

Cumberland Electric Membership Corporation

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Mission Statement

Cumberland Electric Membership Corporation is committed to providing dependable, affordable electric service through the expertise and dedication of competent leadership and a well-trained and responsive workforce.

AS I SEE IT

Manager's Viewpoint

What's in the mix?

While they are still fairly unusual here, electric vehicles are rapidly growing in popularity.

Sales of electric vehicles jumped by 40 percent in 2017, and there are more electric vehicles on the road today than ever before. Early electric vehicles had a very distinct appearance, but modern models look much like traditional cars.

It is entirely possible that you could sit at a traffic light and not know what powers the vehicles around you.

The same could be said of the homes along your street.

Cumberland Electric Membership Corporation purchases the energy we deliver to your home or business from the Tennessee Valley Authority, and that's a lot of power. Last year, we purchased more than 2.61 billion kilowatt-hours of energy from TVA — more than \$194.6 million worth.

The original mission of TVA was to improve flood control and navigation along the Tennessee River system. In the 1930s and '40s, the dams constructed by TVA revitalized the region and provided the first reliable and affordable energy to the area. Because of the impact that TVA's hydroelectric dams had on our state, some believe that most of our power still comes from TVA dams. The reality is far more complex.

TVA maintains 73 generation sites that utilize several technologies and fuel sources to generate the power upon which we depend. Today, 40 percent of the energy they generate comes from nuclear, 26 percent coal, 20 percent gas, 10 percent hydro, 3 percent wind and solar and 1 percent from other sources.

Significant investments have been made in recent years to move away from traditional coal-based energy toward cleaner forms of power generation. Today, the power you receive is 54 percent carbon-free. This is quite a

change from just a decade ago, and TVA plans to reduce carbon-based generation even further.

The next time you flip a switch or plug in a device, the energy you use could be coming from one of a number of sources or, most likely, a combination of generation plants using various fuel sources. Weather, demand, price and regulations are just some of the factors that determine what resources are used at any given time.



*Jim Coode,
General Manager,
Cumberland
Electric Membership
Corporation*

Energy Efficiency Tip of the Month

Laundry Tip: Use rubber or wool dryer balls, which help separate clothing in the cycle, providing better airflow and a shorter drying time. Wool dryer balls can help absorb moisture, also reducing drying time.

Source: energy.gov



Co-op leaders have productive visits with D.C. lawmakers

More than 60 co-op leaders from across Tennessee, including leaders from Cumberland Electric Membership Corporation, traveled to Washington, D.C., on Tuesday and Wednesday, April 10 and 11, to meet with members of the Tennessee congressional delegation as a part of the National Rural Electric Cooperative Association's annual legislative conference.

"This trip is about building relationships," said David Callis, executive vice president and general manager of the Tennessee Electric Cooperative Association. "When lawmakers evaluate legislation that impacts electric co-ops or rural Tennessee, we want them to think of us. It is important for them to know who we are and how policy will affect us and our consumers."

In meetings with legislators, co-op leaders encouraged lawmakers to support the Farm Bill and rural development programs, reject the administration's proposal to sell TVA's transmission assets and dedicate funding for rural broadband and other infrastructure projects. Lawmakers were also invited to visit their local co-ops to meet employees, attend annual meetings or tour co-op facilities.

Meetings were held with Sens. Lamar Alexander and Bob Corker and Reps. Diane Black, Marsha Blackburn, Scott DesJarlais, John Duncan, Chuck Fleischmann, Phil Roe and David Kustoff.

"I'm a big supporter of rural areas, and I thank you for coming up to give a voice to the people you serve,"



Rep. Diane Black meets with co-op leaders from Cumberland Electric Membership Corporation, Duck River Electric Membership Corporation, Middle Tennessee Electric Membership Corporation, Sequachee Valley Electric Cooperative and Volunteer Energy Cooperative on Capitol Hill to discuss rural energy and infrastructure.

said Rep. Black. "A lot of people never make it to visit legislators in Nashville, and certainly not to Washington, D.C. It's important for their issues to be heard, and I appreciate what you do."

Williams earns Power Play Scholarship

Clayton Williams of Dover has been awarded a \$4,000 scholarship through a program made possible by Cumberland Electric Membership Corporation and other local power companies across the Tennessee Valley Authority's seven-state service area.

