

Horry Electric Cooperative, Inc.

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Horry Electric Cooperative, Inc. is a non-profit, member-owned organization providing information and energy-related services on a fair and equitable basis.



A Touchstone Energy® Cooperative

Teaching kids a lesson— in energy efficiency



ELECTRONIC AND MOBILE devices, TVs, computers and gaming stations have become ubiquitous fixtures in our homes, particularly those with children. Consumer electronics coupled with the proliferation of smart home appliances,

technology and electric vehicles have slowly but steadily changed our homes and lifestyles.

This ever-connected world is the modern environment in which children are growing up. And with lifestyles increasingly reliant on technology and in turn, energy consumption, teaching youngsters to save energy is an important life lesson.

The why

As most parents can attest, convincing kids to care about energy efficiency is a hard sell. Parents need to explain why it's important to save energy and how it benefits the child; otherwise, they will not understand the need to change their habits and will be less motivated to do so. In the simplest terms, less money spent on an electric bill can mean more money used for fun activities—something children can relate to!

Less tangible, but just as important, using less energy means running your home more efficiently, conserving natural resources and helping the environment.

Learning by doing

Because "saving energy" is an abstract concept for children, be specific about energy efficiency actions and set an example. We know that children learn by observing what their parents do. Even if they don't say anything, children are processing your actions. When you turn off the lights when leaving a room or unplug the phone charger once the device is fully charged, they will notice.

Make learning about efficiency fun, too. For younger kids, turn energy

efficiency into a "treasure hunt" game to locate all the things in your home that use electricity. Depending on the age of the children, challenge them to count and group the items into categories: electronics, appliances, lights, etc. If age appropriate, have them create a list. Ask which gadgets and appliances could be turned off or unplugged to save power every day.

For older children, show them how to program the smart thermostat and appliances. Shop with them for LED lights and discuss Energy Star-rated appliances. Show them the electric bill so they can see the costs, energy use and how their actions impact the bill.

Kids of all ages can learn a few simple energy-saving habits that can last a lifetime:

- ▶ Turn off lights, devices, computers and video consoles when not in use.
- ▶ Open blinds and curtains during winter days to let warm sunlight in and close them during summer days to keep your home cooler.
- ▶ If your children are old enough to run the dishwasher or wash their own clothes, teach them to run these appliances only with a full load and during off-peak energy hours.

Rewards

Offer rewards for agreed upon milestones. Rewards provide positive reinforcement on energy-saving actions. The idea is to create a *habit* of being energy efficient. And for parents, this could mean less nagging about turning off the lights!

Teaching your children about saving energy can instill good habits that will benefit your child long into adulthood.

James P. Howle

JAMES P. "PAT" HOWLE
Executive Vice President/CEO

Horry Electric's 'veteran' leaders



WALTER ALLREAD

Four members of Horry Electric Cooperative's Board of Trustees served their nation in the military, including Bobby E. Jordan (right), who fought in the Vietnam War. Jordan, a Marine Corps corporal, is the first Vietnam veteran featured in the Veterans Project, a comprehensive photographic essay that initially detailed the lives of Operation Iraqi Freedom and Operation Enduring Freedom combat veterans and their return to civilian life. Access the TheVetsProject.com to read Jordan's story. Other veterans on your board include: (from left) Henry W. Boyd, an Army veteran who served as a private first class from 1957 to 1958, followed by four years in the Army Reserves; Freddy Thompkins, an Army Air Corps helicopter door gunner in Vietnam 1966-67 who completed his tour of duty in 1968 as a Specialist 4; and board Vice President Eugene Harriott, Jr., an Army veteran who served in the 25th Infantry Division in Vietnam from 1966 until 1969. He completed his tour of duty as a Specialist 5. Thanks to all HEC members who have served our nation!

Include us in your plans

THE ELECTRIC SERVICE provided to your location is capable of handling the load requirements for which it was originally designed. If you are in the process of or are planning on making changes or additions that may alter the load requirements of your service, please be aware that an upgrade in service may be necessary. Please call us during the planning stages of your project so we can advise you on any necessary upgrade costs before you begin construction.

Effective October 1, 2018

THE FACILITIES CHARGE for single-phase service will increase from the current rate of \$21 to \$22 per month. The charge for three-phase service will increase from \$31 to \$32. The facilities charge is a monthly fixed amount charged to each meter at each service location, regardless of the amount of electricity used. It is for the expenses related to providing service to the meter, which includes utility plant investment; operation and maintenance costs; administration and general costs; depreciation; administrative costs such as billing and property taxes.

This is an additional \$12 per year on electric bills. Our board of trustees will be reducing rates, which should result in an average savings of \$26 per member for a net savings of \$14 for the average member.

CHOOSE WHEN YOU USE



Co-op-sponsored students get whirlwind tour of state capital



Judge Thomas E. Huff of the S.C. Court of Appeals meets with Cooperative Youth Summit students in his courtroom. The former legislator told the students about his co-op experience as a former counsel to Aiken Electric Cooperative. Horry Electric Cooperative sponsored (below, from left) Bailey Frye, Raleigh Cook, Forest Floyd and Trinity Hanna on the Cooperative Youth Summit.

FIFTY-SIX HIGH SCHOOL students from across the state returned to school this fall with a better understanding of how electric cooperatives are preparing for the future.

