

# Tideland Topics

**REAL PEOPLE. REAL POWER.**

A NEWSLETTER FOR THE MEMBER-OWNERS OF TIDELAND ELECTRIC MEMBERSHIP CORPORATION

## **NEXT GENERATION:** Inspired by innovation, driven by service

North Carolina electric cooperative leaders met in Raleigh in April 2018 for their Statewide Annual Meeting. Speakers and presentations addressed topics related to the meeting theme, “Energy Solutions: Inspired by innovation, driven by service.”

The meeting featured fresh perspectives from our state’s youth kicking off the meeting. A youth leadership panel included Shakera Davis, a former Tideland EMC Youth Tourist from Hyde County. The group discussed their goals and inspirations, as well as views

on the role of innovation in communities.

“The most important thing about innovation is not being afraid to get out there and do something different,” Davis said. “To be innovative is to wake up every morning and say: Can I be better than the person I was yesterday?”

Davis is a senior at UNC-Chapel Hill. This fall, she will enter the Diplomacy and International Business program at the Libertas International University in Dubrovnik, Croatia.



Former Tideland youth tourist and college scholarship winner Shakera Davis discusses what innovation means to her during a panel discussion at the NC Electric Cooperatives’ annual meeting in Raleigh.



## *Enroll in Outage Text Messaging*

Hurricane season officially starts June 1. Be sure to enroll in outage text messaging so the co-op can keep you up-to-date during large outages. As a rule, outage text messages are sent between the hours of 6 a.m. and 11 p.m., unless unusual circumstances exist. We currently segregate text messaging groups by distribution substation or circuit.

To enroll, text TEMC to short code 85700. You will receive a reply asking that you complete the enrollment process by texting back your Tideland account number. Standard text messaging rates may apply. To opt out of outage notifications, text STOP to short code 85700.



Message to our Member-Owners:  
**Managing peak demand**

**By Paul Spruill**  
 General Manager & CEO

**Right-of-Way  
 Maintenance  
 Update**

In June, Lucas Tree Service will trim our right-of-way on the Lowland circuit starting at Highway 33.

They will also trim along the Craven County circuit: Mary's Chapel Church Road, Walker Road and Aurora Road.

Our mowing crews will be working in Pamlico County on Seafarer Road, Scott Store Road, and all sideroads in that area.

Please support our tree trimming efforts. Trees are the number one cause of outages. Working together we can improve system reliability.

On July 16, 1984, Tideland EMC installed its first load management switch at the Belhaven home of member Willie Allen. Over the next 15 years Tideland would ultimately install over 10,000 load management switches to shed load during peak demand events. At the time, peak demand charges equated to 56¢ for every \$1 the co-op paid for power. The program saved Tideland members millions of dollars in energy charges.

The program was halted in 2002 when the co-op's wholesale power contracts dramatically changed and load management strategies no longer bore economic fruit. Things are now reversing course, and the co-op is exploring new ways to manage demand.

Thanks to the Ocracoke microgrid project, we have been testing the capabilities of wi-fi enabled smart thermostats to effectively reduce demand while ensuring member comfort during a handful of monthly control events. Participants are notified when one of the three-hour control events is likely to occur. If the control event conflicts with household needs, the member can easily opt-out of the event by overriding the thermostat setting. However, data has shown that most members never opt-out and if they do it is so late in the event that we have usually managed to "beat the peak."

Using cellular communications, we similarly conduct water heater control events that slightly lower water heater temperatures rather than shut the units entirely off. That program has the additional benefit of being able to detect when a tank is potentially leaking or has a bad thermostat or failing element.

Furthermore, during last year's bridge construction accident that severed transmission service to Hatteras and Ocracoke islands, we utilized outage text messaging to issue load alerts that helped us bring power back up on the island and manage load while operating on backup generators.

Later this year we will begin testing these technologies on the mainland. We plan to start with members served by the new Fairfield Harbour substation. If you are among the 2,859 members served by that substation, we'll be reaching out to you shortly through a variety of co-op communications to explain what program options will be available to choose from. We'll also hold at least two community meetings in the area to talk about the ever changing energy landscape and what the personal perks are of participating in load reduction programs.

We look forward to engaging with you soon!

**POWER-UP!**  
 SUPERCHARGE YOUR MEMBERSHIP

**Enroll in Outage Text Messaging at  
[www.TidelandEMC.com](http://www.TidelandEMC.com)**

For more information:  
**Call (800) 637.1079**



# Co-op scholarship winners named



**Darvin Contreras**  
Ocracoke School  
The son of Lucila Uribe and Oscar Contreras of Ocracoke, Darvin will attend UNC-Chapel Hill. He will major in exercise science.



**Deanna Marshall**  
Mattamuskeet Early College High School  
Deanna is the daughter of Chad and Stephanie Marshall. She will attend Western Carolina University and major in psychology.



**Maclain Kalna**  
Ocracoke School  
Maclain is the son of Garick and Jacquelyn Kalna. He will attend the University of NC - Chapel Hill where he will major in business.



**Emily McPherson**  
Arapahoe Charter School  
The daughter of Chris and Lisa McPherson, Emily will attend Campbell University. She will major in criminal justice (pre-law).



**Ingrid Watts**  
Epiphany School of Global Studies  
The daughter of Gregory and Gail Watts, Ingrid will major in Aviation and Avionics at Elizabeth City State University to prepare for a career in the US Coast Guard.



