38391/62376/64083/56349/62306 shown

15004393

PITTSBURGH **SUPER COUPON**

40 PIECE, 3/8" DRIVE SAE AND METRIC SOCKET SET

NOW \$4.99

SAVE 90%

COMPARE TO CRAFTSMAN \$49.98

MODEL: CMMT12018

ITEM 47902/975/61328/63015/62843 shown

15005642

PITTSBURGH #1 SELLING JACKS IN AMERICA **SUPER COUPON**

RAPID PUMP® 1.5 TON LIGHTWEIGHT ALUMINUM FLOOR JACK

- Weights 34 lbs.

SAVE \$91

NOW \$59.99

\$79.99

COMPARE TO K TOOL \$151.42

MODEL: KT163094

ITEM 64545/64552/64832/64980 68053/62160/62516/60569 shown

15017054

SUPER COUPON

AMMO DRY BOX

Customer Rating: ★★★★★

NOW \$3.99

SAVE 60%

COMPARE TO RANGEMAXX \$9.99

MODEL: 1312-92

ITEM 63135/61451 shown

15018112

PITTSBURGH **SUPER COUPON**

LIFETIME WARRANTY **301 PIECE MASTER MECHANIC'S TOOL KIT**

NOW \$159.99

SAVE \$140

COMPARE TO KLUTCH \$299.99

MODEL: 43994

ITEM 63464/63457/45951 shown

15018139

PREDATOR **SUPER COUPON**

6.5 HP (212 CC) OHV HORIZONTAL SHAFT GAS ENGINE

NOW \$99.99

SAVE \$230

COMPARE TO HONDA \$329.99

MODEL: GX200UT2X2

ITEM 60363/69730

ITEM 68121/69727 shown

CALIFORNIA ONLY

15020658

drillmaster **SUPER COUPON**

4-1/2" ANGLE GRINDER

Customer Rating: ★★★★★

SAVE 44%

COMPARE TO PERFORMAX \$17.99

MODEL: 2411-1

NOW \$14.99

\$9.99

ITEM 69645/60625 shown

15022475

PITTSBURGH AUTOMOTIVE **SUPER COUPON**

1 TON CAPACITY FOLDABLE SHOP CRANE

- Boom extends from 36-1/4" to 50-1/4"
- Crane height adjusts from 82" to 94"

NOW \$139.99

SAVE \$110

COMPARE TO IRONTON \$249.99

MODEL: 46218

ITEM 61858/69512/69445 shown

15026520

drillmaster **SUPER COUPON**

1500 WATT DUAL TEMPERATURE HEAT GUN (572°/1112°)

Customer Rating: ★★★★★

NOW \$9.99

SAVE 64%

COMPARE TO BLACK+DECKER \$28.06

MODEL: H61300

ITEM 35776/62340/62546/63104/96289 shown

15034563

HaulMaster **SUPER COUPON**

72" x 80" MOVING BLANKET

Customer Rating: ★★★★★

NOW \$5.99

SAVE 70%

COMPARE TO BLUE HAWK \$19.99

MODEL: 77280

ITEM 69550/62418/66537 shown

15036515

CENTRAL MACHINERY **SUPER COUPON**

8", 5 SPEED BENCHTOP DRILL PRESS

Customer Rating: ★★★★★

SAVE \$58

NOW \$54.99

\$67.99

COMPARE TO BUFFALO TOOLS \$113.35

MODEL: DPSUL

ITEM 38119/62520/60238 shown

15040854

WARRIOR **SUPER COUPON**

29 PIECE TITANIUM DRILL BIT SET

Customer Rating: ★★★★★

NOW \$10.99

SAVE 83%

COMPARE TO DEWALT \$68.14

MODEL: DW1369

ITEM 5889/62281/61637 shown

15040855

*Original coupon only. No use on prior purchases after 30 days from original purchase or without original receipt. Valid through 12/1/19.

At Harbor Freight Tools, the "Compare to" price means that the specified comparison, which is an item with the same or similar function, was advertised for sale at or above the "Compare to" price by another national retailer in the U.S. within the past 90 days. Prices advertised by others may vary by location. No other meaning of "Compare to" should be implied. For more information, go to HarborFreight.com or see store associate.

Our Fearless Forefather

G.W. Haggard was founding editor of this magazine and a stalwart champion of electric co-ops

BY ELLEN STADER

HE BEGAN LIFE A FARM BOY. HE GREW into a staunch journalist and rural advocate. After his death, a prestigious journalism award was named for him. The man was George Wilford Haggard, and he created this magazine.

Haggard devoted himself to a life of defending responsible journalism and the rights of rural people who received electricity from cooperatives. Texan political reporter Liz Carpenter described him as a man for whom “rural electrification is his religion.”

Born in 1908 on a farm in Comanche County, Haggard went to study in 1926 at Hardin-Simmons University in Abilene, where he took a job with the *Abilene Reporter-News*.

Haggard graduated in 1930 and embarked on a career that advanced steadily. He was city editor at the *Sherman Democrat* and later taught journalism at Abilene High School, leading the school’s student newspaper to international honors.

Eventually, the Texas Farm Bureau hired him to edit its monthly publication. Haggard proved an adept reporter and fearless fighter. After helping quash bills in the Legislature that would’ve crippled public power, he became executive secretary of the bureau.