Clayton, the son of CEMC Dover District Working Foreman Boyd Williams and his wife, Lynn, is among 30 recipients of this year's Power Play Scholarship provided by the Power Play Scholarship Association to recognize outstanding academic



Clayton Williams

performance and a commitment to community service among high school seniors whose parents are employed by local power companies.

A graduate of Stewart County High School, Clayton will attend Murray State University where he will pursue a degree in mechanical engineering.

Power Play Scholarships were established in 1995, and 578 have been awarded through contributions and fund-raising efforts by the Power Play Association and its members. In 2018, 143 applications were received from across the Tennessee Valley.

Washington Youth Tour Writing Contest winners

Twelve high school students have been selected to represent Cumberland Electric Membership Corporation on the 2018 Washington Youth Tour. The students earned their spots on the weeklong, expense-paid trip to Washington, D.C., by writing winning short stories describing how local electric co-ops “go beyond the wires” in strengthening their rural communities,

improving lives across their service areas and providing safe, reliable and affordable energy.

CEMC’s delegates will join nearly 2,000 other students representing co-ops from across the country as they tour monuments, memorials and museums and meet elected officials in our nation’s capital June 8-14. Students will also have the opportunity to compete for college scholarships.



*Lauren Binkley
Pleasant View Christian*



*Rae Delligatti
Jo Byrns High School*



*Fulton Earheart
Jo Byrns High School*



*Anastasia Hawkins
Portland High School*



*Hunter Hayes
Montgomery Central High
School*



*Eric Herring Jr.
Jo Byrns High School*



*Alaina Horne
Montgomery Central High
School*



*Harley Mathis
Stewart County
High School*



*AJ Sanchez
Portland High School*



*Samantha Stacey
Springfield High School*



*Kalena Taylor
Stewart County
High School*



*Anna Welker
Stewart County
High School*

2018 Youth Tour Writing Contest Winner

Electric Cooperatives: Going Beyond the Wires

By Anna Welker, Stewart County High School

Rylan was lying on his bed, reading his comics, when his friend, Brent, walked in. It took one look at the comic in Rylan's hands for Brent to scoff. "Mr. Electric? That's so lame, dude,"

Brent commented as he plopped down on the bed next to Rylan. Comic books spilled onto the floor. Brent read the titles of them, mockingly, one by one. "Ms. Community? Techoman? Mr. Recruit? Wow."

"Have you ever read one?" Rylan asked without looking up from the book. "Don't have to; I know it's all fake and lame," Brent replied, rolling over away from him. Thunder boomed and shook the house. "Plus what's even cool about someone who can only provide electricity?"

"That he can provide electricity? Look, he seems lame alone, but together they form The Electric Cooperative, and they do some amazing things for our great state of Tennessee," Rylan told him while standing. Brent took the comic book from his hands and tossed it onto the floor. He went to speak, but a swirling wind and bright light surrounded them. The next thing they knew, they were in an animated city. "Rye, where are we?" Brent asked although he already knew. Rylan was speechless, for he knew, too. Thunder crackled, and lightning danced across the sky. Brent went to speak again, but he was cut off by the wind picking up and circling around them.

"The Tennessee Tornado," Rylan whispered while it took its form. Buildings and power lines came toppling down behind it. Rylan and Brent ran into an old, dilapidated building. Brent's hand accidentally hit a light switch on the wall, and the lights came on. "How in the world does this place have power?" he asked himself, his eyes catching a metal plate on the wall that read "Powered by Electric Co-ops." "Of course it is."

Rylan went to the window to check on how the Tennessee Tornado was doing, but, to his surprise, found a group of people dressed in suits fighting it off. "Dude," was all he could muster.

"This cannot be happening. There is no way we are in a comic of 'The Elec-'"

He was cut off by someone bursting through the door. "Are you kids all right?" Mr. Electric asked, but both the boys were too stunned to speak. "Well, thank goodness you chose one of the 1.1 million homes we power."

"And it's energy-efficient, too!" Ms. Efficient exclaimed, popping in for only a moment. She disappeared quickly after.

"Anyway, I'll come back for you when it's safe," Mr. Electric told them before darting out the door again.

Hours seemed to pass before there was finally a knock at the door. They boys opened it and stepped out the door. "Geez, look at this place. It's a mess. These poor people," Brent sighed as he looked around.

"Not to worry. They won't pay a thing, and the power will stay on. We have money set aside for these things, and we are nonprofit," Ms. Community explained while walking over to the boys. "They'll also receive Co-op Connections cards. Such a great tool to save money on things like prescriptions, which they may need after this."

