Dear Governor McCrory:

Enclosed is the 2012 Biennial Report that was prepared by the North Carolina Rural Electrification Authority (NCREA). As you are aware, the NCREA operates under Chapter 117 of the North Carolina General Statutes and we are proud of the services that we provide and are confident that we make a difference to the cooperatives, their members and to the State of North Carolina. This report provides statistical data such as growth trends and revenues and important facts about the electric membership corporations (EMCs) and telephone membership corporations (TMCs) that operate in our great State and the report also provides a directory of key staff members for the cooperatives. Following are some of the responsibilities of our Agency:

- Assist consumers with obtaining access to adequate, dependable, and affordable electric and telephone service in the predominantly rural areas of North Carolina.
- Review and approve federal loan and grant requests from the EMCs and TMCs and from the North Carolina Electric Membership Corporation (NCEMC) and submit the approved loans to the appropriate United States Government funding agency. During 2011, the REA reviewed and approved six Rural Utility Service (RUS) loans and four Rural Economic Development Loans and Grants (REDLG) and the total amount of those loans was $118m. The money from these loans was used to implement new technologies and improve existing technologies which allows the cooperatives to deliver reliable power and provide capacity for future load growth. Some of the money was used for the construction of additional security lights, increase the capacity of service drops and transformers, provide member extensions to existing distribution lines allowing the provision of service to additional customers. The money from the loans was also used for upgrades to medical facilities and schools. These type improvements allow the cooperatives to contribute to economic growth and development throughout the communities they serve through the creation of new job opportunities and retention of existing jobs.
- Receive, investigate and resolve member complaints of the cooperatives.
- Responsible for arbitration proceedings between TMCs and other local providers when there are issues the parties are unable to resolve during the process of negotiating
interconnection agreements. For the arbitration process, the NCREA is responsible for the establishment of procedural schedules, receiving and reviewing testimony, comments, data requests and other filings, conducting hearings and rendering final decisions for these arbitrations.

- The Authority is responsible for receiving, reviewing and approving interconnection agreements and their amendments negotiated between the TMCs and other telecommunications providers.

Cooperatives take pride in serving the rural areas of the State and they do so by providing high quality, reliable, affordable and essential services to their customers. The cooperatives continually seek to improve the quality of lives in the communities they serve by contributing to the development of their rural communities through educational grant programs, scholarships and community sponsorships. There are continual changes to the electric and telecommunication industries both at the local and federal level which cause challenges and new opportunities for the cooperatives, and they embrace those challenges and strive to produce positive resolutions and good results for their companies and their members.

The thirty-one electric cooperatives provide service to over one million accounts, representing more than 2.5 million people across the State and they deliver energy to homes, farms, industries and businesses throughout 93 of North Carolina’s 100 counties. The eight telephone cooperatives serve approximately 140,000 residence and business landline accounts in the State and the members live and work in 26 of the State’s 100 counties. In addition to providing plain old telephone service (POTS) at competitive local rates, the telephone cooperatives also offer other services which include high speed internet, digital cable TV, wireless, business communications, home security and more which allows them to remain competitive in their serving areas.

The NCREA is appreciative of the support that is provided to our Agency by your office and the Authority thanks you and your Administration for your dedication to the people of North Carolina. If you or your Staff have questions regarding the enclosed biennial report, please do not hesitate to let me know.

Respectfully submitted,

Frances Liles
Administrator
North Carolina Rural Electrification Authority

Enclosure
CC: NCREA Board Members
The electric and telephone cooperatives are non-profit / non-regulated corporations. It is the responsibility of each cooperative’s board of directors to establish its bylaws, service rules and regulations. Since geographic coverage of electric service has been attained and all citizens desiring electric service have access to this utility, the Authority today focuses on the following objectives:

1. Ensure that customers in the predominantly rural areas of the state have access to adequate, dependable, and affordable electric and telephone service.

2. Oversee the application of the electric and telephone cooperatives rules and regulations to ensure they are administered according to the manner in which they are written.

3. Receive and investigate member complaints of the cooperatives.

4. Advise cooperatives regarding recommended changes in rules and regulations.

5. Act as an agent for any electric or telephone membership corporation formed under direction or permission of the North Carolina Rural Electrification Authority in securing loans or grants from any agency of the United States government.

6. Arbitrate interconnection agreement disputes between Telephone Membership Corporations (TMCs) and requesting telecommunications carriers as outlined in the arbitration process. The NCREA will establish procedural schedules, conduct hearings and is responsible for rendering the final decision for these arbitrations.

7. Receive, review and approve interconnection agreements and their amendments between the TMCs and other telecommunications providers.

Current Board and Staff

RURAL ELECTRIFICATION AUTHORITY
NORTH CAROLINA DEPARTMENT OF COMMERCE

4321 Mail Service Center
Raleigh, N.C. 27699-4321
Telephone: 919-733-7513

BOARD OF DIRECTORS

L. Calvin Duncan        Joseph G. Justice
Chairman        Vice-Chairman
1445 Mt. Olive Road       110 West Road
Clarkton, N.C. 28433       Hot Springs, N.C. 28743

J. Ronnie Alderman       Edith C. Cox
7907 Boykin Bridge Road    21890 NC 24/27
Clinton, N. C. 28328       Cameron, N.C. 28326

Buddy G. Creed       Frances Liles
202 Eldridge Street        Secretary
Dunn, N.C. 28334        4321 Mail Service Center
                      Raleigh, N.C. 28430

STAFF

Frances Liles        Angela Harrison
Administrator        Administrative Assistant
4321 Mail Service Center        4321 Mail Service Center
Raleigh, NC 27699        Raleigh, N.C. 27699

NOTE: Each Director is appointed
by the Governor
ELECTRIC
THE ELECTRIC MEMBERSHIP CORPORATIONS
Electric Industry Updates

Without question electricity is an integral part of life and its cost a significant driver in North Carolina’s economy. One such provider is North Carolina’s electric cooperatives. The electric cooperatives deliver energy to over 2.1 million consumers in 93 of 100 North Carolina counties and maintain more than 97,000 miles of power lines in the state’s rural areas. Today, there are thirty-one electric membership corporations (EMCs) serving the rural areas of North Carolina and the headquarters for five of these EMCs are located outside of North Carolina. The purpose of an electric cooperative is to provide affordable, safe and reliable electricity to their members/consumers. Electric cooperatives are owned by those they serve and provide power at cost unlike investor owned utilities that operate to maximize shareholder’s profits. Under the business model, an electric cooperative’s net margin above expenses and reserves does not belong to the utility; it belongs to the individual members of the cooperative. The margins must either be used to improve or maintain operations or be distributed to the cooperative’s members. Due to the sparsely populated areas that the electric cooperative serves, they usually have a higher average cost for service than investor-owned utilities. Approximately 99 percent of the electric cooperative customers are residential and small businesses and the cooperatives collectively employ more than 2,300 skilled people. Some of the responsibilities of the NCREA is to oversee quality of service, resolve consumer complaints and review and approve loan requests for the NC cooperatives.

Since their inception in the 1930’s, electric cooperatives are eligible for loans from the United States Department of Agriculture. The loans are designed to provide adequate financing for electric providers in underserved areas. Since 1977, the cooperatives in North Carolina have borrowed over $6 billion from the Rural Utilities Service (RUS) to extend and improve their existing distribution systems and/or provide rural economic development grants/loans in their respective service area. Reliability is imperative to serve residents and businesses to grow the economy and create jobs. The North Carolina electric cooperatives provide favorable financing to support economic development projects through a $20 million development fund and partnership with USDA Rural Development programs. The electric cooperatives have become economic engines to boost rural local economies and create jobs from new and expanding business and agricultural entities.

During the last few years, all electric companies have faced a volatile energy environment. Recent cost drivers include upgrading aging infrastructure including distribution, transmission and generation plant, installation of new technologies to improve efficiencies, and compliance with additional, more costly regulations. Yet, until recently, cooperatives throughout the State have been able to hold down rates, but recently they have been forced to pass increased cost to members by increasing the wholesale power cost adjustment portion of the bill and/or increasing electric rates. In order to assist our members with higher electric bills, the electric cooperatives are providing significant information and incentives to promote energy efficiency and encouraging members of electric cooperatives to commit to engaging in energy conservation efforts more than ever before. Most electric co-ops are distribution cooperatives that deliver electricity to the consumer through poles, wires and substations; some are generation and transmission cooperatives (G&Ts) that both generate and transmit electricity to meet the power needs of distribution cooperatives. According to surveys conducted in recent years, the cooperatives enjoy high levels of satisfaction among members by embracing a business model that aligns corporate interests with those of the member-owners. Cooperatives focus on
operating in the best interests of their members who are also their customers. To drive further efficiencies to mitigate costs, the North Carolina electric cooperatives work together to generate and buy electric power, acquire equipment, train staff, communicate with members, help each other after major power outages, participate in public policymaking and other activities. Cooperatives continually inspect equipment and make engineering adjustments to catch problems before they lead to blinks or outages.

The electric cooperatives lead the electric utility industry in their embrace of “smart grid” technologies, particularly in their investment in automated metering infrastructure (AMI). Today, many electric utilities can read meters from their offices without ever having to send employees to the premises. This reduces operating costs, and because electric cooperatives are not-for-profit, any money saved on day-to-day operations will ultimately be returned to the members. With today’s technology, the cooperatives can use sensors to monitor equipment and proactively repair or replace worn parts, improving reliability and reducing expenses by staving off potential power outages. A modern grid allows members access to their daily energy usage which makes consumers better informed about when to run heating and cooling systems or use major appliances in their home. Given the low member densities associated with serving electricity to most cooperative service areas, these investments have provided immediate impacts in the form of reduced meter reading costs, improved outage response and better power quality. Cooperatives currently poll AMI meters for billing purposes, ‘pin’ individual locations to verify the status of an outage, analyze data for power quality issues, and perform engineering simulations to plan maintenance procedures or determine if system upgrades are needed.

Prepay programs are proving to dramatically reduce member defaults but also are popular with financially fit members looking for more control of their energy costs. The prepay program allows a member to forego a deposit and buy as much electricity as they want in advance and they are notified when they need to buy more. According to several cooperatives who have embraced prepay, it has provided them with an avenue to mitigate some of the most difficult and painful interactions they have with members regarding payment arrangements, disconnect for nonpay and collections. Based on a recent survey, one cooperative reported they are seeing reductions in energy use of as much as 10% and that members are saving money.