Haggard’s next venture set the stage for his life’s work: In 1944, he became executive secretary of the Texas Power Reserve Electric Cooperative and editor of its newspaper, *Texas Cooperative Electric Power*. (Today, we call the association



Texas Electric Cooperatives and its magazine *Texas Co-op Power*.)

Haggard’s dedication to truth was auspicious, as his new position routinely required him to set the record straight. Distortions and manipulations leveled at electric co-ops by the for-profit power industry (and politicians in its pockets) kept Haggard’s rhetoric at prime fighting weight.

He answered preposterous allegations with fundamental cornerstones of the electric co-op message such as: “Co-ops are not tax-exempt. They pay local, school, county and state taxes,” and “For 50 years, private power refused to serve rural areas, claiming it was not practical or feasible. But the farmers themselves are successfully performing the task that the power people said was impossible.”

Haggard’s honest, outspoken integrity was noticed at the national level. In 1948, he joined the Rural Electrification Administration in Washington, D.C., stating his objectives by saying, “We want very much for every co-op member to realize fully that he owns the co-op. He’ll fight for what

he owns.” A year later, Haggard was promoted to deputy administrator, the REA’s No. 2 leader.

Sadly, in June 1951, Haggard and five fellow REA employees died in a plane crash outside Fort Collins, Colorado. The tragedy left a gaping hole in the REA roster and morale. U.S. Sen. Tom Connally of Texas summed up the feelings of many national officials with his condolences: “I’m grieved and shocked at the tragedy. I knew and esteemed George Haggard. ... His death will be a great loss to the state and the nation.”

In 1958, the National Rural Electric Cooperative Association issued its first George W. Haggard Memorial Journalism Awards recognizing statewide publications that present “lucid, forthright contributions to electric cooperative objectives.” *Texas Co-op Power* in 2007 took home its most recent award named after its indomitable founder.

Ellen Stader is a writer in Austin. For more on Haggard’s feuds with politicians, read the June 2019 Texas History story *The Nylon Campaign* on our website.

**FULL 20 & 40
COIN ROLLS!**



Actual size
is 21.2 mm

Take Home America's Most Iconic Coin

Authentic American Buffalo Nickels Available While Supplies Last!

Big, bold and full of life. That's the dream American sculptor James Earle Fraser had for his new U.S. five-cent piece—and boy, did he deliver.

The classic American Buffalo Nickel is incredibly brave in its use of space, taking up nearly the entire face of both sides of the coin. It showcases two icons of the American spirit—an American bison and a composite profile of three Native American chiefs.

The Buffalo Nickel created generations of coin collectors around the world. And now, through this special offer, you can secure a half or full roll of these historic, absolutely authentic coins in Good or better condition at an incredible price!

Hold The Spirit of America in the Palm of Your Hand

Struck between 1920 and 1938, these coins circulated heavily throughout the United States, especially during the Great Depression. Many were worn down until they were unrecognizable, while others have disappeared into private collections. But you're in luck—the coins offered here have stood the test of time for more than 80 years with their full date and main details intact.

Buy More and Save!

You can secure a 20-coin half-roll of authentic Buffalo Nickels for less than \$2.50 per coin, or buy a full 40-coin roll for just \$2.00 per coin and SAVE \$19.95. Each set comes in a numismatic tube accompanied by a custom storybook and certificate of authenticity. Dates vary.

**LOW AS
\$2.00
per coin**

Call now and use the offer code below to secure your very own roll of classic American Buffalo Nickels!

1920-1938 Buffalo Nickels

Half Roll (20 Coins) - \$49.95 + s/h

Full Roll (40 Coins) - \$79.95 + s/h **SAVE \$19.95**

FREE SHIPPING on orders over \$149

Limited time only. Product total over \$149 before taxes (if any). Standard domestic shipping only. Not valid on previous purchases.

Call today toll-free for fastest service

1-866-350-7464

Offer Code BNR327-01

Please mention this code when you call.



GOVMINT.COM®

GovMint.com • 14101 Southcross Dr. W., Suite 175, Dept. BNR327-01 • Burnsville, MN 55337

GovMint.com® is a retail distributor of coin and currency issues and is not affiliated with the U.S. government. The collectible coin market is unregulated, highly speculative and involves risk. GovMint.com reserves the right to decline to consummate any sale, within its discretion, including due to pricing errors. Prices, facts, figures and populations deemed accurate as of the date of publication but may change significantly over time. All purchases are expressly conditioned upon your acceptance of GovMint.com's Terms and Conditions (www.govmint.com/terms-conditions or call 1-800-721-0320); to decline, return your purchase pursuant to GovMint.com's Return Policy. © 2019 GovMint.com. All rights reserved.

Here's the Beef

WHEN IT CAME TO HOME COOKING, the 1970s had a split personality. On one hand, it was the decade of sunflower seeds (not widely available until then) and healthy eating. This magazine offered instructions for making a gingerbread house with granola bars in December 1978. On the other hand, Julia Child had become a household name, and popular beef dishes ranged from Hungarian goulash to French *ragoût de boeuf* and spicy bowls of red.

The following recipe, which appeared in *Texas Co-op Power's 60 Years of Home Cooking*, won Gay Dixson (then a member of Pedernales EC) the Texas State Fair El Chico Chili Contest in 1973. A few adjustments for modern tastes (using pure ground chile and olive oil instead of shortening) make the results more vibrant and just as satisfying.

