

# Watts Working

## Randolph EMC Awards \$12,000 to Teachers with Bright Ideas



**BRIGHT  
IDEAS**

Congratulations to Randolph EMC's Bright Ideas grant winners! Bright Ideas education grants, sponsored by Randolph Electric and North Carolina's electric cooperatives, provide resources to educators for innovative, hands-on, classroom projects up to \$2,000 that would not otherwise be funded. This year, Randolph Electric awarded a total of \$12,000 to 10 projects that will touch the lives of more than 1,500 local students.

Proposals can come from any area of the curriculum. Projects must directly benefit students, provide ongoing benefits, and use innovative teaching methods. A panel of previous Bright Ideas grant winners, various counties' Teachers of the Year, as well as retired teachers, carefully reviewed and discussed each application before deciding on the following final awards.

"We're thrilled to award these dedicated educators with Bright Ideas grants," said Kathleen Duckworth, Communication and Outreach Specialist at Randolph EMC. "Their creative and innovative projects will no doubt enhance classroom learning, help students reach their full potential, and ultimately mold the minds of these children, who are our future community leaders."



*See all of this year's Bright Ideas grant winners on the following pages!*

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### THIS MONTH'S ISSUE:

**B** 2016 Bright Ideas Grant Winners  
**E** REMC's First REConnect Meeting

**F** Dale Lambert's AWARE Column  
**H** Community Solar

**Randolph EMC offices will be closed December 23 & 26 for Christmas and January 2 for New Year's.**



# Congratulations, 2016-17 Grant Winners!



## June Allison, Randleman High School

*\$314 for Eating What You Grow*

Grant funding will purchase supplies for a raised vegetable garden that is wheelchair accessible. Students will plant, grow and eat seasonal vegetables while also learning many skills such as the importance of healthy lifestyles and responsibility.



## John Bowman, Uwharrie Charter Academy

*\$869 for Geocaching: Incorporating Technology for Healthier Lifestyles*

Students will utilize GPS receivers to learn about geocaching, helping them get outside and get moving. This learning activity incorporates science, technology, health, and math, leading to a healthier lifestyle for years to come.



## Kim Collazo, Robbins Elementary School

*\$1,955 for The Launch Pad*

Thanks to funding from the Bright Ideas grant, this project will provide robotic, coding and engineering components and activities for the K-5 students to explore while they are building and learning in the STEM lab.



## Dionne Currie-Hunsucker, Tabernacle Elementary School

*\$1,182 for SUPER S.T.E.M.ulating Lab*

The Super S.T.E.M.ulating Lab project will ensure that STEM content is presented in a hands-on context that makes learning significant and meaningful for elementary aged students. Funding will help purchase Lego Early Simple 16 Machine Classroom Sets to be used in the various activities involved in the project.



## Cassandra Lassiter, Charles McCrary Elementary School

*\$900 for Boys Only Book Club*

The Boys Only Book Club motivates boys to read and give boys a chance to build relationships with peers and male role models in an academic setting. Grant funds will help provide 5 Kids Edition Kindle Fires and new books for the boys to read with their peers during club time.



### Kathy Malpass, Lindley Park Elementary School

#### *\$1,500 for Explore, Create and Learn with Lego Robotics*

Through funding for this project, students in all grades at Lindley Park Elementary will have the opportunity to strengthen their understanding of engineering, problem solving, modeling, creating, investigating, and analyzing through hands-on creations of robotic devices. The Bright Ideas funding will provide the robotic devices, motors and sensors that are used for coding technology and the Legos.



### Elizabeth Pack, Asheboro High School Zoo School

#### *\$1,707 for LabQuests for Natural Resources*

Grant funds will be used to purchase LabQuest2 devices, which students will use to collect and analyze sensory data from the lab and field settings. Field data will include temperature, pH, soil moisture, dissolved oxygen, carbon dioxide, water turbidity, and light intensity. The project will allow in-depth opportunities to study the environment and make informed decisions about stewardship and careers.



### Carrie Robledo, Westmoore Elementary School

#### *\$799 for Drones in Education: Letting Students' Imaginations Soar*

A drone for the school to own will be purchased with the funds awarded to Mrs. Robledo and her Drones in Education project. This project will utilize the drone in projects that help students learn to problem solve, collaborate, and think collectively to form conclusions and solutions.



### Stephanie Ross, East Middle School

#### *\$1,135 for Occupation Station*

"Occupation Station" will be created for the self-contained classroom at East Middle School, to teach adolescents with moderate to severe learning disabilities as they transition into adulthood. The funding will also help provide items for the stations which will help teach students to focus, complete tasks and overcome career obstacles.