In addition to providing reliable electric service, the cooperatives are involved in community development and revitalization projects, i.e. small business development, job creation and assistance in delivery of health care and educational services. As member-owned organizations, electric cooperatives have a built-in motivation to provide first-class service to each and every one of their members. Technology and information are driving the future and the cooperatives are determined to be in a position to deploy cost effective, member focused solutions that meet increasingly diverse energy needs.
KEY DATA AND ACTIVITIES TRACKED BY THE AUTHORITY

Number/Type of Inquiries, Growth Trends, Outage Activity and Loan Applications
## Member Inquiries to the Authority

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bad Debt Transfer</td>
<td>18</td>
<td>6</td>
<td>21</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Bankruptcy</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Charges</td>
<td>41</td>
<td>40</td>
<td>44</td>
<td>14</td>
<td>29</td>
</tr>
<tr>
<td>Delinquent Bill</td>
<td>4</td>
<td>6</td>
<td>0</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Deposit</td>
<td>22</td>
<td>39</td>
<td>28</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Disconnects</td>
<td>35</td>
<td>26</td>
<td>16</td>
<td>5</td>
<td>13</td>
</tr>
<tr>
<td>Estimated Bill</td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>High Bill</td>
<td>37</td>
<td>56</td>
<td>30</td>
<td>17</td>
<td>4</td>
</tr>
<tr>
<td>Insurance Claim</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Meter Tampering</td>
<td>8</td>
<td>9</td>
<td>3</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>25</td>
<td>17</td>
<td>22</td>
<td>5</td>
<td>18</td>
</tr>
<tr>
<td>Outages</td>
<td>4</td>
<td>6</td>
<td>11</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Payment Arrangements</td>
<td>71</td>
<td>74</td>
<td>95</td>
<td>39</td>
<td>50</td>
</tr>
<tr>
<td>Right of Way</td>
<td>15</td>
<td>17</td>
<td>7</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Security Light</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Service</td>
<td>10</td>
<td>8</td>
<td>11</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>Voltage</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Tree Trimming</td>
<td>9</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>318</strong></td>
<td><strong>316</strong></td>
<td><strong>308</strong></td>
<td><strong>143</strong></td>
<td><strong>154</strong></td>
</tr>
</tbody>
</table>

Numbers are listed by fiscal year (July 1st – June 30th)
As the chart above illustrates, the thirty-one EMC’s serving the rural areas of North Carolina continue to experience consistent and steady growth. In fact, the number of active meters has increased yearly from 2006 to 2011 as reflected on this chart. In as much, the amount of electricity delivered by the State’s electric cooperatives has grown by an annual average of 2.4 percent during the past ten years. As of December 31, 2011 the cooperatives were serving in excess of 1.0 million active meters which represents an increase of 6% since 2006.
# INDIVIDUAL COOPERATIVE GROWTH TRENDS

<table>
<thead>
<tr>
<th>CORPORATION</th>
<th>CONSUMERS ON RURAL LINES</th>
<th>CONSUMERS ON RURAL LINES</th>
<th>CONSUMERS ON RURAL LINES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2009</td>
<td>2010</td>
<td>2011</td>
</tr>
<tr>
<td>ALBEMARLE</td>
<td>12,364</td>
<td>12,424</td>
<td>12,411</td>
</tr>
<tr>
<td>BLUE RIDGE MTN.*</td>
<td>16,843</td>
<td>14,032</td>
<td>16,997</td>
</tr>
<tr>
<td>BLUE RIDGE</td>
<td>73,682</td>
<td>73,803</td>
<td>73,871</td>
</tr>
<tr>
<td>BROAD RIVER*</td>
<td>398</td>
<td>404</td>
<td>403</td>
</tr>
<tr>
<td>BRUNSWICK</td>
<td>81,581</td>
<td>82,323</td>
<td>82,970</td>
</tr>
<tr>
<td>CAPE HATTERAS</td>
<td>7,426</td>
<td>7,484</td>
<td>7,443</td>
</tr>
<tr>
<td>CARTERET-CRAVEN</td>
<td>38,524</td>
<td>38,765</td>
<td>38,664</td>
</tr>
<tr>
<td>CENTRAL</td>
<td>20,026</td>
<td>20,454</td>
<td>20,828</td>
</tr>
<tr>
<td>EDGECOMBE-MARTIN</td>
<td>11,758</td>
<td>11,733</td>
<td>11,674</td>
</tr>
<tr>
<td>ENERGYUNITED</td>
<td>120,869</td>
<td>121,365</td>
<td>121,526</td>
</tr>
<tr>
<td>FOUR COUNTY</td>
<td>32,542</td>
<td>32,241</td>
<td>32,222</td>
</tr>
<tr>
<td>FRENCH BROAD</td>
<td>36,633</td>
<td>36,783</td>
<td>36,889</td>
</tr>
<tr>
<td>HALIFAX</td>
<td>11,725</td>
<td>11,684</td>
<td>11,692</td>
</tr>
<tr>
<td>HAYWOOD</td>
<td>25,928</td>
<td>25,933</td>
<td>25,998</td>
</tr>
<tr>
<td>JONES-ONSLOW</td>
<td>61,580</td>
<td>63,692</td>
<td>66,117</td>
</tr>
<tr>
<td>LUMBEE RIVER</td>
<td>54,040</td>
<td>55,440</td>
<td>56,068</td>
</tr>
<tr>
<td>MECKLEBURG*</td>
<td>124</td>
<td>124</td>
<td>126</td>
</tr>
<tr>
<td>MOUNTAIN ELECTRIC*</td>
<td>18,253</td>
<td>18,272</td>
<td>18,335</td>
</tr>
<tr>
<td>PEE DEE</td>
<td>20,761</td>
<td>20,706</td>
<td>20,692</td>
</tr>
<tr>
<td>PIEDMONT</td>
<td>31,002</td>
<td>31,051</td>
<td>30,931</td>
</tr>
<tr>
<td>PITT &amp; GREENE</td>
<td>8,605</td>
<td>8,638</td>
<td>8,634</td>
</tr>
<tr>
<td>RANDOLPH</td>
<td>31,373</td>
<td>31,381</td>
<td>32,021</td>
</tr>
<tr>
<td>ROANOKE</td>
<td>14,552</td>
<td>14,627</td>
<td>14,565</td>
</tr>
<tr>
<td>RUTHERFORD</td>
<td>67,036</td>
<td>67,303</td>
<td>67,296</td>
</tr>
<tr>
<td>SOUTH RIVER</td>
<td>41,223</td>
<td>41,647</td>
<td>41,849</td>
</tr>
<tr>
<td>SURRY-YADKIN</td>
<td>28,235</td>
<td>28,370</td>
<td>28,120</td>
</tr>
<tr>
<td>TIDELAND</td>
<td>23,051</td>
<td>23,161</td>
<td>23,255</td>
</tr>
<tr>
<td>TRI-COUNTY</td>
<td>23,527</td>
<td>23,660</td>
<td>24,041</td>
</tr>
<tr>
<td>TRI-STATE*</td>
<td>1,207</td>
<td>1,262</td>
<td>1,224</td>
</tr>
<tr>
<td>UNION</td>
<td>65,199</td>
<td>65,826</td>
<td>67,613</td>
</tr>
<tr>
<td>WAKE</td>
<td>34,139</td>
<td>34,759</td>
<td>35,399</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,014,206</strong></td>
<td><strong>1,019,347</strong></td>
<td><strong>1,029,874</strong></td>
</tr>
</tbody>
</table>

*Corporations Headquartered Outside North Carolina
## EMC Service Interruptions 2011

### Average Minutes per Customer by Cause

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Extreme Storm</th>
<th>Pre-Arranged</th>
<th>All Others</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORPORATION</strong></td>
<td><strong>Year 2011</strong></td>
<td><strong>5 year</strong></td>
<td><strong>Year 2011</strong></td>
<td><strong>5 year</strong></td>
</tr>
<tr>
<td>Albemarle EMC</td>
<td>26.520</td>
<td>115.370</td>
<td>1,168.740</td>
<td>233.750</td>
</tr>
<tr>
<td>Brunswick EMC</td>
<td>0.00</td>
<td>100.00</td>
<td>96.608</td>
<td>84.833</td>
</tr>
<tr>
<td>Cape Hatteras EMC</td>
<td>0.00</td>
<td>161.010</td>
<td>5,010.320</td>
<td>1,002.070</td>
</tr>
<tr>
<td>Carteret-Craven EMC</td>
<td>64.800</td>
<td>60.240</td>
<td>1,620.600</td>
<td>325.320</td>
</tr>
<tr>
<td>Central EMC</td>
<td>370.207</td>
<td>36.567</td>
<td>0.00</td>
<td>64.980</td>
</tr>
<tr>
<td>Edgecombe-Martin</td>
<td>9.980</td>
<td>0.00</td>
<td>2,806.000</td>
<td>8.940</td>
</tr>
<tr>
<td>EnergyUnited</td>
<td>26.180</td>
<td>22.520</td>
<td>171.890</td>
<td>76.750</td>
</tr>
<tr>
<td>Four County EMC</td>
<td>46.200</td>
<td>10.800</td>
<td>333.000</td>
<td>85.800</td>
</tr>
<tr>
<td>French Broad EMC</td>
<td>3.780</td>
<td>4.140</td>
<td>43.020</td>
<td>68.520</td>
</tr>
<tr>
<td>Halifax EMC</td>
<td>4.900</td>
<td>8.409</td>
<td>187.700</td>
<td>89.500</td>
</tr>
<tr>
<td>Haywood EMC</td>
<td>139.734</td>
<td>39.786</td>
<td>201.048</td>
<td>362.180</td>
</tr>
<tr>
<td>Jones-Onslow EMC</td>
<td>326.510</td>
<td>98.700</td>
<td>631.070</td>
<td>168.610</td>
</tr>
<tr>
<td>Lumbee River EMC</td>
<td>4.900</td>
<td>8.409</td>
<td>187.700</td>
<td>89.500</td>
</tr>
<tr>
<td>Pee Dee EMC</td>
<td>53.800</td>
<td>17.861</td>
<td>43.020</td>
<td>68.520</td>
</tr>
<tr>
<td>Piedmont EMC</td>
<td>121.200</td>
<td>41.621</td>
<td>4.800</td>
<td>23.130</td>
</tr>
<tr>
<td>Pitt &amp; Greene EMC</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Randolph EMC</td>
<td>46.000</td>
<td>2.470</td>
<td>34.870</td>
<td>55.610</td>
</tr>
<tr>
<td>Roanoke EMC</td>
<td>20.365</td>
<td>5.854</td>
<td>869.373</td>
<td>1.00</td>
</tr>
<tr>
<td>Rutherford EMC</td>
<td>31.740</td>
<td>28.480</td>
<td>42.600</td>
<td>51.070</td>
</tr>
<tr>
<td>South-River EMC</td>
<td>6.000</td>
<td>16.184</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Surry-Yadkin EMC</td>
<td>25.500</td>
<td>19.500</td>
<td>70.300</td>
<td>177.00</td>
</tr>
<tr>
<td>Tideland EMC</td>
<td>33.558</td>
<td>21.420</td>
<td>4,820.990</td>
<td>1.050.00</td>
</tr>
<tr>
<td>Tri-county EMC</td>
<td>196.930</td>
<td>113.530</td>
<td>1058.180</td>
<td>211.640</td>
</tr>
<tr>
<td>Union EMC</td>
<td>0.00</td>
<td>0.00</td>
<td>68.670</td>
<td>18.830</td>
</tr>
<tr>
<td>Wake EMC</td>
<td>33.00</td>
<td>16.200</td>
<td>151.60</td>
<td>31.50</td>
</tr>
<tr>
<td>Blue Ridge Mtn. EMC*</td>
<td>1.200</td>
<td>6.920</td>
<td>210.00</td>
<td>59.740</td>
</tr>
<tr>
<td>Broad River EMC*</td>
<td>37.200</td>
<td>68.400</td>
<td>0.00</td>
<td>787.20</td>
</tr>
<tr>
<td>Mountain Electric EMC*</td>
<td>0.00</td>
<td>1.080</td>
<td>0.00</td>
<td>229.700</td>
</tr>
<tr>
<td>Tri-state EMC*</td>
<td>92.030</td>
<td>18.410</td>
<td>34.220</td>
<td>17.000</td>
</tr>
</tbody>
</table>