PAULA DISBROWE, FOOD EDITOR

Texas State Fair Chili

- 3-4 pounds chuck, cubed
- 2 tablespoons kosher salt
- 1 tablespoon ground black pepper
- $\frac{3}{8}$ cup flour
- 2 tablespoons olive oil (or vegetable shortening or bacon fat)
- 2 medium onions, chopped
- 2-3 cloves garlic, minced
- 2 quarts water, heated
- 3 tablespoons hot paprika
- 2 tablespoons ground cumin
- $\frac{1}{4}$ cup plus 2 tablespoons pure ground chile powder (such as ancho or New Mexico)
- 2 cans (8 ounces each) tomato sauce
- Hot sauce, as desired

1. Place the beef in a mixing bowl, sprinkle with the salt, pepper and flour and use your hands to combine until the meat is well-coated.

2. Heat the oil (or shortening) in a large, heavy Dutch oven over medium-high heat. Add the beef (in batches as necessary) and brown on all sides; use a slotted spoon to

CONTINUED ON PAGE 32

Retro Recipes

Here's the Beef



THIS MONTH'S RECIPE CONTEST WINNER

KITTELE POTTS | BOWIE-CASS EC

This light and fresh take on beef is great for August heat. The steak cooks quickly on the grill, so you won't overheat (and neither will your kitchen). A versatile recipe, it easily doubles to serve more, and you can use other fruits besides strawberries, depending on your tastes and what's in season. Try peach, mango or kiwi for a different twist.

Steak Tacos With Pineapple Salsa

- 1 pound flank steak
- ¼ cup red wine vinegar
- ¼ cup soy sauce
- ¼ cup balsamic vinegar
- 1 teaspoon Worcestershire sauce
- 5 large strawberries, chopped
- 2 fresh pineapple rings, chopped
- ½ teaspoon finely chopped cilantro
- ½ jalapeño pepper, finely chopped
- ½ teaspoon lime juice
- ½ teaspoon lemon juice
- 1 tablespoon olive oil
- 1 teaspoon finely chopped red onion
- 6 flour tortillas
- 3 ounces feta cheese, crumbled
- Cilantro for garnish (optional)

1. Place the steak in a resealable plastic bag and add the red wine vinegar, soy sauce, balsamic vinegar and Worcestershire sauce. Let steak marinate 6 hours

in a refrigerator.

2. In a bowl, combine the strawberries, pineapple, cilantro, jalapeño, and lime and lemon juices.

3. In a nonstick skillet, add the olive oil and red onion. Sauté until onion is tender and translucent. Drain onion on a paper towel and add to bowl, tossing all ingredients thoroughly.

4. Remove steak from marinade. Place on a grill at medium heat. Grill 7 minutes on each side or until steak reaches desired level of doneness. Slice steak into thin strips.

5. Heat tortillas up by placing them individually on a hot skillet briefly. Fill tortillas with the steak, salsa and feta to make tacos. Garnish with additional cilantro, if desired.

► Makes 6 tacos.

COOK'S TIP If you don't mind the bite of fresh red onion, add it in raw in step 3.

CONTINUED FROM PAGE 31

transfer to a plate.

3. Add the onions and garlic and cook, stirring, until the vegetables have softened. Add the cooked beef back into the Dutch oven along with 2 quarts of hot water and simmer 1 hour.

4. Stir in the paprika, cumin, chile powder and tomato sauce and simmer an additional hour, stirring often, until the meat is very tender. Taste for seasonings and add additional salt and hot sauce, to taste. ► Serves 6-8.

Korean Lettuce Wraps

LU FULLILOVE | GUADALUPE VALLEY EC

Make this spicy, tangy dish for a quick weeknight meal. Keep it simple or add other garnishes like cilantro, chopped peanuts or onion. For a heartier version, stir in a cup of cooked rice before serving.

- 1 pound ground beef
- 2 cups sliced fresh mushrooms
- 3 sliced green onions, green part reserved
- ¼ teaspoon salt
- ½ teaspoon black pepper
- ⅓ cup gochujang (Korean chili sauce)
- 2 tablespoons sugar
- 2 tablespoons soy sauce
- 1 tablespoon rice vinegar
- 1 tablespoon sesame oil
- 2 cloves garlic, minced
- 1 tablespoon grated fresh ginger
- 1 carrot, shredded
- Iceberg or butter lettuce leaves
- Sesame seeds (optional)

1. Add ground beef, mushrooms and white parts of onions to a large frying pan over medium heat. Add salt and pepper, then stir and cook until browned, 5-10 minutes. Drain beef, if desired.

2. Add gochujang, sugar, soy sauce, rice vinegar, sesame oil, garlic and ginger; cook 5 minutes. Taste for seasoning and add salt, if needed.

3. Add carrot and cook 1 minute. (Add a little water if sauce is too thick.)

4. Serve with iceberg or butter lettuce leaves. Garnish with green onion tops and sesame seeds. ► Serves 4.

COOK'S TIP I found gochujang at my local H-E-B, but it is also available online and at Asian markets.

\$100 Recipe Contest

January's recipe contest topic is **New Year's Resolution**. After holiday excess, you might be trying to eat healthier. Share the soups, smoothies and other dishes that get you back in balance. The deadline is **August 10**. Readers whose recipes are featured will receive a special *Texas Co-op Power* apron.

ENTER ONLINE at TexasCoopPower.com/contests; MAIL to 1122 Colorado St., 24th Floor, Austin, TX 78701; FAX to (512) 763-3401. Include your name, address and phone number, plus your co-op and the name of the contest you are entering.