### Lee Waln, West Middle School

#### *\$1,640 for Green Screen Technology Studio*

#### *Bringing Life to the Classroom*

The awarded grant will help purchase a Green Screen for West Middle School. The Green Screen Technology Studio will provide an opportunity for students to produce, edit, and share created virtual content. By implementing a studio, students can produce instructional media and communicate their new knowledge with their peers and the greater audience.

**Grant applications for the 2017-18 school year will be available in April. Follow Randolph EMC on Facebook and Twitter for updates and announcements related to Bright Ideas!**

# SWAP SHOP

1974 F640 Dump truck ps, 2 speed, Miller Dump, Grain Sides and Low Sides. Very good tires. \$5,800. 336-581-3506.

Wolf Tanning Bed, 24 bulbs, face and leg tanners, less than 600 hours. Original cost \$3,800. Will sell for \$800. 910-439-4525.

600 Ford Tractor 1954 \$2,800. RV or Boat Storage. 336-328-5021.

Werner extension ladders, Werner step ladders, Dewalt Miter Saw, Nail Guns, Bostitch, Senco, Paslode, Remington guns, Bush Hog, Kane Heating Pad. 336-629-5866.

Pictures, black & white, and color, 8" x 10" \$10.00 or 10"x13" \$25.00. All bridges and mills of the Uwharrie River including the Pisgah Covered Bridge. 336-629-2533.

Two pair of Aigner Brown shoes, size 8 1/2, worn 1 time. Aigner purse, never used, all for \$50.00 or will sell separately. 336-409-5450 or email highfalls\_eagle@yahoo.com.

1955 Chevy Pick-up body parts. Four front fenders, two hoods, three grills, and one rear bumper. All for \$1,000 obo. 910-464-3470. Please include this ad for December.

More Heat Wood Heater \$400. Stihl 039 Chainsaw with 20 inch bar \$375. Wood splitter 3 HP \$350. All in great condition. 2001 Honda Civic 5 Speed, 2 door, sunroof. 215,000 miles. Runs great! Body in fair condition. 1,600 obo. 336-879-5416.

Double-door fireplace insert (from adapted) requires opening at least 37 1/2" w x 24 1/4" h. \$150. 336-362-7907.

WORX QuikSaw. Cordless. 18 V Li-ion battery. Like new in box. \$69 OBO. 336-622-3690.

Selling a light oak entertainment armoire for just \$75. 69" H x 44"

W x 22" D. Armoire has 2 doors at the top to conceal a TV. Also has 3 drawers at the bottom and a door concealing 2 shelves for storage. 336-521-1212.

Chore-Time Super Plus Selector PNT + AVS45 Part #33800F. Two available. \$1,000 each. 336-857-2368.

1965 Pontiac GTO, Chevy 350cu Vortec, 650 Holley, TH350, PS, PB. Original 10 bolt posi, 390 gears. Winter mint green paint, aluminum rims, new radials. Great looking and reliable running car. Older frame off restoration. Not a hot rod. \$15,000. 336-460-7022.

2005 NorTrac Tractor 4WD with front end loader, GC, needs motor. \$2,000. 336-625-4298.

Curio cabinet with glass shelving and lighting, very nice condition. Dimensions are 19.5 W x 10 D x 70 H. \$40. 336-521-0191.

1964 1/2 Mustang, 289 4bbl, 4 speed w/Rally Pac and console, black with black interior, 6,000 miles on rebuilt engine, original matching numbers car, garage kept. Serious inquires only please. \$17,500. 919-837-5170.

Recording King RK-50 Banjo, no marks or scratches on body, comes with strap, books, tuner, stand, and hard case all in EC. \$550 obo. Hohner Chromonica 270 w/case, made in Germany. Seven 532/20 Blues Harps, made in Germany w/cases. Cords A,B,C,E,F&G. Eleven Johnson "The Blues King" harmonicas with 11 different cords in a hard side case lined with velvet that zips for carrying. \$250. 336-953-3280.

3,000 Red Sex Sal Link pullets, chickens at laying age 16 weeks plus, vaccinated and debeaked, \$6.90 and up. Liberty area. 336-708-2998 or 336-317-4105.

1986 GT Convertible Mustang, red with white top, one owner. \$18,000 neg. Heirloom Quilts made in the early 1940's. \$125 each obo. 336-629-2560.

Cleaned deer corn, 50 lb. bags, \$6.00 each. Cleaned Feed Wheat, 50 lb. bags, \$8.00 each. 336-622-2480 or 336-736-0390.

