Make ElectriConnection



For members of Wake Electric Membership Corporation

JANUARY 2013

18 19 20 21 22

RSVP for February MAC Meetings



Jim Mangum converses with a member after an October 2012 MAC meeting.

t's that time of year again... we are busily preparing for the winter 2013 Member Advisory Committee (MAC) meetings, to be held in February. Jim Mangum, General Manager and CEO of Wake Electric, will discuss how

the co-op leverages member equity to access the debt capital markets, taxes Wake Electric must pay, as well as renewable energy. These meetings are an excellent way to discuss electric utility issues and the current plans and progress of Wake Electric with its senior management team.

These casual meetings are open to all Wake Electric members. As an incentive, we will have several drawings for a \$25 credit on your next electric bill. A catered dinner is included for all attendees.

The February MAC meetings will be held at Wake Electric's Youngsville office at 228 Park Avenue at 6:30 p.m. Members can choose to attend ONE of the following dates:

- ⋆ Monday, February 11
- *Tuesday, February 12
- **★**Wednesday, February 13

Questions or wish to RSVP? Please contact Darnell Alford, Business Operations Specialist, at (919) 863-6312 or 1-800-474-6300 or via e-mail at Darnell.Alford@WEMC.com.

Space is limited and attendance is on a first come, first serve basis. If the date you have chosen is full, you will be notified. Leave a contact number in your RSVP.

For more information, visit www.wemc.com/ membermeetings.aspx. We hope to see you there!



A Touchstone Energy® Cooperative

Save the Date for Wake Electric's 2013 Annual Meeting

When: Friday, March 22

Time: Registration–5:30 p.m. Business Meeting–7 p.m.

Location: Louisburg College

Auditorium

To learn more: Visit

www.wemc.com/annualmeeting.aspx.

We hope to see you there!

Holiday Closing

Wake Electric's offices will be closed on Tuesday, January 1, 2013, in honor of the New Year. For emergencies, please contact us at (800) 474-6300 or (919) 863-6300.





SUBMIT YOUR "A" FOR
CHANCE TO WIN GIFT CARD
Hey, students! Don't miss the
opportunity to win a \$25 Visa
gift card through the "Give
Us an A" program. The next
deadline for submitting your
"A" grade(s) is Friday, January
21 at 5 p.m. To learn more
about Wake Electric's "Give
Us an A" program and how to
submit your grade, please visit
www.wec.com/giveusana.aspx.

Call to report outages: 919.863.6499 or 800.743.3155

Regular office hours: M-F, 8 a.m.-5 p.m.

Telephone hours: M–F, 7 a.m.–6 p.m., 863.6300 or 800.474.6300

Underground locating service: Call 811

Dedicated pay-by-phone number: 866.999.4593

Wholesale Power Cost Adjustment Increase Beginning in January 2013

ffective January 2013, Wake Electric plans to increase the wholesale power cost adjustment (WPCA) on your monthly electric bill by one half cent—from 2.0 cents per kWh to 2.5 cents per kWh. The WPCA is added to a member's bill each month to reflect changes in the cost of purchased power from the cooperative's wholesale power suppliers.

The 2.5 cents per kWh WPCA scheduled for January 2013 is the same amount charged in 2009 to recover a spike in coal and natural gas prices. The WPCA was then lowered to 2.0 cents per kWh in January 2010, and has remained unchanged for three years.

A household that uses 1,000 kWh per month can expect to see a \$5 per month increase on their electric bill with the new WPCA. Area and street lighting rates will also change based on the amount energy used by each type of light.

While this is a relatively small increase, we expect that electric

rates will continue to rise over the next several years. Current projections indicate that we could see cost increases over the next five years that match the total amount of increase during the last fifteen years [about 1.5 to 2.0 cents per kWh].