This month, Food Editor **PAULA DISBROWE** offers a favorite beef recipe from her new cookbook, *Thank You for Smoking*.



Togarashi Porterhouse

You might think of a porterhouse as the T-bone's luxurious cousin. Both steaks have the iconic T-shaped bone that imparts flavor and divides the sirloin and tenderloin—the most premium cuts of beef available. But a porterhouse is cut from the rear end of the short loin, so it has a bigger section of luscious tenderloin. The meat is so extraordinary that you don't want to do too much to it. Here subtle heat is added with shichimi togarashi, a peppery Japanese condiment, and a quick turn in a garlic-soy marinade that enhances the beef's umami.

- ¼ cup soy sauce
- 2 tablespoons olive oil
- 2 tablespoons shichimi togarashi
- 2 cloves garlic, grated on a Microplane

2 1½-inch-thick porterhouse steaks, about 3½ pounds total

1. In a small bowl, combine the soy sauce, olive oil, togarashi and garlic. Pour ¾ of the marinade into a baking dish and reserve the rest. Lay the steaks in the marinade and flip them a few times to generously coat. Set aside to marinate 10 minutes.
2. Prepare a charcoal grill for two-zone cooking and build a medium-high fire, or heat a gas grill to high.
3. When the coals are glowing red and covered with a fine gray ash, add your smoke source (chips, chunks or log). Carefully wipe the preheated grill grates with a lightly oiled paper towel. Using a grill brush, scrape the grill grates clean, then carefully wipe with a lightly oiled towel again.
4. When the fire begins to produce a steady stream of smoke, place the steaks over direct heat, close the grill, vent the grill for smoking and smoke 2 minutes. Move the steaks to indirect heat, close the grill and smoke 4–5 minutes. When juices

appear on top of the meat, flip the steaks and repeat the process, starting on direct heat 2 minutes, then moving to indirect heat 4–5 minutes, until the meat is nicely charred and glossy and an instant-read thermometer inserted into the thickest part of each steak reads 125 degrees, 15–20 minutes total; carryover heat will take it to 130 degrees for medium-rare as it rests. Transfer the meat to a cutting board to rest 10 minutes.

5. Using a sharp knife, cut the meat off the bone, then cut the sections into thin slices. Serve with the remaining marinade on the side. ▶ Serves 6–8 (or 4 steak lovers).

Reprinted with permission from *Thank You for Smoking: Fun and Fearless Recipes Cooked with a Whiff of Wood Fire on Your Grill or Smoker* by Paula Disbrowe (Ten Speed Press, 2019).

CORRECTION A recipe in the June issue misidentified the reader who submitted it. Pecan Potato Salad was submitted by Allison Loesch of Pedernales EC. Please find it and the other Standout Summer Sides recipes from June at TexasCoopPower.com.

WANTED: DEMO HOMESITES FOR 2019 SEASON

Display This Maintenance-Free Pool And \$SAVE \$\$!

Call **TODAY** to Qualify for this Limited-Time Opportunity!



VISIT US ON THE WEB!
WWW.SWIMTEXSUN.COM

**PRE-APPROVED
FINANCING
AVAILABLE!**

**WE CONSIDER
ANYTHING
ON TRADE!**

STAYcation at Home in 2019!

1-800-SWIMTEX (1-800-794-6839)

A family owned and operated Texas Company since 1986.



ADVANCED HEARING AID TECHNOLOGY

For Only **\$199⁹⁹** +FREE Shipping

"I was amazed! Sounds I hadn't heard in years came back to me!"

— Don W., Sherman, TX

How can a hearing aid that costs only \$199⁹⁹ be every bit as good as one that sells for \$2,400 or more?

The answer: Although tremendous strides have been made in Advanced Hearing Aid Technology, those cost reductions have not been passed on to you. Until now...

MDHearingAid® uses the same kind of Advanced Hearing Aid Technology incorporated into hearing aids that cost thousands more at a small fraction of the price.

Over 350,000 satisfied **MDHearingAid** customers agree: High-quality, FDA-registered hearing aids don't have to cost a fortune. The fact is, you don't need to spend thousands for a hearing aid. **MDHearingAid** is a medical-grade hearing aid offering sophistication and high performance, and works right out of the box with no time-consuming "adjustment" appointments. You can contact a licensed hearing specialist conveniently online or by phone — even after your purchase at no cost. No other company provides such extensive support. Now that you know...why pay more?

MDHearingAid® >>>

DOCTOR DESIGNED | AUDIOLOGIST TESTED | FDA REGISTERED



Can a Hearing Aid Delay or Prevent Alzheimer's and Dementia?

A study by the National Institute on Aging suggests older individuals with hearing loss are significantly more likely to develop Alzheimer's and dementia over time than those who retain their hearing. They suggest that an intervention — such as a hearing aid — could delay or prevent this by improving hearing!

TAKE ADVANTAGE OF OUR 45-DAY RISK-FREE TRIAL!

Hearing is believing and we invite you to try this nearly invisible hearing aid with no annoying whistling or background noise for yourself. If you are not completely satisfied with your MDHearingAid, return it within 45 days for a **FULL REFUND**.

For the Lowest Price Call
1-800-750-9264
www.GetMDHearingAid199.com



Nearly Invisible

BUY A PAIR AND SAVE!

BATTERIES INCLUDED!
READY TO USE RIGHT OUT OF THE BOX!

Use Code **JN97**
and get **FREE Batteries for 1 Year**
Plus FREE Shipping

Proudly assembled in America!