Horry Electric co-sponsored the Cooperative Youth Summit in July, giving Bailey Frye, Raleigh Cook, Forest Floyd and Trinity Hanna a chance to tour renewable energy sites, meet with state government leaders, explore careers in the electric industry and take rides in all-electric vehicles. Frye and Cook are seniors at Conway High School. Floyd is a senior at North Myrtle Beach High School and Hanna is a senior

Continued on next page





VAN O'CAIN

Youth Summit students checked out an all-electric Tesla vehicle. HEC-sponsored participants (below, from left) Forest Floyd, Bailey Frye and Raleigh Cook also helped fill more than 320 bags with personal items for homeless students.



at the Academy of Arts, Science and Technology.

In its second year, the Cooperative Youth Summit included a visit to Black River Electric Cooperative's Community Solar Farm in Sumter. The students also visited the capitol complex in Columbia. There, state Rep. Beth Bernstein (Richland-Dist. 78) encouraged students to run for office. "I never considered running for office until a friend brought it up," said Bernstein. "I want you to realize each of you has the ability to run."

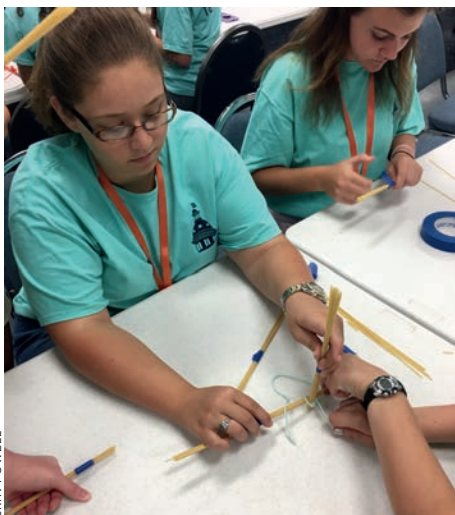
Judge Thomas E. Huff of the S.C. Court of Appeals met with the students in his courtroom, stressing the importance of education. The former legislator also noted his co-op experience as a former counsel to Aiken Electric Cooperative.

Students also visited Mid-Carolina Electric Cooperative in Lexington, learning about line work, taking bucket truck rides, observing pole-climbing demonstrations and hearing of co-op career opportunities. They partnered with S.C. WIRE (Women Involved in Rural Electrification) to fill 320 bags with personal items for homeless students as part of WIRE's Kids' Closet initiative. More than 11,000 S.C. students experienced homelessness last

At Mid-Carolina Electric Co-op, students saw what can happen if an object contacts an energized power line.



WALTER ALLREAD



year, they learned.

The summit ended at the state association of co-ops in Cayce, where students took rides in electric vehicles, a Tesla Model S and Model 3. Association employees explained the science behind electric vehicles.

Horry Electric supports programs like the Cooperative Youth Summit to demonstrate its commitment to community, one of four core values of Touchstone Energy Cooperatives such as HEC. Learn more about the cooperative difference at HorryElectric.com.

After a ride with a lineman in a bucket at Mid-Carolina Electric Co-op, Forest Floyd expressed interest in becoming a lineworker. Later at Mid-Carolina, Bailey Frye (left) and her teammates competed in the Spaghetti Challenge, seeing who could build the tallest structure using dry spaghetti and yarn. At right, Raleigh Cook and a Youth Summit friend compete at Black River Electric Co-op in the Oreo Challenge, where teams see who can move the most cookies from forehead to mouth without dropping any. Another team-building activity—a visit to Escapology in Columbia's Vista—brought together (below, from left) Alayna Carabo from Lynchers River Electric service area, Lindsay Twedt from Mid-Carolina Electric, Dalton Sweatt from Marlboro Electric, Forest Floyd from Horry Electric and Caleigh Caldwell of Fairfield Electric areas.



Over summer, teachers keep learning—with co-ops' help

Veteran educator earns three graduate-level credits by completing free EnlightenSC course

A LOCAL TEACHER went back to school this fall enlightened by a continuing education course co-sponsored by Horry Electric Cooperative.

Kim Dickerson, formerly with St. James High School, earned three graduate-level credits for completing the course, part of the EnlightenSC energy education initiative of South Carolina's independent, not-for-profit electric cooperatives. The course helps teachers use economic concepts to help their students learn energy and related environmental issues.

Dickerson and 22 other teachers also heard about cooperative-sponsored EnlightenSC events and competitions,

Educators with Unit Operator Tina Jenkins of state-owned utility Santee Cooper, which operates the Buzzard Roost Hydro plant. Kneeling below her is EnlightenSC's program director for the course, Dr. Lori A. Dickes of the S.C. Water Resources Center at Clemson.



WALTER ALFREDA

including the Children's Book Challenge, which marks its second anniversary in the 2018-19 school year.

Co-ops created EnlightenSC to give students in South Carolina a more complete understanding of energy, economics, and related environmental issues and to help ensure that lessons about energy become an integral part of each young person's educational

Kim Dickerson toured the Buzzard Roost Hydro facility June 14 during the EnlightenSC summer course.

experience. The EnlightenSC website offers teachers a set of free age-appropriate lesson plans written to existing state standards for science, technology, engineering, and mathematics (STEM). Since 2015, EnlightenSC also has been the title sponsor of the statewide 4-H Engineering Challenge for students.

The state's 20 electric co-ops have a long history of providing educational programs and support. Through EnlightenSC, the co-ops have partnered with a team of educational professionals with more than 50 years of combined teaching experience to foster learning in STEM areas. Dr. Lori A. Dickes of the South Carolina Water Resources Center at Clemson University serves as program director for the summer STEM course.

Learn more about how Horry Electric and other co-ops plan for a brighter future at EnlightenSC.org.

enLIGHTenSC[™]
Energy-focused education