The primary reason for the increased cost is the 2013 deadline for full implementation of the North Carolina Clean Smokestacks Act. which was approved in 2002. While providing important health and environmental benefits, the Clean Smokestacks Act required utilities to reduce air pollution emissions (nitrogen oxide and sulfur dioxide) dramatically. Both Duke Energy and Progress Energy, two utilities Wake Electric purchases wholesale power from, have been working for ten years to meet the new requirements by adding pollution control equipment to some existing coal plants, and by retiring older coal plants, replacing them with new generation facilities. Duke Power and Progress Energy have spent

billions on this effort and now those costs are starting to be reflected in both wholesale and retail rates for electricity in North Carolina.

Pending environmental regulations from the Environmental Protection Agency could also cause members' bills to rise in the longer-term future. Proposed government regulations would tighten air and water standards for generating plants and shorten the timeframe to comply with these new standards, forcing utilities to replace or add facilities and equipment on an accelerated schedule, which increases costs

Wake Electric is a not-for-profit cooperative- that means we don't raise rates to generate profits. We raise rates to cover the cost of doing business and only when absolutely necessary. Rate increases are tough for everyone, but necessary when the cost of generating electricity increases. For tips on how to save on your electric bill, energy efficiency and additional WPCA information, visit our Web site at www.wemc.com.

Wake Electric Awards RoundUp Grants to Local Nonprofits

3rd quarter 2012 Operation RoundUp grant winners NAME OF NONPROFIT **AMOUNT INFO ABOUT GRANT** COUNTY **ORGANIZATION AWARDED NONPROFIT** IS LOCATED **Durham County Health** \$900 Durham Food for educational Department **Programs** North East Wake \$1,000 Wake Weekend meals **Backpack Buddies** backpack program Vance Life Line Outreach, Inc. \$1,000 Food supplies for food bank Care & Share of Franklin \$1,000 Emergency food Franklin County supplies for needy

wake Electric awarded more than \$3,900 in grant monies during the 3rd quarter of 2012 to deserving nonprofit organizations located in counties served by the coop. These grants were made available through the Operation RoundUp program.

Wake Electric Kicks Off Touchstone Energy Sports Camp Scholarships

MIDDLE SCHOOL STUDENTS CAN WIN A SCHOLARSHIP TO ATTEND A LOCAL, ESTEEMED BASKETBALL CAMP

Wake Electric is providing basketball camp scholarships for female rising sixth through eighth graders to attend the Kellie Harper Basketball Camp at North Carolina State University in Raleigh and male rising sixth through eighth graders to attend the Roy Williams Basketball Camp at the University of North Carolina at Chapel Hill this summer.

Coaches at both camps will work

closely with each camper to develop fundamental skills that will help the young athletes both on and off the court.

Wake Electric will begin accepting applications on Wednesday, January 2. The deadline to apply is Friday, March 29. Applicants will be judged on their academics, extracurricular activities and accompanying essay.

Students can download an application at www.wemc.com/

basketball.aspx, starting Wednesday, January 2. Applicants sponsored by Wake Electric must live in Durham, Franklin, Granville, Johnston, Nash, Vance and Wake counties but do not have to live in households served by Wake Electric to win.

For more information, please contact Wake Electric at communications@wemc.com or (919) 863-6312.





Congratulations to the 2012 Touchstone Energy Sports Camp winners: Dara McCluskey of Wake Forest; Jakob William Snipes of Selma; and Olivia Dougherty, also of Wake Forest.



Nonprofit agencies located in counties that Wake Electric serves, which includes Durham, Franklin, Granville, Johnston, Nash, Vance and Wake counties, are eligible to apply. The agency does not have to be a member of Wake Electric.

Grants are open to all project and subject areas that enhance economic

infrastructure and job creation, promote service or charitable organizations, and meet emergency needs of individuals within the service area of Wake Electric.

Each quarter the board of directors for the program's administrative body, the Wake Electric Foundation board, meets to determine who will be awarded funds. The funds for the Operation RoundUp grants come from Wake Electric members who agree to round up their electric bill to the nearest whole dollar. For example, if the bill is \$104.91, the bill will be rounded up 9 cents to \$105.