* Foreign Corporations domesticated in NC
## RUS Loans by Fiscal Year

**July 1 - June 30**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ALBERMARLE EMC</td>
<td>$10,000,000</td>
<td>$11,500,000</td>
<td>$12,000,000</td>
<td>$12,000,000</td>
<td>$54,296,736</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLUE RIDGE EMC</td>
<td>$55,000,000</td>
<td>$60,000,000</td>
<td></td>
<td></td>
<td>$25,000,000</td>
<td>$265,948,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRUNSWICK EMC</td>
<td></td>
<td>16,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$221,525,375</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAPE HATTERAS EMC</td>
<td>$57,100,000</td>
<td>$11,000,000</td>
<td></td>
<td></td>
<td>$9,792,000</td>
<td>$45,695,532</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CARTERET-CRAVEN EMC</td>
<td></td>
<td>15,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$85,128,750</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CENTRAL EMC</td>
<td>$16,000,000</td>
<td>$7,500,000</td>
<td></td>
<td></td>
<td>$22,000,000</td>
<td>$66,158,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRESCENT EMC*</td>
<td>$7,000,000</td>
<td>$12,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$41,301,005</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDGECOMBE-MARTIN EMC</td>
<td>$12,000,000</td>
<td>$46,550,000</td>
<td></td>
<td></td>
<td></td>
<td>$465,382</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENERGYUNITED EMC</td>
<td></td>
<td>69,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$279,844,951</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DAVIDSON EMC*</td>
<td>$40,676,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$43,491,421</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOUR COUNTY EMC</td>
<td>$20,000,000</td>
<td>45,000,000</td>
<td>$20,000,000</td>
<td></td>
<td></td>
<td>$152,827,007</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRENCH-BROAD EMC</td>
<td>$17,000,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$48,828,292</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HALIFAX EMC</td>
<td>$12,000,000</td>
<td>6,500,000</td>
<td></td>
<td></td>
<td></td>
<td>$47,594,935</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HARKERS ISLAND EMC</td>
<td></td>
<td>$24,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$591,041</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAYWOOD EMC</td>
<td>$23,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$25,000,000</td>
<td>$99,850,473</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JONES-ONSLOW EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$34,415,375</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LUMBEE RIVER EMC</td>
<td>$35,000,000</td>
<td>50,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$169,535,330</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N. C. ELECTRIC MEMBERSHIP</td>
<td>$42,000,000</td>
<td>204,763,000</td>
<td></td>
<td></td>
<td>$34,293,000</td>
<td>$3,186,779,391</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PEE DEE EMC</td>
<td>$95,000,000</td>
<td>$12,000,000</td>
<td>$30,000,000</td>
<td>$11,000,000</td>
<td></td>
<td>$71,160,588</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIEDMONT EMC</td>
<td>$26,000,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$83,614,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PITTS &amp; GREENE EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$7,865,182</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RANDOLPH EMC</td>
<td>$27,000,000</td>
<td>25,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$109,825,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROANOKE EMC</td>
<td>$21,000,000</td>
<td></td>
<td></td>
<td>$16,820,000</td>
<td></td>
<td>$62,642,317</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RUTHERFORD EMC</td>
<td></td>
<td>$16,000,000</td>
<td></td>
<td></td>
<td></td>
<td>$194,055,737</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOUTH-RIVER EMC</td>
<td>$14,000,000</td>
<td>$25,000,000</td>
<td>$20,000,000</td>
<td>$22,000,000</td>
<td></td>
<td>$110,125,625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SURRY-YADkin EMC</td>
<td>$25,000,000</td>
<td></td>
<td></td>
<td>$20,000,000</td>
<td></td>
<td>$80,513,183</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TIDELAND EMC</td>
<td>$16,000,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$62,137,224</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRI-COUNTY EMC</td>
<td>$125,000,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$46,175,938</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNION EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$20,000,000</td>
<td>$209,600,454</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAKE EMC</td>
<td>$46,000,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$31,564,905</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLUE RIDGE MTN. EMC**</td>
<td>$58,269,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$134,195,955</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BROAD RIVER EMC**</td>
<td>$19,978,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MECKLENBURG EMC**</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOUNTAIN ELECTRIC EMC**</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRI-STATE EMC**</td>
<td>$1,027,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$1,027,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Yearly Total</strong></td>
<td>$158,000,000</td>
<td>$288,754,000</td>
<td>$253,000,000</td>
<td>$247,000,000</td>
<td>$93,289,000</td>
<td>$442,263,000</td>
<td>$54,000,000</td>
<td>$152,905,000</td>
<td>$6,084,996,534</td>
</tr>
</tbody>
</table>

**Corporations Headquartered Outside of NC**

Note: The above spreadsheet displays yearly activity for 2001 - 2012. The last column displays total loan amounts by each Corporation since 1977.
# REDLG LOANS AND GRANTS

## RURAL ECONOMIC DEVELOPMENT LOANS AND GRANTS

**JULY 1-JUNE 30**

<table>
<thead>
<tr>
<th>Cooperative Name</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Year</th>
<th>Cooperative Total (since inception)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALBERMARLE EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>BLUE RIDGE EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>BRUNSWICK EMC</td>
<td></td>
<td></td>
<td>$1,740,000</td>
<td></td>
<td>$2,140,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAPE HATTERAS EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
<td>$450,000</td>
<td></td>
</tr>
<tr>
<td>CARTERET-CRAVEN EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$450,000</td>
<td></td>
</tr>
<tr>
<td>CENTRAL EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$800,000</td>
<td></td>
<td>$1,000,000</td>
<td></td>
</tr>
<tr>
<td>EDGECOMBE-MARTIN EMC</td>
<td>$300,000</td>
<td>$700,000</td>
<td>$1,000,000</td>
<td></td>
<td></td>
<td>$3,790,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENERGYUNITED</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$1,310,000</td>
</tr>
<tr>
<td>FOUR COUNTY EMC</td>
<td></td>
<td></td>
<td>$300,000</td>
<td></td>
<td>$300,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRENCH BROAD EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>HALIFAX EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>HARKERS ISLAND EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$200,000</td>
<td></td>
</tr>
<tr>
<td>HAYWOOD EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>JONES-ONSLOW EMC</td>
<td>$200,000</td>
<td>$200,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$600,000</td>
<td></td>
</tr>
<tr>
<td>LUMBEE RIVER EMC</td>
<td>$1,600,000</td>
<td>$1,440,000</td>
<td>$740,000</td>
<td>$740,000</td>
<td>$750,000</td>
<td>$250,000</td>
<td>$9,419,900</td>
<td></td>
</tr>
<tr>
<td>PEE DEE EMC</td>
<td>$0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIEDMONT EMC</td>
<td>$0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PITT &amp; GREENE EMC</td>
<td>$0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RANDOLPH EMC</td>
<td>$412,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROANOKE EMC</td>
<td>$400,000</td>
<td>$350,000</td>
<td>$740,000</td>
<td></td>
<td></td>
<td></td>
<td>$3,695,000</td>
<td></td>
</tr>
<tr>
<td>RUTHERFORD EMC</td>
<td>$0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOUTH-RIVER EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$493,500</td>
</tr>
<tr>
<td>SURRY-YADKIN EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>TIDELELAND EMC</td>
<td>$100,000</td>
<td>$1,040,000</td>
<td>$1,040,000</td>
<td></td>
<td></td>
<td></td>
<td>$2,180,000</td>
<td></td>
</tr>
<tr>
<td>TRI-COUNTY EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>UNION EMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>WAKE EMC</td>
<td>$330,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL** $2,200,000 $1,640,000 $1,252,000 $2,430,000 $1,790,000 $740,000 $0 $3,790,000 $23,530,400
## Rural Assistance Grant – Rural Energy for America Program

<table>
<thead>
<tr>
<th>Cooperative Name</th>
<th>Amount of Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brunswick EMC</td>
<td>$46,497</td>
</tr>
</tbody>
</table>

## Smart Grid Demonstration Grant

<table>
<thead>
<tr>
<th>Cooperative Name</th>
<th>Amount of Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>EnergyUnited EMC</td>
<td>$43,814,166</td>
</tr>
</tbody>
</table>

## Broadband Initiatives Program Stimulus Grant

<table>
<thead>
<tr>
<th>Cooperative Name</th>
<th>Amount of Loan/Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic TMC</td>
<td>$4,801,027 (loan) $11,202,391 (grant)</td>
</tr>
<tr>
<td>Skyline TMC</td>
<td>$8,695,588 (loan) $20,289,705 (grant)</td>
</tr>
<tr>
<td>Surry TMC</td>
<td>$2,373,354 (loan) $5,529,494 (grant)</td>
</tr>
<tr>
<td>Tri County TMC</td>
<td>$3,536,805 (loan) $10,610,400 (grant)</td>
</tr>
<tr>
<td>Wilkes TMC</td>
<td>$6,483,300 (loan) $15,750,500 (grant)</td>
</tr>
</tbody>
</table>
RURAL UTILITIES SERVICE

An Agency of the US Department of Agriculture
Providing Loans for Electric Infrastructure
Purpose of Rural Utilities Service

Providing reliable, affordable electricity is essential to the economic well-being and quality of life for all of the nation's rural residents. The Electric Programs of USDA’s Rural Utilities Service (RUS) provide leadership and capital to upgrade, expand, maintain, and replace America's vast rural electric infrastructure. Under the authority of the Rural Electrification Act of 1936, the Electric Programs make direct loans and loan guarantees to electric utilities to serve customers in rural areas.

The loans and loan guarantees finance the construction of electric distribution, transmission, and generation facilities, including system improvements and replacement required to furnish and improve electric service in rural areas, as well as demand side management, energy conservation programs, and on-grid and off-grid renewable energy systems. Loans are made to corporations, states, territories and subdivisions and agencies such as municipalities, people's utility districts, and cooperative, nonprofit, limited-dividend, or mutual associations that provide retail electric service needs to rural areas or supply the power needs of distribution borrowers in rural areas.

Through the Electric Programs, the Federal government is the majority note-holder for approximately 700 electric systems borrowers in 46 states. The Electric Programs also provide financial assistance to rural communities with extremely high energy costs to acquire, construct, extend, upgrade, and otherwise improve energy generation, transmission, or distribution facilities.