Family Ties

RELATED BY BLOOD, MARRIAGE, adoption or friendship, the families in our lives shape us and the state of Texas in ways big and small. Family shows up when it counts, and above all, family ties us together. **GRACE FULTZ**

WEB EXTRAS ▶ See Focus on Texas on our website for more photos from readers.



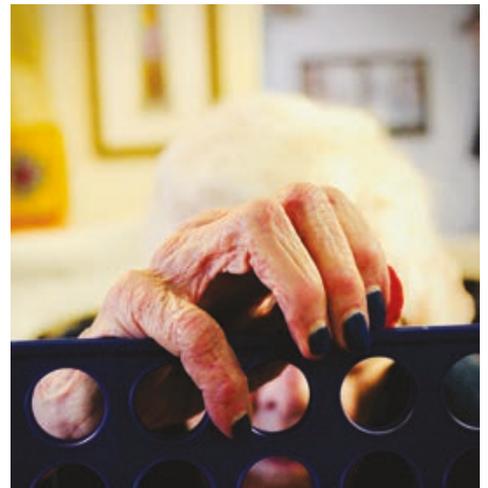
▲ **GINA HUCK**, United Cooperative Services: “Our grandson was born overseas, so my husband had to wait 3½ months for this joy-filled first meeting in Houston.”

▶ **PAUL GARCIA**, Medina EC: “This is part of my Canary Islands descendant family. The Canary Islanders first came to San Antonio on March 9, 1731. We are celebrating the feast day of Our Lady of Candelaria at Mission Concepción in San Antonio.”



◀ **M.J. TYKOSKI**, Farmers EC: “There is a special bond between a little sister and the big brother she adores.”

▶ **JENNIFER STORM NUCKELS**, Pedernales EC: Landon Nuckels, 9, took this photo of his great-grandmother, Sylba Lee Adams Storm, 95, creating family ties over a game of Connect 4.



▲ **TINA WEBB**, Bluebonnet EC: Picnicking with family on a Sunday afternoon beside St. James Lutheran Church of New Wehdem in Austin County.

UPCOMING CONTESTS

DECEMBER DESERTS DUE AUGUST 10

JANUARY FENCES DUE SEPTEMBER 10

FEBRUARY POWER DUE OCTOBER 10

All entries must include name, address, daytime phone and co-op affiliation, plus the contest topic and a brief description of your photo.

ONLINE: Submit highest-resolution digital images at TexasCoopPower.com/contests. **MAIL:** Focus on Texas, 1122 Colorado St., 24th Floor, Austin, TX 78701. A stamped, self-addressed envelope must be included if you want your entry returned (approximately six weeks). Please do not submit irreplaceable photographs—send a copy or duplicate. We do not accept entries via email. We regret that *Texas Co-op Power* cannot be responsible for photos that are lost in the mail or not received by the deadline.



Pick of the Month Sausage Festival

New Berlin September 1
(210) 343-9570

In addition to sausage plates, the festival includes an auction, bingo, raffle, rides, kids games, country store and music by Clint Taft and the Buckwild Band. Proceeds benefit the New Berlin Volunteer Fire Department and Community Club. More info available on Facebook.

August

7

Levelland [7-11] S.P.O.T.C. Dog Agility Trials, (806) 894-4161, malleventcenter.com

8

Athens The Bulb Hunter, (903) 675-6130, txmg.org

9

Alpine [9-10] Big Bend Ranch Rodeo, (432) 364-2696, bigbendranchrdeo.com

Fort Davis [9-11] Open Weekend at Davis Mountains Preserve, (432) 426-2390, nature.org

Jacksonville [9-11] Luau Golf Tournament, (903) 541-4700, jacksonvilletexas.com

10

Boerne Kuhlmann-King Museum Tour, (830) 331-1033, visitboerne.org

Brenham Lavender & Wine Fest, (979) 251-8114, chappellhilllavender.com

Carmine Toe-Tapp'n Casino Night, (281) 799-5113, carminetx.com

Eastland Rip's Sip & Toss, (254) 629-2332, eastlandchamber.com

Taylor Michelle's Hot Peeps Beat CC 5K and Fun Run, (512) 376-8089, athleteguild.com

Bandera [10, 17, 24] Bandera Rodeo Club Youth Summer Series Rodeo, (830) 431-1030, banderarodeoclub.com



August 9-11
Fort Davis
Open Weekend at
Davis Mountains Preserve

SAUSAGES: STANKO7 | DREAMSTIME.COM. FORT DAVIS: MIKE TURNAGE | SHUTTERSTOCK.COM. BLUEGRASS: MICHELANGELOOOP | SHUTTERSTOCK.COM

Never Lose Electricity Again!



Own the #1 Brand in Home Standby Power.

7 out of 10 buyers choose Generac Home Standby Generators to automatically provide electricity to their homes during power outages. GENERAC Home Standby Generators start at just \$1,999.*

CALL for FREE Generator Buyer's Guide, DVD, and...

Limited Time BONUS OFFER!

GENERAC



TOLL FREE **800-894-8804**
FreeGeneratorGuide.com

*Price does not include installation. 1A2A3X © 2019

TEXAS CO-OP POWER

Enter to win a Texas-made gift during our 75th Anniversary.