Preparing for Ice Storms and Power Outages

anuary can be a pretty cold month in our state, and North Carolinians are no strangers to snow and ice storms. Unfortunately, bad winter weather can sometimes lead to power outages, but a little prep work now could make the winter weather season easier to endure.

To prepare for an ice storm, be sure to have the proper supplies handy. Flashlights and extra batteries are essential to your winter weather supply kit. Include a battery-powered radio in your supply kit so that you can listen to the weather forecast during an outage. Be sure to keep extra clothes and blankets in your emergency kit to stay warm if the power goes out, and remember to have a first aid kit handy. Cordless phones will not work if the power goes out, so always keep one corded

phone in your home.

Many grocery and convenience stores may be closed or inaccessible after an ice storm, so stock up on non-perishable foods before the storm arrives and make sure that you have a manual can opener that can be used to open canned food during a power outage. Keep plenty of bottled water in your home. Fill your gas tank before the storm, and if you take any prescription medications, be sure to have at least one week's supply available. Having all of these supplies on hand before an ice storm or power outage will make the experience less stressful.

To keep your home safe, make sure that all of the batteries in your smoke alarm are working properly. Also, be sure that you have fire



extinguishers in your home and teach each resident the proper way to use them. If you are without electricity and use a portable generator, follow the generator's safety guidelines to avoid carbon monoxide emissions, burns and possible electrocution. If you have questions about generator safety, call your electric cooperative.

Although ice storms that result in power outages can be frustrating, preparing both your home and your family will help ease the frustration when storms hit.

TECHNOLOGY CORNER

For more information about any of these offerings, please contact our office at 919.863.6300 or 800.474.6300

ADVANCED METER INFRASTRUCTURE (AMI) METER UPDATE

Wake Electric has currently upgraded 30,500 meters to our new AMI meters, which represents about 85 percent of our total membership. It is our goal to have all of the residential meters exchanged system-wide in the first quarter of 2013. AMI meters store electric use, outage and voltage information, as well as communicate it back to the co-op office through a secure, wireless communication network. We appreciate you still calling (919) 863-6499 or 1-800-743-3155 to report an outage, even after your meter has been switched to an AMI meter.

MONITOR & MANAGE PROGRAM

Once your meter has been upgraded, you will have access to the Monitor & Manage program, an online energy monitoring system that utilizes



Wake Electric's "smart grid" communications network to collect monthly, daily and hourly energy data reports from each home. Interval data reports are available through your eBill account, free of charge. The energy usage reports will allow members to better evaluate and manage their energy consumption. For more information, visit www.wemc.com/monitorandmanage.aspx.



ENERGY EFFICIENCY TIP

Sleek new flat-panel TVs can consume almost as much electricity as a refrigerator. In general, the bigger the screen, the more power it draws, and HD pulls more, too. Plasma screens use the most energy, while LCD TVs use much less. Remember to change your new TV's default settings to a power saver mode, and turn down the LCD backlight to save energy without sacrificing picture quality.

Source: Cooperative Research Network

Wake Electric Offers Exede, the Next Generation Satellite Internet Service

Say goodbye to WildBlue and hello to Exede, the next generation of broadband Internet service via satellite. Exede, from the company ViaSat, will allow Wake Electric members to watch streaming videos, television shows and movies with fewer delays from buffering, share photos remarkably faster, video chat with less jitter, send and receive files quickly, download and stream music, experience exceptionally fast web browsing and email, and have 24/7 customer service support.

Exede's high-speed Internet service brings together the highest capacity satellite in the world, state-of-the-art equipment and breakthrough web acceleration technology. The new satellite, ViaSat-1, represents the most significant capacity leap in the history of satellite technology, and best of all, it is available now to our members.

Exede is competitive with speeds offered by fiber and cable operators. Pricing starts at \$49.99 a month for the 10 GB plan.

Please make sure you sign up for Exede through Wake Electric, and not the national retail store, to support your local electric cooperative. For more information on Exede, please call 1-877.908.6824 or visit www.touchncnow.net.