Any North Carolina electric cooperative desiring to secure a grant or loan from any agency of the United States Government must apply through the North Carolina Rural Electrification Authority, not directly to the United States agency. The NCREA alone shall have the authority to make applications for grants and loans to any of these cooperatives. Since 1977, these electric cooperatives combined have borrowed over $5.9 billion from the Rural Utilities Service to extend and improve their existing distribution systems and/or provide rural economic development grants / loans in their respective service areas.
Administration and Staff

Rural Utilities Service

U.S. Department of Agriculture
1400 Independence Avenue, SW
Washington, D.C. 20250-1500

Jon Padalino
Acting Administrator
Telephone: 202-720-9540

Nivin Elghohary
Asst. Administrator-Electric
Telephone: 202-720-9547

James Elliott
Acting Deputy Asst. - Electric
Telephone: 202-720-9545

SOUTHERN REGIONAL DIVISION-ELECTRIC

Annie Holloway-Jones
Director
Telephone: 202-720-0848

Prashant V. Patel
Chief, Operations Branch
Telephone: 202-720-1932

Victor T. Vu, Director
Power Supply Division
Telephone: 202-720-6436

Mark Bartholomew
Acting Deputy Director
Telephone: 202-720-0848

Charles Philpott
Acting Chief, Engineering Branch
Telephone: (202) 720-1432

FIELD REPRESENTATIVE

Mark Bartholomew
General Field Representative
P.O. Box 49163
Charlotte, N.C. 28277-0074
Telephone: 704-544-4612

Richelle Richardson
General Field Representative
P.O. Box 451
Spotsylvania, VA 22553
Telephone: 540-582-2035

OFFICE OF THE GENERAL COUNSEL

Terence M. Brady
Asst. General Counsel
for Rural Utilities
Telephone: 202-720-2764
ELECTRIC MEMBERSHIP CORPORATIONS

A Look at Each Individual Cooperative
Electric Membership Corporations

Albemarle Electric Membership Corporation

Mailing Address
PO Box 69
Hertford, NC 27944

Phone     Fax
(252) 426-5735   (252) 426-8270
(800) 215-9915

Key Staff
Gary Ray, Executive Vice-President & General Manager
L.A. Harris Jr., President
Glenn Parks, Manager of Operations
Jonetta W. Long, Manager of Corporate Services
Zach Bray, Manager of Technical Services
Chris Powell, Director of Public Relations

Annual Meeting:  September or October

Active Meters:  12,500

Counties Served:  Chowan, Perquimans, Pasquotank, Camden, Currituck

Current and Future Plans

In June of 2001, Albemarle EMC completed a building addition and renovation project. This was the first major renovation since the current office facility was constructed in the 1960s. The cooperative is currently in the process of constructing a new office facility to serve the needs of the cooperative for many years to come. Located down the road from the existing headquarters, the new office plans to open by early summer 2011.

The necessity for a system engineer was realized and this department was added in 2000. Albemarle EMC recently energized its first 115 kV transmission line. Design and right-of-way permissions have started for the construction of a second 115 kV transmission line that will serve the new South Mills Substation. These improvements are being made to meet the load growth in its service area. With the widening of Highway 17 bypass to Virginia and the attraction of waterfront property to retirees, Albemarle EMC has seen an increase in members on the northern end of the cooperative’s electrical system. The cooperative continues to monitor industry trends such as smart grid, electric vehicles, climate change, distributed generation, and more.
Blue Ridge Electric Membership Corporation

Mailing Address
P. O. Box 112
Lenoir, N.C. 28645

Phone Fax
(828) 758-2383 (828) 754-9671
(800) 451-5474

Key Staff
Douglas W. Johnson, Chief Executive Officer
Kenneth R. Greene, President
Lee Layton, Senior Vice President/Chief Operating Officer
Julie O’Dell-Michie, Senior Vice President/Chief Administrative Officer
Brad Shields, Senior Vice President/Chief Technology Officer
Katie Woodle, Senior Vice President/Chief Financial Officer

Annual Meeting: Second Thursday in June

Active Meters: 73,617

Counties Served: Avery, Watauga, Ashe, Alleghany, Wilkes, Caldwell, Alexander

Current and Future Plans

In 2012, Blue Ridge Electric was awarded the NRECA CRN Smart Grid Demonstration Project and is in the process of deploying Aclara's Consumer Engagement as well as Meter Data Management.

Blue Ridge Electric became the first cooperative ever to be awarded the international Palladium Group's Balanced Scorecard Hall of Fame award for achieving breakthrough performance results based on strategy execution expertise. Blue Ridge was one of only 12 to receive the 2012 award, which was presented in October at Palladium's Annual Global Summit in Boston.

The Blue Ridge Electric Members Foundation awarded more than $84,000 in local grants to community not-for-profit organizations that help improve the quality of life in the service area of the cooperative. Also in 2012, the Foundation provided crisis heating assistance to more than 1,000 families. Foundation funding comes from members voluntarily rounding up their bills through the cooperative's Operation Round Up programs and through an annual contribution from the profits of the cooperative's heating fuels subsidiary, Blue Ridge Energies.

In the spring of 2012, Blue Ridge Electric returned $2 million in capital credits to members that had been approved earlier in the year by the cooperative's Board of Directors.
Brunswick Electric Membership Corporation

Mailing Address
P.O. Box 826
Shallotte, NC  28459

Website:  www.bemc.org

Phone:    Fax:
910-754-4391    910-755-4299
800-842-5871

Key Staff
Robert W. “Chip” Leavitt, Jr, CEO
Hubert Brittain, President of the Board of Directors
Judy Gore, Vice President, Customer Service
Don Hughes, Vice President, Operations

Active Meters:  83,681

Counties Served:  Brunswick, Columbus, Bladen and Robeson

Current and Future Plans

BEMC’s prepaid program continues to grow.  As of 2012, 8,113 prepaid accounts represent nearly 10% of the co-op’s active meters.  A major benefit of the prepaid program is the increased energy efficiency of users as they become better educated consumers as a result of the ability to monitor their power usage and energy budget.  BEMC was among the first in the nation to offer prepaid power as an option for its member, and serves as a resource for others interested in implementing a similar program.

The co-op’s Weatherization Loan program has provided over $9.2 million dollars in loans to members for energy efficiency improvements to existing homes since inception in 1989, with no loan defaults.  In 2011, a commercial loan program was added for energy efficiency improvements and renewable energy projects for small businesses and churches.  In addition to the co-op’s $600,000 per year commitment, we have supplemented the program with an additional $1,740,000 in Rural Economic Development (REDLG) Loans.  As a result, in 2012 alone we have made about 273 loans totaling nearly $1.4 million.  The monthly energy savings are often enough to cover the loan payment and the member’s savings continue for the life of the energy efficiency improvement, which may be 10-20 years or more.

BEMC provides a steady stream of energy efficiency information to its members in all forms of communication, and has distributed more than 29,000 free CFL bulbs to members.

The co-op continues to build its renewable energy portfolio.  In 2011, BEMC added a solar installation at its new warehouse, bringing the total to 16 residential and 2 commercial
installations, generating a total of 18,000 kWh per month. Through GreenCo Solutions Inc, a statewide organization, the co-op also participates in other renewable energy projects.

With relatively mild severe weather activity in the co-op’s service area over the past couple of years, BEMC has accelerated its ongoing maintenance program and also has been available to assist other co-ops when called upon for power restoration efforts. System reliability continues to exceed 99.9%. This is recognized by co-op members in our monthly Customer Satisfaction surveys as they have scored BEMC more than 9 out of 10 points consistently since 2005.

BEMC continues to steadily improve its ACSI Customer Satisfaction scores. In 2013, the co-op plans significant enhancement of its communications program by utilizing Carolina Country magazine in addition to its own newsletters.

The co-op will complete a 3-year facilities improvement project at the Shallotte headquarters in 2013.
Cape Hatteras Electric Cooperative

Mailing Address
47109 Light Plant Rd
PO Box 9
Buxton, NC 27920

www.chec.coop

Phone
252-995-5616    Fax 252-995-4088

Key Staff
Susan E. Flythe, Executive Vice President & General Manager
Vicky Fitzgerald, Manager, Finance & Administration
George Price, Manager, Engineering & Operations
Richard Midgett, President

Annual Meeting:  May

Active Meters:  7,503

County Served:  Dare

Current and Future Plans

Cape Hatteras Electric Cooperative (CHEC) is headquartered in Buxton, North Carolina. The Cooperative serves 7,500 meters on Hatteras Island located in Dare County. CHEC’s membership is 85% residential and 15% commercial.

CHEC purchases power from North Carolina Electric Membership Corporation (NCEMC). CHEC takes delivery north of the Bonner Bridge at Oregon Inlet and is fed from Dominion North Carolina Power. CHEC delivers the power south across the Bonner Bridge via 43 miles of 115kV transmission lines. CHEC owns and maintains a 115kV step-down substation in Buxton, with 10.1 miles of 34.5kV from Buxton to Hatteras Village. In total, CHEC owns and maintains 341 miles of line. CHEC also wheels power for Tideland EMC to serve Ocracoke Island which is south of Hatteras Island and in Hyde County. CHEC operates in an extreme coastal environment with wind, salt and flooding constantly threatening the electric system’s reliability. These factors require more frequent maintenance and replacement of materials on its system.

A major concern for CHEC is delivery of power via 115kV transmission cables attached to the Bonner Bridge. The Bonner Bridge was built in 1963 with an intended life of 30 years. When CHEC placed the most recent cables on the bridge in 1995, it was anticipated that the bridge and, therefore, the cables would be replaced in 5 – 10 years. However, legal wrangling by environmental groups has delayed the Bonner Bridge replacement far beyond the life expectancy of the bridge and the cable.
North Carolina Department of Transportation awarded a contract for the bridge’s replacement in June 2011. Construction is expected to start in mid 2013, with the new bridge set to open to traffic at the 2015. If this process is further delayed by lawsuits, then CHEC will be forced to evaluate alternative and likely more costly ways to deliver electric service to Hatteras and Ocracoke Islands.
Carteret-Craven Electric Cooperative

Mailing Address
PO Box 1490
Newport, NC 28570

Phone                     Fax
(252) 247-3107            (252) 247-0235
(800) 682-2217

Key Staff
Craig A. Conrad, Chief Executive Officer & General Manager
Thom Styron, President, Board of Directors
Jerry Eborn, Vice President of Finance & Accounting
Sarah Grider, Vice President of Support Services
Peggy Horrell, Vice President of Human Resources
Jake Joplin, Vice President of Engineering & Operations
Cheryl Slater, Vice President of Customer Service
Gary A. Zajac, Vice President of Marketing & External Affairs

Annual Meeting: First Thursday in May

Active Meters: 38,864

Counties Served: Carteret, Craven, Jones, Onslow

Overview

Founded Aug. 2, 1940, by 444 of the area’s fishermen and farmers, Carteret-Craven Electric Cooperative (CCEC) is headquartered in the coastal eastern North Carolina town of Newport and provides power to a variety of consumers, from families who have lived in the area for generations to retirees; from troops and their families at two nearby military bases to summer visitors who enjoy vacationing in the area.

Current & Future Plans

As part of its commitment to comply with the NC Renewable Energy and Energy Efficiency Portfolio Standard (REPS), the cooperative started providing efficiency measures to its members by selling water heater efficiency kits, promoting purchase of Energy Star appliances, installed a solar PV demonstration project at the NC Aquarium, providing a Web link so individuals can view the actual production of the system. Additionally we gave compact fluorescent light bulbs to area schools to be used as a fund-raising project and as a means to get these lights into the hands of consumers. More recently, we implemented a refrigerator/freezer recycling program.

