

Watts Working

We're Celebrating the Cooperative Difference

Complimentary snacks and chances to win numerous small appliances abound every October when we celebrate National Cooperative Month.

Randolph EMC, like other cooperatives, is guided by a set of principles that puts the people who receive our services – our members – first.

You are a member of Randolph EMC, not just a customer. One fundamental difference between members of electric cooperatives and customers of other utilities is that you have the right to elect REMC's board of directors. Directors establish the cooperative's policies, goals and strategies. By participating in elections for directors, you and your neighbors have the power to elect people who you know will guide our cooperative to be a strong business and community partner.

Another key part of the cooperative difference is that cooperatives are not-for-profit businesses. If revenues exceed the costs of operation and building and maintaining our system, members receive that money back through dividends called capital credits.

The cooperative difference extends beyond democratic control and member dividends to touch our communities. Co-ops are locally owned and locally operated. As part of the community we serve, we take a personal stake in seeing it succeed. We provide Bright Ideas grants to local teachers every year so our children can experience creative learning; we secure federal loans and grants and reissue them to local businesses to improve the vitality of our area; we support critical services like fire and rescue; and we sponsor local community events.

We are proud to be a cooperative business, and we are proud to serve a membership of nearly 26,000 people, including you!

Stop by for a visit!

We'd love to see you during Member Appreciation Days in October. Stop in our Asheboro or Robbins offices to have a cup of coffee and a cookie or two and register to win some great household appliances. We'll be giving away prizes on social media, too, so be sure to follow Randolph EMC on Facebook and Twitter!

It's just our way of saying "Thanks for being a valued member-owner of Randolph EMC!"



VOLUME 78

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OCTOBER 2016

THIS MONTH'S ISSUE:

- B** Halloween Safety Tips
- C** High Energy Usage Alerts Can Help You Save Money

D Dale Lambert's AWARE Column

HALLOWEEN SAFETY TIPS



WALK SAFELY

- Cross the street at corners, using traffic signals and crosswalks.
- Always walk on sidewalks or paths. If there are no sidewalks, walk facing traffic as far to the left as possible. Children should walk on direct routes with the fewest street crossings.



TRICK OR TREAT WITH AN ADULT

- Children under the age of 12 should not be alone at night without adult supervision. If kids are mature enough to be without supervision, they should stick to familiar areas that are well lit and trick-or-treat in groups.



KEEP COSTUMES CREATIVE AND SAFE

- Decorate costumes and bags with reflective tape or stickers and, if possible, choose light colors.
- Have kids carry glow sticks or flashlights to help them see and be seen by drivers.



DRIVE EXTRA SAFELY ON HALLOWEEN

- Drive slowly, anticipate heavy pedestrian traffic and turn your headlights on earlier in the day to spot children from greater distances.
- Popular trick-or-treating hours are 5:30 p.m. to 9:30 p.m. so be especially alert to kids during those hours.

Source: Safekids.org

Calling All High School Sophomores & Juniors

Apply today for the Rural Electric Cooperative Youth Tour program!

One lucky student will win an all-expenses-paid trip to Washington D.C., in June 2017.

Learn more and download an application at RandolphEMC.com!



SWAP SHOP

FOR SALE

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

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 & reliable. Older frame off restoration. Not a hot rod. \$15,000. 336-460-7022.

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

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

Recording King RK-50 Banjo, no marks or scratches on body, comes with strap, books, tuner, stand, & hard case, all in EC. \$550 OBO. Hohner Chromonica 270 w/case, made in Germany. Eleven 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.

Homelite Chain Saw, 14" Bar \$75. Set of golf clubs with bag, \$100. 336-581-3565.

Nigerian Dwarf Goat Kids, many colors available, prices range from \$75-\$125. 336-953-3776.

Pigmy goats, all colors, male and female. \$60 ea. 336-873-7805.

1998 Chevy S-10, ZR2, V-6, 4.3 Super Cab Automatic, 4WD, 152,000 miles. \$3,850. 2003 Ford Ranger, V-6 3.0, 5-speed manual transmission. \$2,000. 336-879-3433.

Troy-Bilt Horse Model Tiller, Electric Start, 6HP Tecumseh Engine, \$400. 336-824-7339.