High School Juniors:

Apply for 2013 Rural Electric Youth Tour

WINNERS RECEIVE \$1,000 SCHOLARSHIP AND ALL-EXPENSES PAID TRIP TO D.C.

Wake Electric kicks off its 2013 Rural Electric Youth Tour program on January 2. The coop is seeking applicants for a \$1,000 scholarship for college, plus a free, all-expenses-paid trip to Washington, D.C., for the 2013 Rural Electric Youth Tour. The trip is set to be held June 14–21, 2013.

For more information on eligibility or to download an application, please visit www.wemc.com/youthtours.aspx. The deadline to submit applications to the Youth Tour program is Friday, March 15. Students must go on the trip to Washington, D.C. to receive the college scholarship.





Wake Electric Annual Meeting Requirements

Excerpts from Wake Electric's bylaws relating to voting, proxies, director qualifications, districts and nominations are listed below for the Annual Meeting scheduled for March 22, 2013. A complete copy of the bylaws is available upon request.

ARTICLE III-SECTION 3.06 VOTING

Each member who is not in a status of suspension...shall be entitled to one vote...Voting by members other than members who are natural persons shall be allowed upon the presentation...of satisfactory evidence entitling the person... to vote. A person entitled to cast the vote of such an entity, who is also himself a member, may vote his own membership as well as that of the entity here presents. At all meetings of the members at which a quorum is present, all questions shall be decided by a majority of the members voting there-on in person or by proxy, except as otherwise provided.

ARTICLE III-SECTION 3.07 PROXIES At any meeting of the members any member may vote by proxy if such proxy (a) is registered before or at the time of the meeting (b) is executed by the member in writing and designates the holder thereof...which holder(s) shall be the member's spouse, an adult close relative (18 years or older) residing in the same household as the member, or another member and (c) specifies the particular meeting...no person shall vote as proxy for more than five (5) members...Whenever a member is absent from a meeting...but whose spouse attends such meeting, such spouse shall be deemed to hold, and may exercise and vote unless such member has given a written proxy to

ARTICLE IV-SECTION 4.01 NUMBER AND GENERAL POWERS

The business and affairs of the Cooperative shall be managed by a Board consisting of nine (9) directors, which shall exercise all of the powers of the Cooperative except such as are by law or by the Cooperative's Certificate of Incorporation or Bylaws conferred upon or reserved to the members.

ARTICLE IV-SECTION 4.02 QUALIFICATIONS

Any member shall be eligible to become or remain a director of the Cooperative save and except those who: (a) While serving on the Board or during the ten (10) years preceding his or her nomination thereto shall have been finally adjudged to be guilty of a felony; or (b) Are or become a close relative of an incumbent director or of an employee of the

Cooperative, PROVIDED, no incumbent director shall lose eligibility to remain a director or to be re-elected as a director if he or she becomes a close relative of another incumbent director or of a Cooperative employee because of marriage to which he or she was not a party; or (c) Have not continuously been, for at least two (2) years prior to his or her nomination, or who have ceased after his or her election to be, a member in good standing of the Cooperative, receiving service there from at his or her primary residential abode in the Directorate District from which he or she is elected. PROVIDED, that the operating or chief executive of any member which is not a natural person, such as a corporation, church, etc., or his or her designee, shall, notwithstanding that he or she does not receive service from the Cooperative at his or her primary residential abode, be

eligible to become a director, from the Directorate District in which such member is located, if he (or she) or such designee (1) is in substantial permanent occupancy, direction or use of the premises served by the Cooperative, and (2) is a permanent and year-round resident within or in close proximity to an area served by the Cooperative, BUT PROVIDED FURTHER, that no more than one (1) person may serve on the Board of Directors at the same time); or (d) Are removed by a majority vote of the remaining directors, in accordance with the procedures hereinafter set forth; or (e) Are not at least eighteen (18) years old; or (f) Are or within the past ten years have been employed by