CCEC continues to foster its relationship with a “sister cooperative” in Costa Rica through the in the Rural Electric Cooperative Association’s International Sister Cooperative Program, and most recently sent a retired bucket truck to its sister organization, Cooperativa Electrica de los Santos.
CCEC members elect board members by mail-in balloting, and the results are announced at the annual meeting, which is held the first Thursday in May. The Board of Directors is comprised of 9 members serving staggered, three-year terms.
Central Electric Membership Corporation

Mailing Address  
P O Box 1107  
Sanford, NC  27331

Physical Address  
128 Wilson Road  
Sanford, NC  27332

Key Staff:
Morris McClelion, Manager & CEO
Rebecca Cogan, President, Board of Directors
Doug Rowles, CFO
Wes Davis, System Engineer
Mike Adcock, Manager of Operations and Field Engineering
Diane Dowd, Manager of Customer Service
Dal Langston, Manager Admin Services
Nancy Gust, Director Marketing and Member Services

Annual Meeting:  First Friday in October

Active Meters:  20,201

Counties Served:  Chatham, Moore, Lee, Harnett

Current and Future Plans

Central along with other electric cooperatives announced the creation of a not-for-profit company GreenCo Solutions, Inc., to focus on energy efficiency initiatives and renewable resources. By working together, we can provide high quality programs that will benefit our residential and commercial consumers at the lowest possible cost. The new company will also provide compliance reporting and tracking for member cooperatives related to Renewable Energy Portfolio Standards (REPS) established by Senate Bill 3, enacted by the NC General Assembly in 2007. The bill mandates that NC-based electric utilities must purchase or generate a specific amount of renewable energy or reduce electricity use through energy efficiency improvements. In 2009 Central emphasized empowering its members to have even more control in managing their energy use. Central Electric’s commitment was reflected in the programs and service available during 2009 and continuing into the future. These programs included the continuation of the electric water heater blanket kit program and the compact fluorescent light (CFL) credit program which began in late 2008. Both programs provide consumers opportunities to control their energy use for lighting and water heating.

A website supported by the Cooperative provides additional tools for making the most of the electricity you buy. TogetherWeSave.com, an interactive website, allows members to see how specific home improvements –such as insulation and energy-efficient appliances –impact energy use. On the Cooperative’s website, www.centralsolutions.com “Energy Info” details the programs and services offered by Central Electric. Members are encouraged to take advantage of both of these sites.
Another program offered by the Cooperative allows qualified member-consumers of Central Electric to pay for their electricity through the Cooperative’s “FlexPay” Plan. This program allows participating consumers to monitor their power use and buy electricity on an as-needed basis. An additional benefit of FlexPay is that by monitoring electricity use, members can pinpoint the effects of weather conditions and specific use patterns on their bills.

The Cooperative also began a partnership with the national ENERGY STAR® program, which offers rebates to consumers and contractors who build homes to higher efficiency standards. In addition, Central Electric provides rebates to members who choose energy-efficient water heaters and heat pumps that meet specific ratings.

The Cooperative continues to offer energy audits for members with concerns about high bills as well as energy conservation workshops to educate members. We continue to help members finance energy efficient heat pumps, insulation, and storm windows and doors with low-interest loans.

These are just a few examples of Central EMC looking out for our members by providing ways to manage their energy costs while fulfilling our commitment to a cleaner environment.
Edgecombe-Martin County Electric Membership Corporation

Mailing Address
P. O. Drawer 188
Tarboro, N.C. 27886

Phone Fax
(252) 823-2171 (252) 823-4535
(800) 445-6486

Key Staff
Bob McDuffie, Chief Executive Officer
Winston Howell, Chief Operating Officer
Melinda Nimmo, Vice President of Finance
Eddie Stocks, Vice President of Member & Industrial Development
Rodney Bradley, Vice President of Operations
Mike Johnson, Technical Services Coordinator
Lisa Tolson, Vice President of Human Resources

Annual Meeting: Third Saturday in March

Active Meters – 11,578

Counties Served: Nash, Wilson, Halifax, Edgecombe, Pitt, Martin, Beaufort, Bertie

Current and Future Plans

Edgecombe-Martin County EMC provides an extensive program in helping the communities and citizens within its service territory by providing several ongoing programs such as the Summer Fan Relief, Edgecombe County Alzheimer’s Walk, Annual EMC 4-H Golf Tournament, The Youth Tour, the Cooperative Leadership Camp and Conference, Black History Month, Customer Appreciation Day, Children’s Miracle Network, Annual Donations for Rural Volunteer Fire Departments, Relay for Life, and Bright Ideas.

Edgecombe-Martin County EMC along with several other electric cooperatives in North Carolina are now members of GreenCo Solutions, an organization that was founded by 23 electric cooperatives after 2007 state legislation that mandates electric utilities in North Carolina to purchase renewable energy resources. The cooperative currently has five members producing and selling electrical power back to the cooperative through solar voltaic systems including one of the largest in the state at one megawatt of power.
EnergyUnited EMC

Mailing Address
P. O. Box 1831
Statesville, N.C. 28687

Phone          Fax
(704) 873-5241   (704) 873-5241
(800) 522-3793

Key Staff
Wayne Wilkins, Chief Executive Officer
Alec Natt, Chief Financial Officer & Vice President of Corporate Services
Kathleen Hart, Chief Information Officer & Vice President of Customer Care
David Schleicher, Vice President, Engineering & Operations
Tom Tedrow, Vice President, Human Resources
Tim Holder, Vice President, Sales/Economic Development

Annual Meeting: Third Saturday in September.

Active Meters: 121,000

Counties Served: Wilkes, Yadkin, Alexander, Iredell, Catawba, Gaston, Mecklenburg, Cabarrus, Montgomery, Davie, Rowan, Davidson, Forsyth, Stokes, Rockingham, Guilford, Randolph, Lincoln

Current and Future Plans

In 2011, EnergyUnited serves over 121,000 accounts, selling approximately 2.4 billion KWH’s. EnergyUnited has 12,240 miles of distribution lines and 182 transmission lines serving in parts of nineteen counties. Currently, there are 9 Board of Directors.

All of the organizations have seen many changes over the past 69 years from the manual way poles were set and now by hydraulic automation, telecommunications technology, and computer driven methods of doing business.

EnergyUnited has expanded its service to include propane, and other utility services that enhance the quality of life for its customers.

EnergyUnited will continue to move forward exploring services that bring value to its customers, never forgetting the end result must provide a need for the customer that is of high quality, and its policy is to ensure customers always be kept in the forefront of any decisions made by the Board of Directors.
Four County Electric Membership Corporation

Mailing Address
PO Box 667
Burgaw, NC  28425

Phone          Fax
(910) 259-2171   (910) 259-1878

Key Staff
Mitchell Keel, Chief Executive Officer
Dan Allen, Vice President of Customer Services
Gary Chitwood, Vice President of Finance & Accounting
Glenn Bradshaw, Vice President of Operations
Robert Harris, Vice President of Engineering
Cindy Horrell, Vice President of Human Resources
Doug Krynicki, Vice President of Information Technology

Active Meters:  32,338

Counties Served:  Columbus, Bladen, Sampson, Duplin, Pender, Onslow

Current and Future Plans

Today, 32,315 active meters are served in the four core counties, and to a lesser degree in Columbus and Onslow counties.  Four County EMC has grown to 4,959 miles of line: 219 miles of transmission, 3,906 miles of overhead.  There are 834 miles of underground, 26 substations, three switching stations and six points of delivery.  In the spring of 2010 Four County EMC completed construction of a looped fiber-optic system which ties all three district offices and most substations into our own telecommunications system.  Besides giving the Cooperative complete control over our own high-speed communications and data circuits, this system enables further advancements in modern technologies such as AMI (Automated Metering Infrastructure) which was completed in 2012.

An annual meeting is held for the members of Four County EMC.  The meeting gives members the opportunity to elect the Board of Directors and to become better acquainted with the progress of the Cooperative during the year.  Notice of the annual meeting will be printed in the Carolina Country magazine, as well as the monthly newsletter, Four County Connection, which is included within the magazine.  The date and site of the annual meeting is also advertised in local newspapers and through radio advertisements.  According to the Cooperative’s bylaws, the annual meeting is to be held on the first Monday, in October; or, the Board of Directors may fix a date not more than 30 days prior to, or subsequent to, the regular meeting date.

Four County EMC is a member of the North Carolina Electric Membership Corporation, which serves as the Cooperative’s wholesale power supplier.  Together with 26 other electric cooperatives in the state, Four County EMC owns part of the generating capacity of Duke Power Company’s Catawba Nuclear Plant.  In addition, the Southeastern Power Administration provides a small percentage of the Cooperative’s total wholesale power needs.
French Broad Electric Membership Corporation

Mailing Address
P. O. Box 9
Marshall, N.C. 28753

Phone     Fax
(828) 649-2051   (828) 649 2989
(800) 222-6190

Key Staff
Jeff Loven, General Manager
Joseph G. Justice, President
Tracy Evans, Burnsville District Manager
Richard M. Thomason, Assistant Manager/ Marshall District Manager
Phyllis Holt, Office Manager

Annual Meeting: First Saturday in May

Active Meters: 36,556

County Served: Madison, Yancey, Mitchell, Buncombe

Current and Future Plans

French Broad EMC has grown into a modern-day cooperative, with 21 substations serving 37,000 members. French Broad has modern system controls along with a data acquisition system, linked by fiber optic cable and wireless communication, to facilitate accurate and rapid functioning of its electrical distribution and transmission plant. Most of the older type substation protection type devices have been replaced with state of the art electronic relays and controls that integrate seamlessly with the Cooperative’s SCADA system.

With the down turn in the economy, the Cooperative has seen only a small increase in member growth. However, due to the cold winter and warm summer, kilowatt hour sales have increased substantially over a year ago. As for future plans and improvements, French Broad EMC continues to expand its Automated Meter Reading with a wireless system from Tantalus. Fiber optic cable is continuing to be installed across the system to provide connectivity to the substations for SCADA, AMR, and BPL. The Cooperative recently was awarded a grant from RUS to expand its Broadband over Power Line services to the rural areas of Madison County that currently only have dial up service. Mobile map viewing and staking software packages are being used by the cooperative in an effort to further improve service response times and streamline the data collection process.

As new renewable energy laws are now in place in North Carolina, French Broad EMC finds that the investment they made in their hydroelectric plant back in the 1980’s has an ever increasing value. In addition to the electricity French Broad EMC purchases from the South Eastern Power
Administration (SEPA), the electricity generated from this plant counts directly towards the state mandated renewable energy requirement. The cooperative has also offered a net metering rate and a generation rate to those customers who wish to invest in renewable technologies and offset some or all of their energy needs.
Halifax Electric Membership Corporation

Mailing Address
P. O. Box 667
Enfield, N.C. 27823

Phone       Fax
(252) 445-5111   (252) 445-2398

Key Staff
Charles Guerry, Executive Vice-President & General Manager
Beverly Carter, President
Wanda P. Cooke, Manager of Finance
Virgil R. Haney Jr., Manager of Transmission & Distribution Services
Roderick D. Bozard, Manager of Operations

Annual Meeting: Third Saturday in May

Active Meters: 11,730

Counties Served: Warren, Nash, Halifax, Martin

Current and Future Plans

Currently, Halifax EMC is constructing a ground-mount, photovoltaic (PV) solar system on its property located on NC Highway 481. Strata Solar, formerly Solar Tech South of Chapel Hill is designing and installing the system using a ground-mount, racking installation. The solar farm will generate approximately 98 KW of electricity and will cover three-fourths of an acre. Construction of the project began in August and should be completed this October.

Halifax EMC continues to focus on economic development through its participation in four Chambers of Commerce and a local committee formed in conjunction with the Town of Enfield, The Enfield Partnership for Tomorrow. The Enfield Partnership is currently working with The UNC Center for Competitive Economics to design and implement a local Master Economic Development Plan. The Center was awarded money by Golden LEAF Foundation to pursue this project with the Enfield Partnership.

