

*As a "Thank You" to HEMC, the Enfield Police Department had a sticker placed on the back glass of the truck.*



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## Co-op Donates Truck to Enfield Police Department

Concern for community. It's one of the 7 cooperative principles by which a cooperative operates. In 2016, the Enfield Police Department had a need and Halifax EMC was able to fulfill that need by donating a 2000 Ford F-150 pickup truck.

The Enfield PD received the truck in the latter part of the year. It recently had it repainted and striped to match the department's patrol cars. Having the truck now allows the department to tow its 16-foot enclosed trailer, which is often utilized to recover larger-sized stolen items that can't fit in patrol cars. The truck will also be useful during inclement weather duties.

According to Captain Dreher Bozard, the truck has been helpful for the police department's donation drive for the survivors of Hurricane Harvey in Texas. "Without the donation of the truck, it would have been much more difficult to organize and transport all of the donations," he said.



*Chief Tyree Davis of the Enfield Police Department accepts the keys to the truck from Charles Guerry, executive vice president of HEMC.*

"It's nice to know that businesses are willing to contribute to the police department and the community as a whole," Captain Bozard said. "We would like to publicly and personally thank Halifax EMC for their generosity and their contribution towards public safety for the community of Enfield."

In previous years, HEMC has given away old work trucks as door prizes at Annual Meeting. Helping out the police department just seemed like the right thing to do.

**Charles H. Guerry**

*Executive Vice President  
& General Manager*

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**Locations**

Enfield/Macon: (252) 445-5111

[halifaxemc.com](http://halifaxemc.com)

**Tell Us...**

Halifax EMC is your electric cooperative. Your comments and questions are very important to us. Please tell us how we may improve our service. Return your comments/questions along with your payment, or e-mail them to [bamartin@halifaxemc.com](mailto:bamartin@halifaxemc.com). Specific account questions will be answered personally. Remember to include your account number for these types of questions.



## Electric Lines

“Vampire loads come from devices that use electricity even when they appear to be off.”

by Charles H. Guerry, P.E.

*Executive Vice President & General Manager*

Perhaps you are familiar with an undesirable aspect of the electronic and IOT (Internet of Things) revolution: vampire loads. Vampire loads come from devices that use electricity even when they appear to be off. The primary culprits are chargers, set-top television boxes, instant-on televisions and gaming systems. There are others, but these four represent the major offenders.

Let's look at how these vampire loads occur and why they are approaching 10 percent of average household electric use, according to the Environmental Protection Agency.

Chargers take the 120 VAC (volts alternating current) power at the outlet and reduce it down to the voltage required by the connected device, usually 5 to 12 VDC (volts direct current). Obviously, when your device is charging, the charger is using electricity, but you might be surprised to learn that chargers are still using small amounts of energy even when they're not connected to a device.

Television set-top boxes also consume energy when they appear to be inactive. Anytime the set-top box's lights are on, it is using power. Like chargers, they use more when the television is on, but they are always

working — even when the TV is off. This is especially true for those devices with a DVR function that records your favorite TV shows.

The instant-on television is another culprit. The intention of the “instant-on” feature is instant gratification for the viewer, meaning no waiting for the TV to turn on and warm up. Unfortunately, for that convenience, the TV must be on at nearly full power. This mode can be a real energy drain.

The typical gaming console can use as much energy as a regular refrigerator even when it's not being used. Make sure to check the console settings and disable automatic updates, which is where the energy drain comes from. Games on the console are frequently updated, which requires a lot of electricity.

Vampire loads are a real problem that will only continue to grow as the digital age advances.

So how does one combat these dreaded vampire loads? Garlic garlands? Silver bullets?

Fortunately, these remedies of fable aren't necessary. You just need to change how you handle these energy-sucking electronics. See the next page for more tips on how to zap energy vampires.

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# High school students: 'SAY YES' to Youth Tour to Washington D.C.



Halifax EMC is seeking applications from high school students willing to "SAY YES" to the leadership opportunity of a lifetime: The Electric Cooperative Youth Tour to Washington, D.C. Step out of your comfort zone, and join North Carolina's future leaders as they explore the nation's capital.