Cooperative; (g) Are or within the past ten years have been employed by any subsidiary of the Cooperative; (h) Are or within the past five years have been employed by any cooperative, corporation, limited liability company or other organization or legal entity in which the Cooperative is a member; (i) Are or within the past five years have been employed by any cooperative, corporation, limited liability company or other organization or legal entity in which the Cooperative is a stockholder owning or in control of two percent or more of the outstanding interest in such entity; or (j) Are or within the past ten years have been in any way: (1) employed by or hold a substantial financial interest in a competing enterprise, or (2) a vendor selling supplies to the Cooperative; (k) Are or within the past ten years have been in any way employed by or hold a substantial financial interest in a business selling electric energy to the Cooperative or a business substantially engaged in selling electrical or plumbing appliances, fixtures, supplies or wiring primarily to the members of the Cooperative.

some other person

(I) Are or within the past five years have been employed by, or worked primarily as a consultant to, any other electric, telephone, natural gas or other utility company, including generation companies and power marketers, or any trade association or governmental agency or entity which deals with utility services including, but not limited to, other electric membership corporations, investor-owned utilities or municipally-owned utilities.

ARTICLE IV-SECTION 4.05 DIRECTORATE DISTRICTS

District One is an at-large district that includes the Cooperative's entire service area.

District Two is that portion of the Cooperative's service area located in Wake County east of N.C. Highway 50; north of the Neuse River; west of U.S. Highway 1 until it intersects with U.S. Highway 1-A south of Wake Forest, then west of U.S. 1-A.

District Three is that portion of the Cooperative's service area located in Franklin, Granville and Vance and Counties north of N.C. Highway 56.

District Four is that portion of the Cooperative's service area located in Durham,

Granville and Wake Counties south of N.C. Highway 56; west of N.C. Highway 50.

District Five is an at-large district that includes the Cooperative's entire service area.

District Six is that portion of the Cooperative's service area located in Wake and Franklin Counties east of U.S. Highway 1 until it intersects with U.S. Highway 1-A south of Wake Forest and then east of U.S. Highway 1-A; south of SR 1100; west of U.S. Highway 401; and north of the Neuse River.

District Seven is that portion of the Cooperative's service area located in Granville and

Franklin Counties east of N.C. Highway 50; south of N.C. Highway 56; and west of Highway 1-A; north of N.C. State Road 1100; and north of N.C. Highway 98. District Eight is that portion of the Cooperative's service area located in Wake and

Franklin Counties north of the Neuse River; east of U.S. Highway 401; south of N.C. State Road 1100; and south of N.C. Highway 98.

District Nine is that portion of the Cooperative's service area located in Johnston and Nash Counties.

SECTION 4.06 NOMINATIONS

The Board of Directors shall appoint the Committee on Nominations and resolutions at least 90 days prior to the Annual Meeting. The Committee on Nominations, consisting of nine (9) members of the Cooperative, who are not existing Cooperative employees, agents, officers, directors or known candidates for director, who are not close relatives (as hereinafter defined) or members of the same household, thereof. The General Manager shall convene the Committee and it shall be the duty of the Committee to meet and prepare and post at the principal office of the cooperative not less than forty-five (45) days prior to the meeting a list of nominations for directors to be elected, listing separately the nominee(s) with

respect to each Directorate District from or with respect to which a director must, pursuant to this Article, be elected at the meeting. The Committee may include as many nominees for any director to be elected with respect to any Directorate District as it deems desirable...Any fifteen (15) or more members of the cooperative, acting together, may make additional nominations in writing over their signatures, listing their nominee(s) in like manner, not less than thirty-five (35) days prior to the meeting, and the Secretary shall post such nominations at the same place where the list of nominations made by the Committee is posted.

SECTION 4.07. VOTING FOR DIRECTORS

In the election of directors, each member shall be entitled to cast the number of votes (but not cumulatively) which corresponds to the total number of directors to be elected, but no member may vote for more nominees than the number of directors that are to be elected from or with respect to any particular Directorate District.