SORRELLS FARMS PECANS

ENTER NOW
TexasCoopPower.com/contests

16

Wichita Falls [16-17] Texas Ranch Round-up, (940) 716-5555, texasranchroundup.com

Highland Village [16-18] Lions Balloon Festival, lionsballoonfest.com

Denton [16-24] North Texas Fair & Rodeo, (940) 387-2632, ntfair.com

Ingram [16-31] *Dearly Departed*, (830) 367-5121, hcaif.com

17

Luckenbach Historic Luckenbach School Open House, (830) 685-3321, historicalschools.org

Kerrville Kids Triathlon, (830) 257-7300, kerrvilletx.gov

Troy Clays for Christ, (254) 420-8899

22

Fredericksburg [22-25] Gillespie County Fair and Parade, (830) 997-2359, gillespiefair.com

23

Bridgeport [23-24] Wise County Quilt Show, (940) 683-2085, wisecountyquiltguild.blogspot.com



August 29-September 1
Grapeland
Labor Day Bluegrass
Music Festival

27

Stonewall Commemoration of Lyndon B. Johnson's Birthday, (830) 868-7128, nps.gov/lyjo

29

Boerne [29-Sept. 1] Kendall County Fair and Rodeo, (830) 249-2839, kcfa.org

Grapeland [29-Sept. 1] Labor Day Bluegrass Music Festival, (936) 687-2594, salmonlakepark.com

31

Columbus Columbus Country Market, (979) 732-8385, columbusfmtx.org

Doss Doss VFD Benefit Fish Fry, (830) 669-2220, dossvfd.org

New Braunfels The Revivalists With White Denim, (830) 964-3800, whitewaterrocks.com

Richmond Labor Day Backyard BBQ, (281) 343-0218, georgeranch.org

Lewisville [31-Sept. 1] Texas Pop Turns 50, (972) 219-3401, cityoflewisville.com

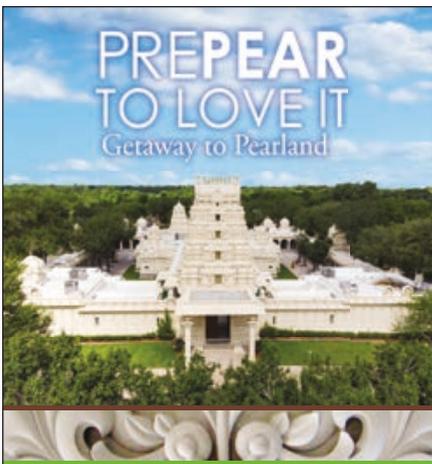
September

6

Bryan [6-7] Brazos Bluebonnet Quilt Guild Show, (979) 204-4737, bbqg.org

Submit Your Event!

We pick events for the magazine directly from TexasCoopPower.com. Submit your event online for October by August 10, and it just might be featured in this calendar.



Discover a relaxing Gulf Coast destination, home to the only Hindu temple of its kind outside of India, taste homegrown culinary fare, shop local finds and connect with nature in Pearland.

Minutes south of Houston, Pearland is both a destination all its own and the ultimate starting point for your getaway - prepare to love it!



VisitPearland.com



AVERY GRAVES, 12, and KATY HAMNER
PAINLESS BUTTERFLY PROJECT
funds painless lancing devices
for children with Type 1 diabetes.
POWER OF OUR PEOPLE | MAY 2019

POWER OF OUR PEOPLE

TEXAS COOP POWER

\$100 WINNER

Nominate someone today!

Tell us about somebody who improves the quality of life in your community. Email your nomination to people@texascooppower.com. Include the person's name, co-op affiliation and a short description of his or her work in the community. Featured nominees will receive a \$100 donation for their cause.



Fun in the Past Tense

Odd, fascinating collection at the Frontier Times Museum in Bandera makes for memorable visit

WHAT DO A TWO-HEADED GOAT, A STUFFED mountain lion and a ventriloquist doll named Gino R Tree have in common? They're part of the weird and wonderful collection of artifacts at the Frontier Times Museum in Bandera. If you find yourself tripping through the Texas Hill Country with an appetite for the abnormal, this is a must stop.

Bandera sits about 50 miles northwest of San Antonio and calls itself the Cowboy Capital of the World. Stephenville also claims that title, but that's a debate for a whole other article. What's indisputable is that cowboy culture is alive and well in Bandera. The scenic hills are full of dude ranches, the visitor center hosts weekly gunfights, and there are plenty of places to eat a cowboy-sized chicken-fried steak. The Old Spanish Trail Restaurant even has saddles instead of stools at its bar. But something you might not expect are the bizarre relics inside the town's eclectic museum.

Few probably remember *Frontier Times*, but for 31 years, the magazine published stories of the Wild West, replete with train robberies, outlaws and gold prospecting. It was started in 1923 by J. Marvin Hunter, a newspaperman and amateur historian. Very soon after Hunter launched the monthly publication, his readers began sending him their own tales along with strange family heirlooms. Hunter believed that if an item was important to its donor, it should be important to everyone, so he never turned down a gift. He filled his office with curiosities from around the globe. And if he didn't know an artifact's story, he would make one up.

Once the collection outgrew the room, Hunter tore down a wall and built a bigger



Chet Garner discovers artifacts at the Frontier Times Museum in Bandera.

room. Before long, he was running a full-on museum and entertaining his visitors with strange stories and circuslike curiosities, which earned him a reputation as the "P.T. Barnum of Bandera County."

Small-town museums can be strange. Some hold nothing more than rusted farming tools, while others hold treasures worthy of the Smithsonian Institution. The Frontier Times Museum is somewhere between those extremes.