Not only is Halifax EMC committed to supporting the community through economic development but also through other venues. One such area of support is that of the arts and that support is evident in the fact that Halifax EMC was named by The Business Committee for the Arts (BCA) as one of ten recipients of The BCA Ten: Best Companies Supporting the Arts in America in 2010. Lakeland Theatre Company nominated Halifax EMC for this honor because of its long-term commitment to the arts in the community. This prestigious award given by the BCA recognizes businesses, whether large or small, for their exceptional involvement with the arts that enrich the workplace, education and the community.
Haywood Electric Membership Corporation

Mailing Address
376 Grindstone Road
Waynesville, N.C. 28785

Phone                  Fax
(828) 452-2281         (828) 456-9443
(800) 951-6088

Key Staff
Norman D. Sloan, Executive Vice-President & General Manager
Bob Tucker, President
Tom Batchelor, Manager of Engineering & Operations
Ken Thomas, Manager of Marketing & Communications
Wilma Corbin, Manager of Human Resources
Susan McCall, Internal Auditor
Darlene Shipman, Supervisor of Consumer Accounting

Annual Meeting: Third Saturday in August

Active Meters: 25,839

Counties Served: Macon, Jackson, Transylvania, Haywood, Buncombe, Madison

Current and Future Plans

Over the years, Haywood’s headquarters has moved from the Cruso community to Main Street in Waynesville followed by a move in 1953 to the Old Asheville Highway in Waynesville where the headquarters remained until July, 2009. As Haywood EMC grew, a district office was added in Lake Toxaway of Transylvania County. Haywood EMC has grown from 18 employees and 3,936 services in 1953 to 67 employees, plus approximately 76 contractor employees serving the 25,839 plus services today.

Due to growth, Haywood EMC maximized the potential of its previous headquarter facilities through renovation and remodeling over the 55 years there. Therefore, Haywood EMC moved into a new headquartering facility at 376 Grindstone Road, Waynesville, NC 28785 as of July, 2009. This will allow the co-op too continue meeting its responsibilities to both the members and communities it serves.

Haywood EMC has averaged a growth of 851 new accounts per year over the past five years. The corporation projects a similar growth pattern into the near future.
In addition to providing the affordable, reliable and safe electrical energy members have come to know and expect, we are also striving to meet state mandates in providing a mixed portfolio of traditional and renewable power resources. This is also being supplemented with energy efficiency programs offered to members as an incentive to reduce greenhouse gases.
Jones-Onslow Electric Membership Corporation

Mailing Address
259 Western Boulevard
Jacksonville, NC  28546

Phone     Fax
(910) 353-1940  (910) 353-8000
(800) 682-1515

Key Staff
J. Ronald McElheney, Chief Executive Officer
Hugh L. Batts, Chairman
Jeff Clark, Chief Financial Officer
Tommy Pritchard, Chief Utility Engineering Officer
Wanda Jones, Vice President of Commercial Operations
Danny Parker, Vice President of Operations

Annual Meeting:  Last Friday in March

Active Meters:  63,031

Counties Served:  Pender, Onslow, Lenoir, Craven, Jones

Current and Future Plans

With many changes facing the industry, Jones-Onslow EMC is still serving its consumers with the neighbor helping neighbor concept, through the cooperative way of business. With over 2,000 miles of line serving approximately 63,000 customers, Jones-Onslow EMC is one of the fastest growing and most innovative cooperatives in the United States.

JOEMC’s annual work plan focuses on reliability and system strength to withstand major storms. Future plans include raising the system voltage from 12.5KV to 24.9KV in most rural areas and increasing the number of transmission delivery substations in the more urban areas. All of this is to accommodate the continuing 6% growth rate in new services being constructed.
Lumbee River Electric Membership Corporation

Mailing Address
P. O. Box 830
Red Springs, N.C. 28377

Phone     Fax
(910) 843-4131   (910) 843-2079
(800) 683-5571

Key Staff
Randall Jones, President & Chief Executive Officer
James Hardin, Chairman - Board of Directors
Perry Cummings, Vice President of Engineering & Operations / Chief Operations Officer
Carmen Dietrich, Vice President of Corporate Services
Daniel Lowry, Vice President of Finance

Annual Meeting:  Second Thursday in October

Active Meters:  55,500

Counties Served:  Scotland, Hoke, Robeson, Cumberland

Current and Future Plans

At the first Annual Meeting of the Members in 1941, the cooperative had 469 miles of line. The average member used 36 kWh per month and paid 7 cents per kWh. Today, the cooperative has 5,481 miles of line and the average residential member uses 1,540 kWh per month at a cost slightly more than 10 cents per kWh. The membership is comprised of 96% residential and 4% commercial. Revenue growth has averaged 7% annually over the past 10 years.

The strong growth for the cooperative continues to be concentrated in the Cumberland and Hoke County areas, in large part due to the BRAC Realignment scheduled to be completed by 2012. In Robeson County, development of businesses is driven by the access to major highways and rail systems, as well as the success of COMtech, a partnership of educational, business and government entities founded to support and help tenant-partners focus on the profitability of their core business through workforce development. Lumbee River offers two loan programs to assist with economic development: the USDA Intermediary Relending Program (IRP) and the USDA Rural Economic Development Loan and Grant Program (REDLG). Both loans help the expansion of businesses to create jobs when adequate funding is not available from other sources.

In addition to Lumbee River’s commitment to support economic development, our investment in technologies has streamlined work processes and provided additional services to the membership. Lumbee River EMC remotely reads meters and is capable of connecting and disconnecting services from our office. Members have multiple pay options available, including
the automated phone system and the internet. Lumbee River EMC also has automated the process for reporting power outages. We continue to evaluate expanding technologies that will provide members with power monitoring capability as well as pre-paid electric service and enhanced interval data availability.

Lumbee River continues to focus on member energy efficiency programs and the inclusion of renewable energy in our fuel portfolio as mandated by the renewable energy portfolio standard by the state of North Carolina. Effective energy efficiency programs, expanding member education and favorable member financing options are resulting in savings to the membership through our implementation of numerous energy efficient measures. Lumbee River EMC will continue to evaluate various renewable energy projects as we work toward meeting our 2018 renewable mandates and future energy needs.

A partnership between DukeNet and Lumbee River EMC facilitated the purchase of a 168 mile fiber optics infrastructure through part of Robeson County. This infrastructure, originally designed to provide fiber connectivity to Robeson County schools, enabled the connection of multiple substations to the corporate headquarters and will enable the future deployment of various smart grid technologies. In addition, Lumbee River received a $20M grant/loan package through the federal Broadband Economic Development Initiative Program to construct a fiber optic “last mile” network. These two programs will facilitate providing high-speed broadband services to residences, businesses and public facilities located in underserved or unserved areas of Robeson County.

With a membership that exceeds 48,000 individuals, Lumbee River EMC continues to provide safe, reliable and affordable electric service to the residents of Cumberland, Hoke, Robeson and Scotland Counties.
Pee Dee Electric Membership Corporation

Mailing Address
575 Highway 52 South
Wadesboro, N.C. 28170

Phone          Fax
(704) 694-2114  (704) 694-9636
(800) 992-1626

Key Staff
Donald (Donnie) Spivey, Chief Executive Officer & Executive Vice-President
Richard H. Johnson, Board President
J. Mark Rhyne, Director of Engineering & Operations
Phillip Mabry, Director of Finance & Accounting
Cathy Page, Director of Customer Service & Marketing
Kim Williams, Director of Human Resources

Annual Meeting:  First Thursday in October

Active Meters – 20,714

Counties Served:  Anson, Montgomery, Moore, Richmond, Scotland, Stanly, Union

Current and Future Plans

Today, Pee Dee Electric serves 20,714 meters throughout seven counties and maintains over 3,063 miles of line.

Pee Dee Electric utilizes advanced technologies including Automated Metering Infrastructure (AMI) and Geographic Information System (GIS). The GIS mapping system provides accurate information in the field for the entire service area. Pee Dee Electric recently installed an Outage Management System (OMS) that is integrated with the other systems. This automated OMS system provides information allowing quicker response times for power outages. Pre-paid Metering services and power usage monitoring became available to our members in 2012. A website portal, MyUsage.com, allows members the ability to look at previous day usage and sign up for email alerts.

Pee Dee Electric continues participation in GreenCo Solutions, Inc. focusing on member energy efficiency programs and continued compliance with the NC Renewable Energy mandate.

One major area of focus in 2012 involves our employee safety program. Safety will continue to be a priority with all employees.
Piedmont Electric Membership Corporation

Mailing Address
P. O. Drawer 1179
Hillsborough, N.C. 27278

Phone     Fax
(919) 732-2123   (919) 644-1030
(800) 222-3107

Key Staff
R. G. (Randy) Brecheisen, President & Chief Executive Officer
Richard (Dick) Mabbott, Senior Vice President & Chief Operating Officer
Steve Hamlin, Vice President of Finance and Chief Financial Officer
Tim McAdoo, Vice President of Human Resources
Gary Wilkins, Manager of Operations
Robin Blanton, Manager of Engineering
Susan Cashion, Manager of Communications, Community Relations & Key Accounts
Todd S. Pope, Manager of Consumer Services
Chuck Lee, Director of Marketing

Annual Meeting: Third Friday in April

Active Meters: 31,510

Counties Served: Caswell, Person, Alamance, Orange, Durham, Granville

Current and Future Plans

Piedmont EMC became the first utility in the state to provide advanced meters to all its member-consumers in July 2009 when we successfully completed our three year program implementation of meters that utilize the advanced Power Line Carrier technology. In addition to reducing our meter reading cost and improving the efficiencies of our distribution network, the advanced meter upgrade brought members direct benefits which allow them to monitor on a daily basis their energy usage without having to wait until the monthly bill arrives. A website portal, MyUsage.com allows members to look at previous day energy usage, sign up for daily emails, as well as email alerts. Through the advanced meter technology we are also able to offer a prepay program, FlexPay, that provides payment flexibility, eliminates the requirement for security deposits and supports conservation by informing members of their daily energy consumption. Piedmont EMC offers numerous programs and initiatives that not only support the state Renewable Energy and Energy Efficiency mandate (Senate Bill 3) but also empowers our members to control their energy costs. These programs and initiatives are mostly a continuation and expansion of programs that have existed at Piedmont EMC for decades. The cooperative has always been focused on helping our members manage their electricity needs in the most cost
effective and economical way. The programs that we will continue to focus on include offering additional advanced meter tools, residential, commercial and industrial energy efficiency evaluations at no cost to our members, high efficiency heat pump rebates, CFL rebates, solar water heater rebates, time-of-day rates, net metering rates, Energy Star New Home rates, HVAC system audits, low interest loans for energy efficiency and renewable equipment and rates for our members that are renewable generation producers. Our technology energy toolkit includes a residential duct blasting test and an infrared thermal imaging camera. These new tools are used during energy audits and they help our members identify areas within their homes and buildings where measures can be applied to help improve their energy efficiency. At our April 2012 Annual Meeting we provided members in attendance with more than 1,632 energy saving CFLs. A total of 887 electric water heater wrap kits have been sold to members that have an annual energy savings of 430 kWhs per wrap kit. Piedmont EMC has more than 570 members on Time-of-Day rates. Piedmont EMC which is an Energy Star Partner with the US Environmental Protection Agency and the Department of Energy continues to promote the Energy Star Program through communications with our members. Through GreenCo Solutions Inc., we will be participating in energy efficiency and renewable programs that support the achievement of our REPS mandate. Lastly, Piedmont EMC has 56 renewable solar generation projects that range from 4kW to 200kW that participate in either the NC Green Power program, Piedmont’s Qualifying Facility or Net Metering rate programs. Piedmont EMC has also given solar thermal rebates to 39 members who have installed solar water heaters.
Pitt & Greene Electric Membership Corporation