ElectriConnection

Published monthly by Wake Electric

P.O. Box 1229, 414 East Wait Avenue, Wake Forest, NC 27588, www.wemc.com

BOARD OF DIRECTORS

Roy Ed Jones, Jr. President Reuben Matthews Vice President Joe Eddins Secretary Howard Conyers Bill Bailey Mike Dickerson Joe Hilburn Suzy Morgan Allen Nelson

Treasurer PERSONNEL

Jim Mangum General Manager & CEO

Phil Price Chief Operating Officer & Ass't. General Manager

Don Bowman Manager, Engineering Fred Keller Manager, Member & Energy Services

Scott Poole Manager, Customer Service

Suzanne Shoaf Ward Public Relations/Communications Specialist and Editor

Co-op Announces 2012 Bright Ideas Grant Winners



ake Electric recently awarded 24 teachers in Durham, Franklin, Johnston, Nash and Wake counties with Bright Ideas education grants, totaling more than \$49,844.

Bright Ideas, sponsored by North Carolina's electric cooperatives

(which includes Wake Electric), strives to improve education in North Carolina's classrooms by awarding grants to teachers in grades K–12 for innovative, classroom-based projects that would not otherwise be funded.

Since the program's inception in 1994, the overall Bright Ideas program has touched more than 1.4 million students. Statewide, the Bright Ideas grant program has funded more than 7,700 projects and awarded more than \$7.9 million in grant monies to deserving North Carolina teachers. Wake Electric's Bright Ideas grant program has awarded more than \$629,800 to area educators since it began. To learn more about the grant program, visit www.ncbrightideas.com or Wake Electric's website at www.wemc.com/brightideas.aspx.

Bright Ideas grant winners for 2012 include:

	it williners for 2012 i	
Name of Bright Ideas Grant Winner	School	Name of Grant Application
Jenny Beaudin	Root Elementary	Luscious Literature
Laura Berube	East Wake Academy	Creek Keepers of EWA
Emily Blair	Banks Road Elementary	Closing the Gap: Teaching English Learners in the 21st Century
Abby Boykin	Corinth Holders High	Say "Cheese" to Art History and Photography
Amber Brewer	Bunn Elementary	Lengua Literacy
Stephanie Caviness	Wilson's Mills Elementary	Take-Home Science Investigations
Jennifer Causey	Laurel Park Elementary	Yamaha Music in Education Piano Keyboard Lab
Christie Clem	Sanderson High	Sports Medicine— Rehab Essentials
Joan Colalilo	Conn Elementary	Publish Me!: Honoring NC History
Trish Dillon	Sycamore Creek Elementary	We Can Communicate through Touch
Windy Edwards	Franklinton High	Rags to Respectability (A Bridge from High School to Success)
Amanda Gosek	Selma Elementary	iMath
Carl Harrington	East Wake Academy	Community History Online Museum
Robin Hiatt	Powhatan Elementary	Good Morning Powhatan!
Chad Holloman	Corinth Holders High	"The Future Is In The Fish"— Aquaculture and Hydroponics in High School
Carrie Jones	Middle Creek High	Electrified by STEAM
Donna Jones	Edward Best Elementary	The Natives Are Restless
Michele Josey	Hillside High	Mouse Mischief Extreme
Bobbie Lequire	Wilton Elementary	What is Your Dream?
Makenzie Manard	Selma Elementary	iHeart Reading
Jodi Pearson	East Wake Academy	Flip It: Student Publishers
Nancy Shaffer	Terrell Lane Middle	Guys' Reading Connection
Brittany Tripp	Southern Nash Middle	Who Cut Out the Lights? An Energy Resource Investigation
Rita Vermeulen	North Forest Pines Elementary	Flipping On the Switch to Accessible Learning

The funds for the Bright Ideas grants come from Wake Electric members who agree to round up their electric bill to the nearest whole dollar through the Operation RoundUp program. Partial funding also comes from the North Carolina Electric Membership Corporation (NCEMC), located in Raleigh, NC. NCEMC consists of a family of corporations formed to support the state's 26 electric cooperatives.