The first thing that caught my attention was the building itself. Constructed in 1933, the exterior walls are made up of stone, petrified wood, quartz crystals and brain coral—a fitting allusion to the mixture of items I found inside. It seemed as though every inch of wall was covered: an old photograph, old clock or old taxidermied animal. I began by browsing the stories of Texas settlers but quickly found myself drawn to the stranger side of the museum.

There was a mummified squirrel found in someone's attic and presented in a glass case. There was a shrunken human head from South America, a sculpture made of rattlesnake rattles and a two-headed goat that was born on a local ranch and donated

after it died. Most fascinating was the story of a stuffed mountain lion named Sally that a man from Pearsall had kept as a house pet and that rode shotgun in his truck.

In the back was the Texas Heroes Hall of Honor recognizing rodeo cowboys and others who have made a lasting contribution to Texan culture. I learned about Bandera native "Mighty Mite" Ray Wharton, who was short in stature but could rope a calf like no other and won a world championship at Madison Square Garden.

That day, I gained a lot of knowledge about Bandera's history and a lot of new mental images to feed my nightmares. As I walked out, I asked the manager if the museum was still taking donations.

"Of course," she said. "What do you have?"

"Nothing yet," I replied. "But I'm sure I can find you something."

And after I find the artifact, I can work on finding the sort of accompanying story that would make Mr. Hunter proud.

Chet Garner shares his Texplorations as the host of *The Daytripper* on PBS.

 **WEB EXTRAS** ▶ Read this story on our website to see Chet's video of his visit to the Frontier Times Museum.

ONE ASSET PUTS FINANCIAL FREEDOM IN YOUR HANDS.



1/10 oz. Gold American Eagle

U.S. Money Reserve announces special rock-bottom pricing on official U.S. government issued gold coins from the United States Mint. For an extremely limited time, now is your chance to own Gold American Eagle Coins with ZERO markup at the incredible below-cost price of only \$139.00 each—one of the best government-issued gold coin deals available anywhere today!

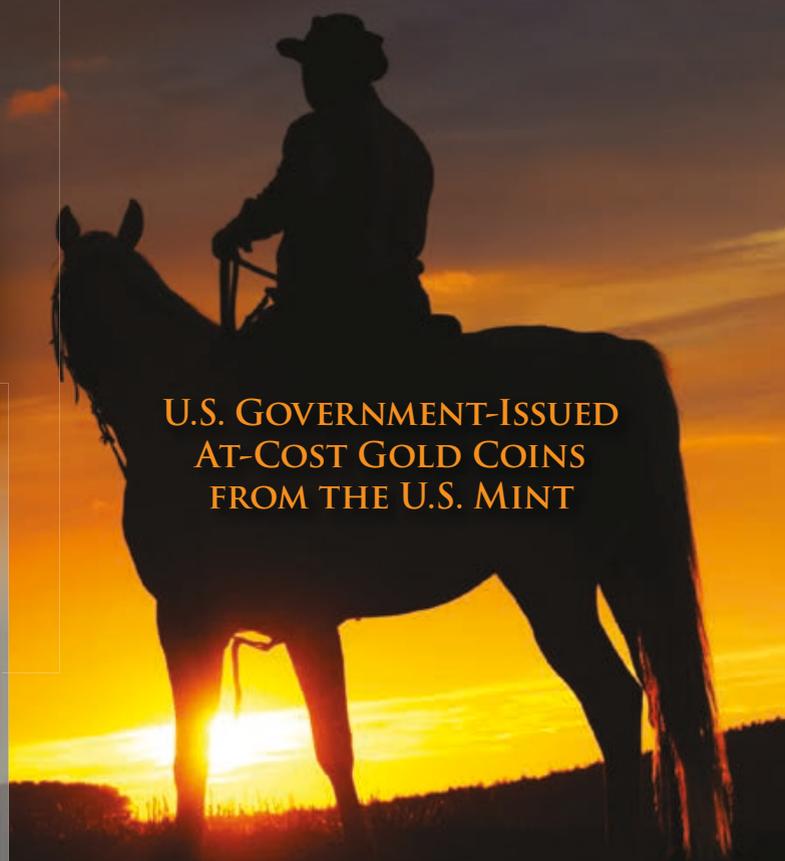
Designated as official legal tender, these gold coins are fully backed by the U.S. government for weight, content and purity. Now, you can convert your money from a declining paper currency into a tangible precious metal that is privately held outside the banking system—directly in your control. If you had transferred \$50,000 into physical gold in 2000, you would now have over \$225,000 at today's gold prices. That's an incredible profit of 375%!

This is your opportunity to join the thousands of Americans who are protecting their financial future with the proven hard asset of physical gold.

CALL NOW:

1-855-426-7168

Vault No: TX32



U.S. GOVERNMENT-ISSUED
AT-COST GOLD COINS
FROM THE U.S. MINT

At cost, completely free of dealer markup:

\$139⁰⁰

PER GOLD COIN

SPECIAL GOLD ALLOTMENT PRICED EXCLUSIVELY FOR RECIPIENTS OF THIS OFFER! BEGINNING TODAY, TELEPHONE ORDERS WILL BE ACCEPTED ON A FIRST-COME, FIRST-SERVED BASIS ACCORDING TO THE TIME AND DATE OF THE ORDER.