**Vanessa Barron**  
Mattamuskeet Early College High School  
Vanessa is the daughter of Willie Barron and Sonia Develazco of Engelhard. She will major in psychology and minor in philosophy at Western Carolina University.



**Mason Caroon**  
Pamlico County High School  
Mason is the son of Clay and Christy Caroon of Oriental. He will major in engineering and applied mathematics at East Carolina University.

Each of these students received a \$1,000 non-renewable scholarship from the Tideland Electric Care Trust. The co-op's community college scholarship winners can be found on the next page.

Tideland will begin accepting 2019 college scholarship applications in December 2018. The application can be found at [www.tidelandemc.com](http://www.tidelandemc.com)

Congratulations to all Tideland area high school graduates.



1

NEVER CONNECT A GENERATOR TO HOUSEHOLD WIRING WITHOUT AN APPROVED DOUBLE-POLE, DOUBLE-THROW TRANSFER SWITCH TO PREVENT DANGEROUS BACKFEEDING ONTO THE ELECTRIC SYSTEM

2

MAKE SURE THE GENERATOR IS ADEQUATELY GROUNDED TO PREVENT ELECTROCUTION

3

PROPERLY VENTILATE THE GENERATOR TO PREVENT CARBON MONOXIDE POISONING. IN FACT, IF YOU OWN A GENERATOR YOU SHOULD ALSO HAVE A HOUSEHOLD CARBON MONOXIDE DETECTOR

4

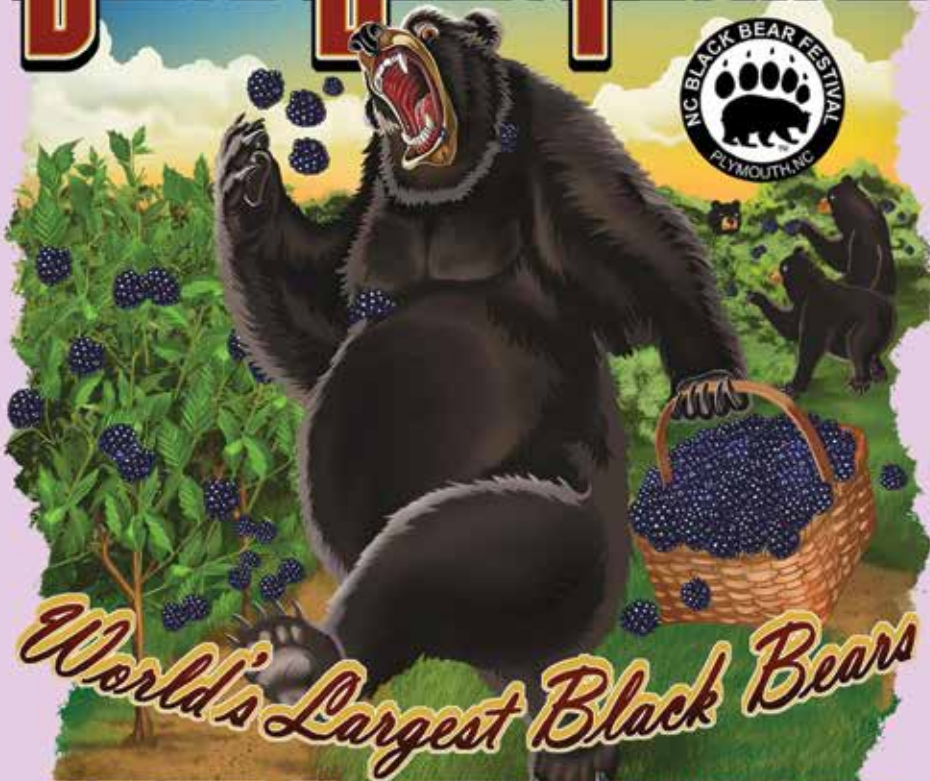
USE PROPERLY SIZED (WIRE GAUGE) EXTENSION CORDS THAT ARE IN GOOD CONDITION AND ALWAYS USE ELECTRICALLY GROUNDED CORDSETS

5

NEVER REFUEL A GENERATOR WHILE IT IS RUNNING. ALLOW IT TO COOL DOWN BEFORE ADDING FUEL.

**LEARN MORE:**  
TO ACCESS TIDELAND'S COMPLETE GENERATOR SAFETY AND SIZING GUIDE VISIT  
[WWW.TIDELANDEMC.COM/STORM-CENTER/GENERATOR-SAFETY](http://WWW.TIDELANDEMC.COM/STORM-CENTER/GENERATOR-SAFETY)

# North Carolina BLACK BEAR FESTIVAL



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"Where Traffic Ends and Adventure Begins"

REAL PEOPLE.  
REAL POWER.

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[www.tidelandemc.com](http://www.tidelandemc.com)

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Tideland EMC is an equal  
opportunity provider & employer



VACATIONING? GIVE YOUR ELECTRIC METER A BREAK TOO

TURN A/C TO 85°F, CUT OFF WATER HEATER BREAKER & UNPLUG ELECTRONICS

## Community College Scholarship Winners



**Deanna Randalls**  
Mattamuskeet Early College  
High School

Deanna is the daughter of Joshua and Tiffany Randalls of Scranton. She will attend Beaufort County Community College where she will major in nursing.



**Lauryn Marrow**  
Northeast Regional School of  
Biotechnology and Agriscience

The daughter of Mack and Pamela Marrow of Plymouth, Lauryn will be attending Wayne Community College. She will pursue a degree in Forestry Management.