"And vision and dental! Plus, we wanted to recruit a few from this part of town for some of the 24 co-ops around Tennessee," Mr. Recruit mentioned. The rest of the hero group continued to name the bright side of everything such as the \$2.6 million people have saved with the cards and the \$4 million in development loans as of 2013. As all of this was said, Brent started seeing the bigger picture of The Electric Co-ops.

"That sounds great, doesn't it, Brent?" Brent heard Rylan's voice, but it was distant and distorted. "Brent?"

Brent woke up to Rylan saying his name over and over. "Oh, thank goodness. A trophy fell off the shelf when the thunder rumbled and hit you in the head," Rylan told him, relieved that his friend was OK.

"So, wait, the comic book adventure wasn't real?" Brent questioned, his emotions out of whack from thinking the whole thing was real.

"Since I have no clue what you're talking about, I'd say no," Rylan replied coolly. Brent started to feel disappointed because he had learned so much. Now, it didn't matter.

"Kinda stinks, man. We met The Electric Co-ops, and they told us everything that they did, and they saved us during a threat from the Tennessee Tornado," he rambled on. Rylan just chuckled at his friend. "But it was all fake."

"You know, the comics are based on real people," Rylan said in the middle of Brent's rant. Brent looked at Rylan funny, as if he didn't believe him. "Yeah, electric co-ops are real. We have 24 of them in Tennessee, like the comic says. They also do all the things you mentioned. They're real."

"But they're such great people, superheroes even." Brent was stunned, mainly that he was so unaware of the fact Tennessee has co-ops.

"As the great saying goes, 'Not all heroes wear capes.' Maybe you can go ahead and read a couple since they kept our lights on."

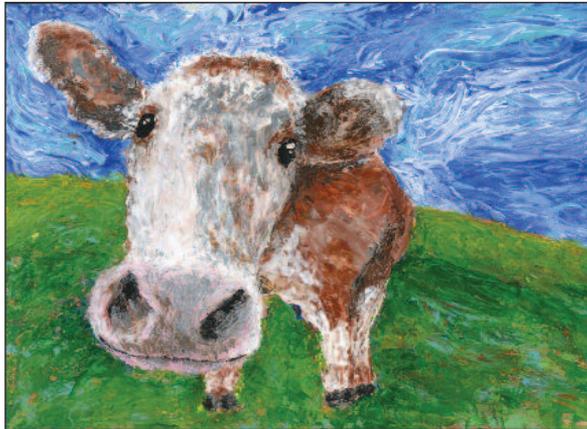
2019 Calendar art contest winners

Student artists from schools throughout Cumberland Electric Membership Corporation's service area submitted hundreds of entries for the 2019 CEMC Calendar Art Contest, and our judges continue to be impressed with their talent.

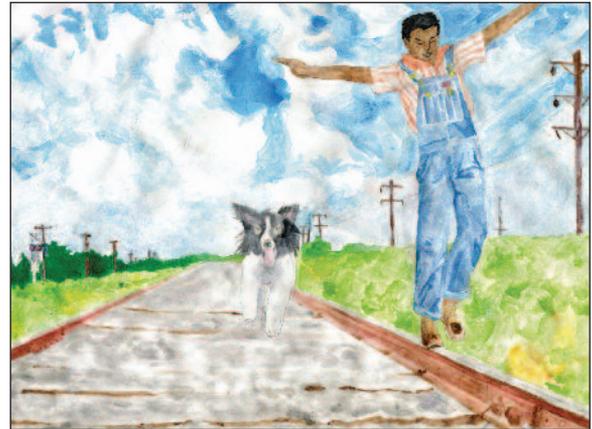
The 2019 calendar will be available at all CEMC offices in November, but we wanted to go ahead and

share a sneak peek of a few of this year's winners here. Winning artwork will be featured in two different calendars — one for the East Region and one for the West Region — as well as pocket calendars in four different designs.

Congratulations to each of the winners, and thank you to all who participated.



*East Region Overall Winner — Hillary Burnett
12th grade, White House Heritage High School*



*West Region Overall Winner — Safiyah Bakari
11th grade, Cheatham County Central High School*



*Maleah Spears
White House Heritage High School*



*Faith Lambert
Stewart County High School*



*Aubrie Harman
White House High School*



*Nicole Donihi
Cheatham County Central High School*

CEMC Senior Scholarship winners

Cumberland Electric Membership Corporation is proud to announce its 2018 Senior Scholarship recipients. Each of the following students has been awarded a \$1,000 college scholarship that can be used toward freshman year expenses such as tuition, textbooks and lab fees.