Official Gold Coin of the United States of America: \$5 American Eagle

1 - Gov't-Issued Gold Coin	\$139.00
5 - Gov't-Issued Gold Coins	\$695.00
10 - Gov't-Issued Gold Coins	\$1,390.00

MASTERCARD • VISA • AMEX • DISCOVER • CHECK • BANK WIRE



©2019 U.S. Money Reserve. *Based on the change in gold's price from 10/27/2000 (\$263.80/oz.) to 06/13/2019 (\$1,335.90/oz.). The markets for coins are unregulated. Prices can rise or fall and carry some risks. The company is not affiliated with the U.S. Government and the U.S. Mint. Past performance of coin or the market cannot predict future performance. Prices may be more or less based on current market conditions. Special offer is strictly limited to only one lifetime purchase of 10 below- or at-cost coins (regardless of price paid) per household, plus shipping and insurance (\$15-\$35). Minimum order of 5 coins. Price not valid for precious metals dealers. All calls recorded for quality assurance. 1/10-oz. coins enlarged to show detail. Offer void where prohibited. Offer valid for up to 30 days or while supplies last. Coin dates our choice.



**Get TV.
Get \$100.
Add Internet.
Get \$200.**

Same Bill. Same Price. Every Month. For 2 Years.

\$59⁹⁹ month for TV **PRICE LOCK!**

No Hidden Fees!

- **No 1st Receiver Fee**
- **No HD Fee**
- **No Price Increases for 2 Full Years**

- ✓ **Includes** 190 Channels with Locals
- ✓ **Includes** Hopper Smart HD DVR
- ✓ **Includes** Voice Remote Requires internet connected Hopper.
- ✓ **Includes** HD Programming
- ✓ **Includes** One TV, Add More for \$5
- ✓ **Includes** NETFLIX Fully Integrated Netflix subscription required.
- ✓ **Includes** FREE Premium Channels After 3 mos. you will be billed \$30/mo unless you call to cancel.



Plus, Add Blazing Fast Internet!

Finally, Internet That Bridges The Digital Divide!

This new service competes with Internet in the most densely populated areas.

Unlimited Data
No Hard Data Limits!

Very Fast
Speeds from 25 Mbps-1 Gbps!

Available Everywhere
25 Mbps available at every US address!

*\$5 off discount offers vary by service address. Go to godish.com/internet to verify your discount. TV service not required for Internet.

Starts At
\$39⁹⁹ month for Internet
Save up to \$20/mo.*

1-866-290-7151

Mon-Fri: 7am-10pm • Sat: 7am-9pm • Sun: 10am-7pm Central Time

godish.com/pricelock 🔍

iSe Habla Español!

dish
Authorized Retailer

*Prices include Hopper Duo for qualifying customers. Hopper, Hopper w/Sling or Hopper 3 \$5/mo. more. Upfront fees may apply based on credit qualification. Fees apply for additional TVs: Hopper \$15/mo., Joey \$5/mo., Super Joey \$10/mo. All offers require credit qualification, 2-Year commitment with early termination fee and eAutoPay. Offer for new and qualifying former customers only. Important Terms and Conditions: Qualification: Upfront activation and/or receiver upgrade fees may apply based on credit qualification. Offer ends 11/13/19. 2-Year Commitment: Early termination fee of \$20/mo. remaining applies if you cancel early. Included in 2-year price guarantee at \$59.99 advertised price: America's Top 120 programming package, local channels, HD service fees, and Hopper Duo for 1 TV. Included in 2-year price guarantee for additional cost: Programming package upgrades (\$69.99 for AT120+, \$79.99 for AT200, \$89.99 for AT250), monthly fees for upgraded or additional receivers (\$5-\$7 per additional TV, receivers with additional functionality may be \$10-\$15). NOT included in 2-year price guarantee or advertised price (and subject to change): Taxes & surcharges, add-on programming (including premium channels), DISH Protect, and transactional fees. Premium Channels: 3 Mos. Bonus: After 3 mos., you will be billed \$30/mo. for Showtime, STARZ, and DISH Movie Pack unless you call to cancel. Requires credit qualification, 2-year commitment with early termination fee and eAutoPay. Hopper upgrade fee may apply. Gift and Pre-paid Cards: Courtesy of GoDISH.com for credit-qualified customers. Customers who do not qualify may be eligible for a secondary gift offer. Cards are issued by Citibank, N.A. pursuant to a license from Visa® U.S.A. Inc. and managed by Citi Prepaid Services. Cards will not have cash access and can be used everywhere Visa® debit cards are accepted. Cards expire 6 months from date issued. Mail-in redemption form is required within 60 days of qualified activation to receive gift. Customer account must be current and in good standing at the time of redemption. Allow 6-8 weeks for delivery of gift. Other: Netflix streaming membership required. All packages, programming, features, and functionality and all prices and fees not included in price lock are subject to change without notice. After 6 mos., if selected you will be billed \$9.99/mo. for DISH Protect Silver unless you call to cancel. After 2 years, then-current everyday prices for all services apply. For business customers, additional monthly fees may apply. Free standard professional installation only. SHOWTIME is a registered trademark of Showtime Networks Inc., a CBS Company. STARZ and related channels and service marks are property of Starz Entertainment, LLC. © 2019 GoDISH.com. All rights reserved. Internet speeds, prices, and providers vary by customer address. \$39.99 price refers to 25Mbps plan. Restrictions apply. 25 Mbps internet service available nationwide, but may become temporarily unavailable to certain addresses based on local beam capacity. Availability is subject to change without notice. Internet not provided by DISH and will be billed separately. Call for details.