The Youth Tour allows students to experience Washington, D.C., and learn more about how they can make a difference as young adults. Tourists will visit the Washington Monument, pay their respects at Arlington National Cemetery, meet elected officials and tour Smithsonian museums, all while building connections with peers and future leaders from across the nation.

Halifax EMC will sponsor two local students to join the

June 9–15, 2018

Youth Tour. The all-expenses-paid, weeklong Tour is hosted by electric cooperatives nationwide and is a tradition more than 50 years strong. About 1,800 students from more than 40 states are expected to participate in 2018, and North Carolina's electric cooperatives will send a delegation of nearly 45 students.

Students entering their senior year in Fall 2018, who live in a home served by Halifax EMC, are eligible to attend and are encouraged to apply through Halifax EMC. Delegates will be selected based on their application and essay. Applications for Youth Tour are available by contacting Julia Allsbrook at 252-445-5111 or [jallsbrook@halifaxemc.com](mailto:jallsbrook@halifaxemc.com). Applications are due Friday, December 15, 2017.

## Energy Efficiency Tip of the Month



**Fall/Winter Energy Tip:** When you are asleep or out of the house, turn your thermostat back 10° to 15° for eight hours and save around 10 percent a year on your heating and cooling bills. A programmable thermostat can make it easy to set back your temperature — set it and forget it!

Source: U.S  
Department of Energy

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- Unplug chargers when not in use.
- Invest in smart power strips. These look like normal power strips but have a twist. One of the outlets is the "master" that receives power all the time; the others are off. When the device connected to the master outlet turns on, the other outlets receive power, too. (Ingenious and perfect for entertainment set-ups!) Plug the television into the master outlet and when you turn it on, the set-top box, speakers and streaming devices will turn on, too. They are also ideal for PCs and their peripherals.
- Turn off the instant-on function on your TV. Turn off set-top boxes that do not contain the DVR functionality or use a smart power strip.
- Disable automatic updates in gaming consoles and turn the console completely off when you finish using it.
- When replacing any device or appliance, look for an EnergyStar rated product.



## Co-op Hosts ECU Engineering Student

One of our favorite things about summer at Halifax EMC is supporting the partnership between North Carolina's Electric Cooperatives and East Carolina University's Engineering program by hosting a summer intern. This summer HEMC had the pleasure of providing an internship opportunity for Tyler Harriett.



Harriett is completing his senior year at East Carolina University, where he is majoring in engineering with a concentration in electrical engineering. He is from Washington, NC. Prior to school, Harriett served for four years in the United States Marines.

During his internship, Harriett assisted with monthly work order inspections, assisted with a pole joint use audit, gained hands-on experience with programs used by the cooperative's engineer, and even analyzed meter data and wrote a report for a member experiencing low voltage problems.

Harriett said that he learned the importance of setting daily, weekly and monthly goals. He also noted the value of remaining humble and knowing when to ask for help. Most importantly he witnessed firsthand the co-op's culture, which focuses on the member.

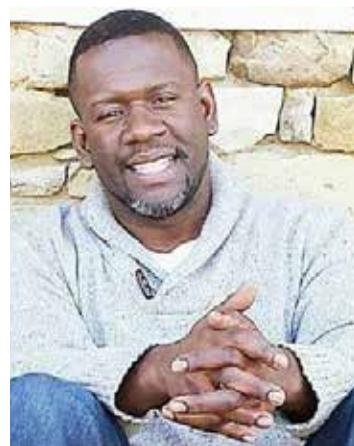
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## Williams Named Tar Heel Teacher of the Week

Meet Michael Williams, Halifax EMC's 2017 nominee for Tar Heel Teacher of the Week!

Williams teaches social studies at Warren New Tech High School. His project, "Parks, Places, and Spaces: the History of Home," a Bright Ideas grant project, was recognized during the radio broadcast of the UNC vs. Louisville football game on September 9.

The Teacher of the Week honorees will attend the UNC vs. Virginia football game in Chapel Hill on Saturday, October 14. They will also be treated to a pre-game tailgate on campus.



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