Maria Aguirre of Portland. Maria is a graduate of Portland High School and will attend Belmont University.

Kendra Chaney of Bumpus Mills. Kendra is a graduate of Stewart County High School and will attend Murray State University.

Sunshine Coombs of Dover. Sunshine is a graduate of Stewart County High School and will attend Murray State University.

Taylor Gamble of Springfield. Taylor is a graduate of East Robertson High School and will attend Western Kentucky University.

Dani Hatton of Clarksville. Dani is a graduate of Montgomery Central High School and will attend Tennessee Technological University.

Rita Killingsworth of Greenbrier. Rita is a graduate of Greenbrier High School and will attend Austin Peay State University.

Milynn Morris of Indian Mound. Milynn is a graduate of Stewart County High School and will attend Austin Peay State University.

Kaitlyn Pennington of Clarksville. Kaitlyn is a graduate of Montgomery Central High School and will attend Austin Peay State University.

Rachel Sneed of Chapmansboro. Rachel is a graduate of Cheatham County Central High School and will attend Austin Peay State University.

Hannah Stokes of Pleasant View. Hannah is a graduate of Sycamore High School and will attend the University of Tennessee, Knoxville.

Jerrianna Thompson of Clarksville. Jerrianna is a graduate of Montgomery Central High School and will attend Middle Tennessee State University.

Angel Trader of Hendersonville. Angel is a graduate of Hendersonville High School and will attend the University of Tennessee at Chattanooga.

To qualify for the award, each student was required to complete an application, including two letters of recommendation, and write a 300-word essay describing what he or she looks forward to most about attending college and how a scholarship, in terms of financial assistance, will help them complete their education. The applications were judged by a panel of retired teachers.



Maria Aguirre



Kendra Chaney



Sunshine
Coombs



Taylor Gamble



Dani Hatton



Rita
Killingsworth



Milynn Morris



Kaitlyn
Pennington



Rachel Sneed



Hannah Stokes



Jerrianna
Thompson



Angel Trader



The Portland Chamber of Commerce is hosting a free summer concert series, Music on Main, beginning in June and running until September. All concerts will be held on Main Street in Portland and will begin at 7 p.m. Attendees are invited to arrive early to secure seating (bring a lawn chair or rent one from the Portland Chamber of Commerce for \$2), visit sponsor booths and grab a bite to eat before the concert begins.

This year's lineup of performers is as follows:

Thursday, June 14 - Code of the Hills (Bluegrass)

Thursday, July 12 - Soul Soup (Decades)

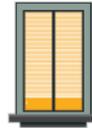
Saturday, August 11 - Legacy (Classic Rock)

Saturday, September 8 - Lee Gibson (Country)

For more information about the Music on Main concert series, please contact the Portland Chamber of Commerce at 615-325-9032 or by email at kristen@portlandcofc.com.

Summer Energy-Saving Tips

Costs associated with cooling your home can make up a large portion of your summer electric bills. Stay cool and save money with these energy-efficiency tips!



NO-COST TIPS

Close blinds and drapes during the day to keep heat out.



Set your thermostat to 78 degrees when you are home. Set it to a higher temperature when you're away.



Turn off lights and ceiling fans when you leave a room.



LOW-COST TIPS

Plant trees and shrubs to shade the exterior of your home.



Replace disposable air filters (or clean permanent filters) once a month to maximize efficiency.



Use solar lighting to brighten up your outdoor space. Solar lights are easy to install, low-maintenance and provide free electricity.



AMERICA'S ELECTRIC COOPERATIVES

DIYers: Don't mess with electricity

Even the handiest of handymen shouldn't mess with electricity. Instead of tinkering with plugs and wires, it's a good idea to hire a qualified, licensed electrician to do electrical work around your house.

Not convinced? The Electrical Safety Foundation International recommends:

- Learn as much about your home electrical system as possible so you will know how to maintain it safely.

- Know your limitations. Do not start an electrical project that is beyond your skill level. Getting help from a pro could save your life and prevent a fire.
- Turn off the power to the circuit that you will work on.
- Unplug any appliance before you work on it.
- Test wires to make sure the power has been turned off before you touch them.
- Stay away from plumbing and gas pipes when you're working on electricity.