Alan Kulwicki #7 Racing Jacket, XL, red, blue, cream satin, never worn. New handmade quilts, full, queen, and king. Will also repair and finish quilts. Set of 15 pocket knives. Power Booster for RV. 336-625-4548.

1999 Coronado 2BR 2BA furnished, 14' x 62' mobile home and lot. Well, septic, storage. Lot #244 Buccaneer Hills, Holden Beach. \$60,000. 336-824-8724.

## High School Students, It's Your Last Chance to WIN A SUMMER TRIP TO D.C.



In 2017,  
Randolph  
Electric will  
award one  
rising high  
school junior or

senior an all-expenses-paid trip to Washington, D.C., the week of June 12-16. The trip brings together more than 1,500 highly talented, ambitious young people from across the country for an incredible week touring the nation's capital and developing their leadership skills.

As a bonus, this trip looks great on college applications, and students will become friends with people from all over North Carolina, as well as the United States.

Check out YouthTour.coop to get highlights from the 2016 tour and learn more about what's in store for 2017.

Learn more and download your application at RandolphEMC.com.

**Hurry! The deadline to  
apply is December 31, 2016!**

Members, email SwapShop items to [General@RandolphEMC.com](mailto:General@RandolphEMC.com)

### Electric Service

Asheboro .....(336) 625-5177  
 .....(800) 672-8212  
 Robbins: .....(910) 948-3401  
 .....(800) 868-7014  
 Power Failures: .....(877) REMC-OFF  
 .....(877) 736-2633  
 Bill Payments: .....(877) 534-2319  
 Office Hours:..... 8:00 am - 5:00 pm, M-F

### Board of Directors

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



# Holiday Decorations Could Inflate Your Electric Bill

Dickens's "Christmas Carol" is a cautionary tale, and while we're certainly not humbugging the holidays, remember many small things can add up to a high electric bill. Consider limiting the use of inflatable yard ornaments and Christmas lighting to a select few hours daily.

- Use ENERGY STAR flood lights for additional savings.
- Give LED Christmas lights a try. They use 90 percent less energy than conventional light strands.
- Remember to practice good electrical safety by thoroughly inspecting extension cords and never overload an electrical outlet.



## Member-Owners REConnect with Co-op at First Community Engagement Meeting

Randolph EMC's member-owners joined employees and several board directors on Thursday, November 3, 2016, for the first of several quarterly community engagement meetings. The membership gathered at Randolph Electric's Operations Support Facility to hear a presentation on programs and services available to members while enjoying a dinner provided by member-business Chick-Fil-A.

This new series of member meetings, also known as REConnect meetings, allows REMC staff to share tips and answer questions to help our member-owners make the most of their membership. Each of these meetings are scheduled to be held at a different location each quarter, making it convenient for our member-owners to travel to a meeting near their home.

At the November 3rd meeting, members were able to talk with our energy experts to see how REMC's usage monitoring tools can help them manage their energy use.

In addition, they learned about new services and programs the co-op has to offer.

The highlight of the night was a first look at Randolph Electric's new pilot program coming in 2017—REVUP! Through conducted research, REMC has found a growing trend of interest in electric vehicles and in return has created this new program to support cooperative members who already own an EV or who are interested in purchasing in one the future.

Courtesy of member-business Wayne Thomas Chevrolet, a new Chevrolet Volt was on display to give attendees an opportunity to experience the look and feel of an Electric Vehicle firsthand.



***Be on the lookout for an announcement about the next REConnect meeting, coming in 2017!***

# REConnect

# AWARE

*a word about*  
*Randolph Electric*  
by Dale Lambert, CEO



## Dear Members,

A few months ago, I updated you on the higher than normal storm related outages over the summer. This has been a very busy year with outage restoration efforts, but we have also been blessed that a major storm event, resulting in members being out of power for numerous days, has not impacted our system.

The Randolph EMC distribution system is spread out over five counties covering more than 1,500 square miles. Many times, certain sections of the system can experience a significant impact and other sections see very little impact.

This occurred again on Saturday, October 8, when Hurricane Matthew paid us a glancing blow. The southern parts of our system had higher winds and heavier rain than the northern areas, resulting in greater outages.



A total of 9,470 members, 30 percent of the total membership, were out of power at some point during the storm event. A few scattered outages started in the early morning hours of Saturday, October 8. But around lunchtime, as Hurricane Matthew moved up the Atlantic coast, outage activity really picked up.

All of our line personnel and contractors worked to restore power as safely and quickly as possible. Our storm center and employee team coordinated crews and answered your calls.