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

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

Mortar Mixer, practically new, processes 8 bags. \$1,000 OBO. 336-625-4298.

Tesoro Compare & Silver Umax metal detectors for \$225. Great Condition. 336-963-5706.

1986 GT Convertible Mustang, red with white top, one owner. \$18,000 neg. Heirloom Quilts made in early '40s. \$125 each OBO. 336-629-2560.

Cleaned deer corn, 50 lb. bags, \$6 ea. Cleaned Feed Wheat, 50 lb. bags, \$8 ea. 336-622-2480 or 336-736-0390.

Alan Kulwicki #7 Racing Jacket, XL, red, blue, cream satin, never worn. New handmade quilts, F,Q,K. Also repair & finish quilts. Set of 15 pocket knives. 336-625-4548.

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

46 acres of land (28 acres cleared field, 15 acres wooded and approximately 3 acres of adjoining building lots) in Southwestern Randolph school district. All property with highway & street frontage. \$180,000 for all. Will not divide. 336-963-2941 or 336-653-6040.

FOR RENT: 3 BR, SW Mobile Home, \$475/month. Also lot for rent located in High Falls area, \$150/month. 910-464-3459.

FOR RENT: 2 BR, SW Mobile Home in Franklinville area. 336-639-0323.

Members, email SwapShop items to General@RandolphEMC.com

Electric Service

Asheboro(336) 625-5177
(800) 672-8212
 Robbinston:(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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 Jerry Bowman Vice President
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 Tammie Phillips Asst. Sec. Treasurer
 James Andrews Delbert Cranford
 Steve Harris Billy Maness
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REMC is an equal opportunity provider & employer.

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Jill Vanness Communications Director, Editor
 Kathleen Duckworth Communications & Outreach Specialist, Associate Editor

www.RandolphEMC.com



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You're Invited to...

REconnect

A Series of Community Engagement Meetings
for **R**andolph **E**lectric Member-Owners

RETHINK Your Energy Strategies

- **Talk with our energy experts** to see how REMC's usage monitoring tools can help you be a master at managing how your energy's used.
- **Curious about electric vehicles?** Find out how these can be a savings tool for both EV owners and the cooperative, and how we plan to support this growing trend across the system.
- **What's new?** Learn about new services and programs your co-op has to offer.

Join Us!

When: November 3, 2016
6:30 p.m.
(Light Dinner Included)

Where: REMC's Operations Support Facility located at the Asheboro Office at 879 McDowell Road

RSVP: To Ravonda Hanes at 1-800-672-8212 or Ravonda.Hanes@RandolphEMC.com by October 21, 2016

Staying 'Alert' Can Help You Save Money

Sign Up for High Energy Usage Alerts



Did you know that you can set up alert notifications to make you aware of high usage on your account and avoid unwanted "surprises" on your bill? Our Energy Usage Alert notifies you when your daily energy usage exceeds the dollar amount that you have set up.

What Happens If I Receive an Alert?

If usage alert notifications are received consistently for a few days, and seasonal temperature fluctuations can be ruled out, it is time to investigate further.

Log on to the Member Service Portal at RandolphEMC.com and click on the *My Alerts* tab to set up alert notifications on your account. You can select one or all three options – text, email, or push notifications.

survey

This fall, REMC will partner with TSE Services and FGI Research to conduct its fourth quarter member satisfaction survey.

You may be contacted by phone between October and December and asked to participate. The call will likely come from a 919 area code, as the company calling on behalf of Randolph EMC is based out of Raleigh.

The feedback gathered in these surveys helps REMC gauge its performance and improve products and services in the future.

We appreciate your time and thank you for sharing your thoughts!

CO-OPS



VOTE

A PROGRAM OF AMERICA'S
ELECTRIC COOPERATIVES
WWW.VOTE.COOP



Send a Powerful Message

Take the pledge to vote this election year.

Visit vote.coop to take the pledge.

Co-ops across the nation are dedicated to making our voices heard at the polls.

Collectively, we can make a difference!

CO-OPS VOTE
A PROGRAM OF AMERICA'S ELECTRIC COOPERATIVES

AWARE

a word about
Randolph Electric

Dear Members,

by Dale Lambert, CEO

This month's article was inspired from one of your fellow members, Mr. Bob Crumley. Mr. Crumley was speaking at our Rotary meeting and we had a few minutes to catch up. The conversation turned to electricity and how it is more than just kilowatt hours. His statement was, "You should write an article sometime explaining to the members the basics of how demand and energy work."