Mailing Address
P. O. Box 249
Farmville, N.C. 27828

Phone     Fax
(252) 753-3128    (252) 753-3136
(800) 622-1362

Key Staff
Mark A. Suggs, EVP & General Manager
Glenn Smith, President
Tammy Murphy, Human Resources & Administrative Assistant
Tony Barrow, Director of Engineering
Barry Potter, Director of Operations
Linda Gray, Director of Office Services

Annual Meeting:  First Thursday in November

Active Meter:  8,642

Counties Served:  Wilson, Edgecombe, Wayne, Lenoir, Greene, Pitt

Current and Future Plans

Pitt & Greene Electric Membership Corporation (Pitt & Greene EMC) is a non-profit, non-taxable rural electric cooperative organized pursuant to Article 2, Chapter 117 of the North Carolina General Statutes. The Certificate of Incorporation was filed in the office of the Secretary of State of the State of North Carolina on the 8th day of June 1937. Pitt & Greene EMC is operated by a nine-member board of directors elected by the member-owners of the corporation. The purpose or purposes of the corporation for which it is formed are in general, to provide electric energy to the members of the cooperative; to mortgage plant, buildings and machinery; to acquire and hold, to the extent permitted by law, mortgages, leases, licenses, and right of way easements; to borrow money and other evidences of indebtedness necessary to finance the operation of providing electric energy to the members of the cooperative.

Pitt & Greene EMC is located at 3989 West Wilson Street, Farmville, NC. Its formation began in 1937, and its first homes were energized on March 8, 1938. Construction began on the first Headquarters building in 1953 and was completed May 1954. Pitt & Greene was the 14th electrical co-op established in the nation.

Pitt & Greene EMC installed the AMI (Automated Metering Infrastructure) beginning March 15, 2011. By September 30, 2011, 8500 meters had been successfully installed. We are now
offering Customer Choice, which is a pay as you go program. Customer Choice is optional and is available to all members. Pitt & Greene EMC currently has 29 employees. It serves Pitt, Greene, Lenoir, Wayne, Wilson, and Edgecombe counties. Its average total number of consumers is 8,642, and the corporation serves 1,069 miles of line.
Randolph Electric Membership Corporation

Mailing Address
P. O. Box 40
Asheboro, N.C. 27204-0040

Phone    Fax
(336) 625-5177  (336) 626-1551
(800) 672-8212

Key Staff
Dale Lambert, Chief Executive Officer
Bob Phillips, Senior Vice President & Chief Operating Officer
Jay Albright, District Vice President
Ron Gunnell, Vice President of Engineering
Adam Hargett, Vice President of Finance
Dennis Mabe, Vice President of Operations
Fred Smith, Vice President of Member and Public Relations

Annual Meeting: Third Friday in June

Active Meters: 31, 500

Counties Served: Randolph, Alamance, Chatham, Montgomery, Moore

Current and Future Plans

One very special program developed locally is “People Helping People,” an organization governed by an independent board of directors and sponsored by Randolph EMC. This program allows enrolled members to round up their electric bill to the nearest dollar to help other members in need of financial assistance. Through 2012, nearly $75,300 has been given to individuals and families in need of support.

Education also plays an important role at Randolph EMC. The co-op believes it is because of teachers willing to go the extra mile that our children enjoy some of the finest education opportunities in the world. Employees have delivered hundreds of presentations on energy and electrical safety to area schools and the company is involved in programs that support teachers. Randolph EMC has given away more than $180,000 to teachers over the past 18 years through the “Bright Ideas” program, which assists local teachers with educational programs. In addition, the co-op participates in the “Teachers Internship Program” sponsored by the Asheboro/Randolph Chamber of Commerce. In this program, area teachers spend a week during the summer working at Randolph EMC to gain on-the-job experience that they can incorporate into their lesson plans.
Randolph Electric Membership Corporation looks toward a bright and challenging future as the nation moves toward new technology, energy independence and a cleaner environment. Randolph EMC looks forward to completion of the next step in technology development with investments in Advanced Meter Infrastructure (AMI). The co-op will do its part to ensure intelligent, affordable solutions in meeting the electric requirements of its members. Through a diversified portfolio of traditional power resources, renewable and environmentally friendly generation technologies and energy efficiency, Randolph EMC is committed to delivering affordable, reliable electric energy and superior service in response to the needs of its members and communities.
Roanoke Electric Cooperative

Mailing Address
P. O. Box Drawer 1326
Ahoskie, N.C. 27910

Phone                              Fax
(252) 539-2236                     (252) 539-3021
(800) 433-2236

Key Staff
Curtis Wynn, Executive Vice-President & Chief Executive Officer
Allen W. Speller, President
Marshall Cherry, Vice President, Member Services & Marketing
Eva Wiggins-Greene, Vice-President, Human Resources

Annual Meeting: Fourth Saturday in August

Active Meters: 14,600

Counties Served: Halifax, Northampton, Hertford, Gates, Bertie

Current and Future Plans

Roanoke Electric Cooperative was recognized for its economic development efforts in 2000 at NRECA’s Annual Meeting. The organization received the prestigious Community Service Network (CSN) award, meaning that Roanoke Electric Cooperative’s community involvement showed the most innovation and outreach of all cooperatives in the nation.

Roanoke Electric Cooperative, through its subsidiaries, is dedicated to the economic development of its service area. It has been able to provide the community with training centers that will provide a skilled workforce. There is also a management institute to train individuals for management and administrative jobs, along with the community and economic development projects.

Roanoke EMC is also a member of Greenco LLC who is helping the REPS development.

Roanoke EMC has had the AMI meters 100% deployed since 2007.
Rutherford Electric Membership Corporation

Mailing Address:
P. O. Box 1569
Forest City, NC 28043-1569

Website  www.remc.com

Phone    Fax 828-248-2319
828-245-1621 or
800-521-0920

Key Staff
Joseph H. Joplin, General Manager
J. Dean Carpenter, President
Dirk Burleson, Vice President of Member & Corporate Services
Jeffery C. Brittain, Vice President of Engineering
Colon L. Saunders, Vice President of Operations
Randy Ward, Vice President of District Operations

Annual Meeting:  Last Saturday in October

Active Meters:  67,451

Counties Served:  Caldwell, McDowell, Rutherford, Polk, Cleveland, Burke, Catawba, Lincoln, Gaston, Mitchell

Current and Future Plans

Rutherford EMC is proud to celebrate 75 years of service to its members in 2012. What began with a handful of determined farmers, 10 miles of line and 30 members, has grown to provide electricity to more than 67,000 homes and businesses in 10 counties. A video, produced by Rutherford EMC employees, was shown at our annual meeting in October, which highlighted many events that have taken place over the past 75 years and the progress brought about in the lives of our members. Growth will continue in this small community atmosphere where good schools and the moderate climate provide an excellent area to work and raise families.

Up until November 1987, our meter reading system consisted of each member reading their own meter and mailing in the readings. At that time, REMC employees began the process of reading each meter on a monthly basis. Today, all meters are read electronically by an Automated Meter Reading system. Readings can be accessed on a daily basis and members can log onto our website to our Customer Services Portal and monitor their usage. This portal also allows the member to view their bill, set up Auto-Pay, sign up for E-Billing, pay online and make changes to their account. This service is convenient to members since it can be accessed any time of the day, 365 days a year.
Our automated telephone system allows members to obtain information on their account, report an outage, or pay their bill from any touchtone phone. This service is available 24/7 by dialing any of our offices.

PrePay metering service is available to our qualifying residential and non-demand members. This option does not require a normal security deposit and gives the member flexibility in paying for their electric service.

Rutherford EMC gives back to the community by participating in the Bright Ideas education grant program, the Rural Electric Youth Tour to Washington and the Summer Basketball Camp scholarship program. Many fundraisers are held by employees, with support from the cooperative, to assist families in the community and to donate to the American Cancer Society.

To aid in maintaining its primary goal of providing affordable electric rates and reliable service for its members, Rutherford EMC has developed a series of long-term business strategies aimed at guiding the cooperative well into the 21st century. The cooperative is working to improve its load factor in the residential market by promoting safe, energy-efficient, all-electric living, while capturing opportunities to serve new commercial and industrial loads by building an aggressive economic development program.
South River Electric Membership Corporation

Address
17494 US 421 S
P. O. Box 931
Dunn, N.C. 28335

Phone
(910) 892-8071
(800) 338-5530

Fax
(910) 891-7189

Web site
www.sremc.com

Key Staff
Buddy G. Creed, Executive Vice-President & Chief Executive Officer
Andrew Hardy, VP of Finance & Accounting
Catherine O’Dell, VP of Member Services & Public Relations
Jimmy Allen, Assistant CEO
Kathy McPhail, VP of Corporate Services
Keith Reid, VP of Operations and Engineering
Tim Peede, VP of Information Technology

Number of Employees - 100

Annual Meeting: April

Active Meters – 42,000

Current and Future Plans

South River EMC is one of 22 of North Carolina’s electric cooperatives that are part of a not-for-profit company that focuses on energy efficiency initiatives and renewable resources. The company, a member-owned cooperative, is named GreenCo Solutions, Inc. The new company's core services will include energy efficiency program development and pilot projects for development of renewable energy resources.

The green-services company also provides compliance reporting and tracking for member cooperatives related to Renewable Energy Portfolio Standards (REPS) established by Senate Bill 3, enacted by the NC General Assembly in 2007. The bill mandates that NC-based electric utilities must purchase or generate a specific amount of renewable energy, or reduce electricity use through energy efficiency improvements.

Through GreenCo Solutions, South River EMC is participating in the purchase of renewable energy certificates from the various renewable projects.

South River EMC has been on the cutting edge of the deployment of technology. In 2009 we kicked off a conversion effort to install all new metering taking advantage in advances offered thorough automated metering infrastructure. The cooperative also takes advantage of other
investments in technology to conduct business more efficiently, to deliver better service to our members and to hold down costs.

The cooperative is using Telelink, an automated phone system that can handle more phone calls than a manned system, making it possible for members to contact the Cooperative and make a credit card payment through an automated system 24-hours-a-day. It also allows the Cooperative to program outbound messages regarding planned outages, pending disconnection and more.

The Porche system works with Telelink so members can push one button to report an outage. Once the outage is reported, the system notifies the member if the Cooperative is aware of the outage, if crews have been dispatched and the extent of the outage.

In 2012 South River EMC began offering SmartPay to members. SmartPay is a prepaid solution that enables members to pay for electricity in advance and to make payments as their household budget allows and as frequently as is necessary.

Also in 2012, South River EMC kicked off the enrollment period for members who wish to participate in the Member Generation program. This is a non-residential customer-owned generation program. The first enrollment period was only for members who had generators in place in 2009 or before.