The outage count by county in order of the greatest number of members

affected were: Moore-4,181; Montgomery-2,492; Randolph-1,560; Chatham-1,224 and Alamance-13. Of all of the members without power, 57 percent were located in Moore County. By early afternoon on Sunday, October 9, most members' power was restored. Our early estimate of the cost impact from the storm is \$230,000.

Unlike lightning and thunder storms, a hurricane or tropical storm with heavy rain, sustained winds and higher gusts will cause trees to topple, falling onto power lines, homes and other structures. Due to the weight of trees covered in foliage, lines are torn loose from poles, and in some cases, the weight breaks power poles.

We were fortunate that only 12 power poles were broken. However, several of the broken poles were





on three-phase circuits, resulting in higher outage numbers than if a pole is broken on a single-phase line.

Once power was restored to our members, Randolph EMC and contractor crews left Monday morning, October 10, to assist Pee Dee EMC in Rockingham. They worked for two days at Pee Dee, then traveled to South River EMC in Dunn. The crews returned home on Friday, October 14.

I want to thank the Randolph EMC team for the great job they did. There were no injuries or accidents during this storm response. We are fortunate to have such a dedicated and seasoned team. For almost a third of our members to be out of power, and for most to be restored within 24 hours, is a testament to the outstanding effort they put forth during this latest storm.

It seems strange to go from talking about a hurricane to winter weather in one article, but as the weather shifts, the possibility of snow and ice comes with it. As you're remembering outages from Hurricane Matthew, please use the tips shown below to prepare for any winter storms that might come our way in the coming months. You surely can never be too prepared.

I'd like to close this month's article by expressing how much your co-op employees and Board of Directors appreciate the support you give us throughout the year. It is truly a pleasure to serve you each day, and as we enter this Christmas season, our hope is that your holidays will be filled with joyous and memorable times spent with family and friends. We all seem to be pressed for time more than usual during the holidays. Please take time to remember the true reason for the season—the celebration of the birth of our Lord and Savior, Jesus Christ. Merry Christmas to all!

Cooperatively Yours,

Dale F. Lambert  
Chief Executive Officer

## Winter Storm Safety Tips

### KNOW THE DIFFERENCE

#### Winter Storm Outlook

Winter storm conditions possible next 2 to 5 days.

#### Winter Weather Advisory

Winter weather conditions expected to cause significant inconveniences & may be hazardous. When caution used, situations should not be life threatening.

#### Winter Storm Watch

Winter storm conditions possible within next 36 to 48 hours. Review winter storm plans and stay informed about weather conditions.

#### Winter Storm Warning

Life-threatening, severe winter conditions have begun or will begin within 24 hours. Take precautions immediately.

### GATHER SUPPLIES

- Water—3-day supply (one gallon per person, per day)
- Non-perishable food (3-day supply)
- Flashlight
- Battery-powered or hand-crank radio
- Extra batteries
- First-aid kit
- Medications (7-day supply)

### WHAT TO DO

- Stay indoors.
- Walk carefully on snowy, icy, walkways.
- Keep dry. Avoid frostbite and hypothermia symptoms.
- Drive only if absolutely necessary.
- Report any power outages or issues to 1-877-736-2633.
- Maintain ventilation in your home if using kerosene heaters and never use generators inside.
- If you do not have adequate supplies to stay warm in your home overnight, consider going to a designated public shelter if you can get there safely.

# Solar Power for You



## No Rooftop Required.

With SunPath Community Solar, Randolph EMC member-owners have the exclusive opportunity to subscribe to the energy produced by the cooperative's solar panels instead of installing and retaining ownership of a solar energy system at home. Participants then receive a credit on their bills for the energy produced by the number of panels in their subscription.

### Two Ways to Subscribe

#### Monthly: \$2.85 per panel

Members pay a monthly per-panel subscription fee and receive a credit for the amount of the energy produced on the same bill. A one-year commitment is required, which renews annually.

**Subscriptions are available on a first-come, first-served basis—sign up now while panels are still available!**

#### Full-Term: \$491 per panel

Members pay a one-time, up-front fee per panel for the rights to that panel's energy output. A credit for the energy produced will post to each bill for the next 20 years.

**Learn more at [RandolphEMC.com](http://RandolphEMC.com) or call us at 800-672-8212 to subscribe today!**

### Some Advantages of Community Solar



More affordable than on-site installation



No changes to your property



Maintenance free



No red tape with zoning restrictions or homeowners' associations



Get the most out of the sun's potential with prime placement at our site



Perfect for renters who want to be involved with renewable energy