So, this month's article is devoted to digging into the terminology and operational intricacies of electricity. I hope you find it beneficial and it provides a deeper understanding of how your electric cooperative operates. First, let's review a few terms about electricity:

Capacity: The potential for generating power at a generation plant or the electrical load of a motor or piece of equipment measured in kilowatts or Watts.

Demand: The amount of electricity drawn from the system at any time, measured in kilowatts (kW). It is the measurement of how fast electric energy is being generated or consumed at a given time. The higher the demand, or load, the faster energy is used.

Watt: A measurement of electric power flow. A Watt is a measurement of power at a rate energy is produced or consumed.

Kilowatt (kW): The measurement of electric demand or power. One kW is equal to 1,000 Watts.

Kilowatt hours (kWh): A measurement of the total electricity used (electric energy) for a period of time. 1,000 Watts of electrical load used for one hour equals one kilowatt hour.

I've had many discussions over the years with others in the electric utility industry about how consumers of electricity do not have an appreciation or understanding of all that it takes to deliver reliable and affordable electricity to our homes and businesses. I can't say that I disagree—things tend to get complicated (and eyes tend to glaze over rather quickly) when someone wades off into the "deep water" with this amount of detail.

But having a basic understanding of how the

industry operates will give you some insight on why Randolph EMC has established strategies and programs that bring value to our members and help contain cost. So, let's dive into the deep end of the pool!

A few years ago, I recall reading in a magazine article a great explanation of how the electric utility grid works using water as a comparison. Think of the electric utility grid like a large shallow lake. There are many sources flowing in and feeding the lake. These would represent all the generating plants and resources connected to the grid that generate power. But there are many, many more users of the "lake water" than resources contributing to it. These would represent every electrical meter connected to a transmission or distribution line.

In this analogy, electricity flow can be compared to water flow in the sense that if pressure is applied to one end of the pipe (or wire), then water (or electricity) will flow out the other end.

With electricity generation, there always has to be an excess of capacity in the generation fleet to meet the high demand days. So, in order for the "lake" to continue supplying water to the users when they need it, it must remain at the same level every minute of every day. Electric generation plants must be continually monitored and balanced to keep the input of generation balanced with the outflow of consumption. If the outflow is greater than the inflow, the shallow lake will dry up quickly.

For our residential members—almost 93 percent of the total membership—it is very simple to calculate the consumption of electricity on the power bill. There are only two components: 1) the Basic Facilities Charge, and 2) the energy or kilowatt hour charge.

The Basic Facilities Charge is a component of the power bill that's included in every utility's rate schedule and is designed to cover the cost of our power delivery system. This is basically everything it takes just to deliver the energy to your homes and businesses, including transmission lines, substations, distribution lines, poles, wire and transformers. It is also designed to cover



any required maintenance on the system and the cost to restore power when the lights go out. In most cases, as with Randolph EMC, utilities collect a portion of the Basic Facilities costs within the energy charge portion of the bill. The second component, the energy or kilowatt hour charge, is simply the measurement of how much electricity you have used for the month.

But the bill that reflects the cost of generating and delivering power to Randolph EMC's transmission network and distribution substations is much different. It includes a demand charge for the amount of electricity that is used on our system. Year-to-date, 53 percent of the dollars we have paid out are for demand (kilowatts - kW), 41 percent is for the energy portion (kilowatt hours - kWh) and six percent is for our share of the cost of the bulk transmission delivery.

This is why your cooperative is so focused on controlling the demand costs on our system and why energy conservation is important. Everyone benefits if we can reduce these demand costs. With the assistance of our cooperative power supplier, North Carolina EMC, we are continually investigating new opportunities and technologies that will assist in lowering our demand during high usage times. I will provide additional details as we move through the analysis and review of these possibilities.

Hopefully, I haven't "muddied the water" too much with my attempt to explain some of the realities of delivering power and energy to your homes or businesses. If you liked the article, you can thank Bob, but if you didn't like it, I guess you can blame me! Thanks for the opportunity to serve you each and every day.

Cooperatively Yours,

Dale F. Lambert,
Chief Executive Officer