In 2013, South River EMC plans to implement mobile workforce management. This system will allow the cooperative to send work orders to field personnel to enable them to work more efficiently while reducing the amount of paperwork and redundancy.
Mailing Address
P. O. Box 305
Dobson, N.C. 27017

Phone     Fax
(336) 356-8241   (336) 356-9744
(800) 682-5903

Key Staff
Greg Puckett, Executive Vice-President & General Manager
Lee Von (Toby) Speaks, President
W. Gregory Puckett, Assistant Manager
David White, Manager of Marketing and Member Services

Annual Meeting:  First Saturday in October

Active Meters:  26,975

Counties Served:  Wilkes, Surry, Yadkin, Stokes, Forsyth

Current and Future Plans

Surry-Yadkin EMC has grown from its modest beginnings to serving 26,000 plus meters and operating 18 substations. Currently, Surry-Yadkin has 107 miles of transmission line and 3,973 miles of distribution line. Over the past 70 years, the location and appearance of its headquarters has changed many times. It is currently located at 510 South Main Street, Dobson, where it has been since 1960. All members are served from this location. Surry-Yadkin EMC has a staff of 50 well-trained employees to serve its membership.

Our plan in 2010 was to promote CFLs use of these bulbs. Surry-Yadkin EMC is a member of GreenCo Solutions, Inc. which is 23 coops which are involved in projects such as solar, bio-mass and wind. This practice was continued through 2011.
Tideland Electric Membership Corporation

Mailing Address
P. O. Box 159
Pantego, N.C. 27860

Phone          Fax
(252) 943-3046  (252) 943-3510
(800) 637-1079

Key Staff
Cecil O. Smith, Jr., General Manager and Chief Executive Officer
William Ray Hamilton, President
Ben Beagle, Manager of Operations
Vernon Howell, Jr., Manager of Customer Service
Myra Beasley, Manager of Human Resources, Safety & Training
Jill Lee, Manager of Finance
Bill Waters, Manager of Information Technology
Heidi Smith, Manager of Economic Development, Marketing & Corporate Communications
Tonya Little, Administrative Assistant

Annual Meeting: May

Active Meters: 22,622

Counties Served: Craven, Pamlico, Beaufort, Washington, Hyde, Dare

Current and Future Plans

Today Tideland is keenly focused on its core business function: the safe and reliable delivery of affordable electric service. Since 1999, Tideland has made substantial investments in system upgrades including the construction of a 115 kV transmission line traversing Beaufort and Hyde counties, and in December 2009 the co-op began the process of converting to all digital meters capable of providing remote readings and other advanced functions that will enable smart grid technologies in the coming years. In the summer of 2010, Tideland interconnected its first two small, member-owned photovoltaic solar systems, and it is possible that the Tideland service territory, at the southernmost end of the PJM (Pennsylvania-New Jersey-Maryland) regional transmission organization, will be home to large investor-owned wind and solar projects.

Technology and information drive the future, and Tideland is determined to be in a position to deploy cost effective, member focused solutions that meet increasingly diverse energy needs.
Tri-County Electric Membership Corporation

Mailing Address
4255 Alt. US Hwy 117 South
PO Box 130
Dudley, NC  28333

www.teemc.com

Phone
919-735-2611       Fax:  919-734-6277

Key Staff
J. Michael Davis, General Manager
Sue S. Beal, Manager of Communications and Public Relations
Ken E. Davis, Manager Finance and Accounting
Tony Grantham, PE, Manager of Engineering
Don Keen, Systems Inspector
Bob Kornegay, Manager of Member Services and Marketing
Mike Wood, Manager of Operations

Annual Meeting:  Second Saturday in November

Active Meters:  24,816

Counties Served:  Johnston, Sampson, Wayne, Duplin, Lenoir

Current and Future Plans

Tri-County Electric Membership Corporation is located in Dudley, North Carolina, and operates over 2500 miles of distribution line and 17 miles of transmission line. Tri-County EMC serves approximately 23,750 meters in Wayne, Duplin, Lenoir, Johnston, Wilson, Sampson and Jones Counties. The service area is mainly rural with several urban areas located near Goldsboro and Kinston. The consumer distribution is 80% residential and 20% commercial and agricultural. Due to the economic downturn, residential development has slowed, but is expected to return as the economy strengthens. The commercial and agricultural market is focused mainly on swine, poultry and tobacco production. The largest commercial consumer Tri-County serves is one of the largest turkey processing plants in the United States. The majority of large commercial consumers are swine and poultry production facilities. Poultry production is expected to increase over the next few years due to new processing plants being built near the service area. Tri-County Electric Membership Corporation’s present and future mission is to provide reliable electric power at a reasonable cost, to offer superior service and to take an active role in supporting the communities it serves.
Union Power Cooperative

Mailing Address
P. O. Box 5014
Monroe, N.C. 28111-5014

Phone     Fax
(704) 289-3145   (704) 296-0408
(800) 922-6840

Key Staff
Tony E. Herrin, Executive Vice-President & General Manager
B. L. Starnes, President
Julia A. Griffin, Vice President of Corporate Services
Thomas D. Slusher, Vice President-Operations & Engineering
Luanne Sherron, Vice President of Communications & Key Accounts
Hal Setser, Vice President of Marketing and Energy Services

Annual Meeting: Saturday in September or October

Active Meters: 65,585

Counties Served: Rowan, Cabarrus, Mecklenburg, Union, Stanly

Current and Future Plans

NC Legislation signed in August, 2007 a Renewable Energy Portfolio and requires electric cooperatives to generate or purchase 10 percent of their total sales from renewable energy sources or reduce energy consumption by 10 percent within 10 years. As a result of this mandate the NC co-ops formed GreenCo Solutions, Inc. Union Power joined this not for profit, member-owned cooperative to help with meeting the mandate. Tony Herrin, Union Power’s general manager and executive vice president was named president of the board of GreenCo Solutions. Union Power energized the substation in the area of Wesley Chapel. The Hemby Bridge substation is due for completion this year. Permit to build a new substation in Waxhaw was approved and the process to site new transmission line has begun with plans to involve the public before the route is selected. Union Power is participating in a grass roots effort called “Our Energy, Our Future” to encourage legislators to develop smart, balanced energy legislation as our nation is facing demand for more electricity and declining capacity.

Year 2009 – Union Power serves nearly 65,000 members. The co-op has implemented a new strategic planning process that incorporates a new mission statement: Union Power provides safe and reliable power with exceptional value. Ten guiding principles are: Continuous Improvement - We relentlessly pursue excellence in all that we do. Fiscal Responsibility - Our financial success keeps us in business. Empowerment - Involved employees are our greatest asset. Stewardship - We promote conservation, energy efficiency, and the use of renewable energy alternatives. Integrity and Trust - We are honest and truthful in all relationships.
Citizenship - We invest in the communities that we serve. Teamwork - We work together in integrating all cooperative resources that can add value to our members. Diversity - We treat all employees and members with fairness, respect, and compassion. Creative - We are resourceful in adding value to our products and services by promoting change and encouraging innovation. Member Focus - We deliver the highest standards of service and ensure that the objectives of the Cooperative are linked to the member needs and expectations. Numerous initiatives were focused on throughout the year within four focus areas – Operational Excellence, Member Service and Satisfaction, Team Effectiveness, and Financial Performance.

In February of 2009, Union Power began a Geographic Information System (GIS) mapping project to record the precise location of every Union Power pole, transformer, electric meter, and the equipment associated with them. This is an 18 month project expected to be completed in 2010.

In the Waxhaw area of Union County, grading began for a new Twelve Mile Creek Substation and also began to execute a comprehensive transmission line siting process to select its route for a new 100,000 volt high power transmission line.

Union Power is working to comply with NC’s Renewable Energy mandate and has joined with GreenCo Solutions, Inc. to team up with solar and wind projects. The cooperative distributed over 3,800 CFL bulbs to members in 2009.

Year 2010 – Union Power serves over 65,500 members. Strategic initiatives continued as new projects were added throughout the Cooperatives four focus areas of Operational Excellence, Member Service and Satisfaction, Team Effectiveness, and Financial Performance.

Three major areas of focus were to improve safety process that encourages the participation of all employees to be a 100% injury-free workforce. The implementation of a new Advanced Metering Infrastructure (AMI) began this year that allows 2-way communication between new advanced meters and our central operations center. AMI deployment began in June with a pilot project in the Mount Pleasant area of Cabarrus County. Full implementation across our service area is scheduled to be completed within four years.

The Geographic Information System (GIS) project continued as nearly 5,900 miles of overhead and underground lines serving over 65,000 members in our five-county service area was mapped. Mapping was completed in late August, and the project will conclude in October 2010.

Union Power’s participation in GreenCo Solutions Inc. continued for compliance with the NC Renewable Energy mandate. The co-op distributed over 222,000 CFL’s to our entire membership in 2010.
Wake Electric Membership Corporation

Mailing Address:
P.O. Box 1229
Wake Forest, NC 27588-1229

www.wemc.com

Phone Number:    Fax:
(919) 863-6300    (919) 863-6379
(800) 474-6300

Key Staff:
Jim E. Mangum, Jr., General Manager and Chief Executive Officer
Phil Price, Chief Operating Officer and Assistant General Manager
Stephen Hamlin, Chief Financial Officer
C. Fred Keller, Manager of Member and Energy Services
T. Scott Poole, Manager of Customer Service
Don Bowman, Manager of Engineering
Tim McAdoo, Human Resources Officer

Annual Meeting: Fourth Friday in March

Active Members:  35,129

Counties Served: Granville, Vance, Durham, Wake, Johnston, Franklin, Nash

Current and Future Plans

Wake Electric provides electric service to almost 35,000 primarily residential consumers in parts of seven counties in north central North Carolina, including: Durham, Franklin, Granville, Johnston, Nash, Vance and Wake counties. Wake Electric has 16 substations, with three more under construction, and more than 3,000 miles of distribution lines (1,900 miles overhead and 1,100 miles underground.) Service offices are located in Oxford, Wake Forest, Youngsville and Zebulon.

Wake Electric is facing a steady growth in electricity demand while it is becoming more difficult and expensive to produce and transmit power. Even with successful energy efficiency programs, our state will experience increased energy demand requiring construction of new power plants and transmission lines.

One important way we’re controlling costs is through innovation. Wake Electric is deploying state-of-the-art technology that helps reduce operating costs and improve service reliability. For example, our new Monitor & Manage Program uses “smart-grid” technology to eliminate energy consumption created by electric appliances when they aren’t being used without compromising
control, comfort or convenience. This home energy management system can be accessed through the Internet or a mobile phone from a secure, personal web portal.

Wake Electric also updated its mapping system and moved everything online, giving linemen and meter technicians easy-to-access and accurate information in the field. Wake Electric is installing meters that automatically report outages. By the end of 2012, we expect to have 80 percent of these meters installed. Members can report outages using our automated phone system or talk directly with a customer service representative. Our crews in the field also report outages and system problems. A fully integrated customer and engineering database enables Wake Electric employees to analyze outage calls and assign restoration crews efficiently.

Along with keeping costs down, our energy efficiency programs help manage energy use. As a Touchstone Energy cooperative, we offer members’ access to TogetherWeSave.com, an energy efficiency website that features more than a dozen interactive web applications linked to a virtual home tour designed to encourage members to take energy-savings actions now. We also offer online home energy audits to help members get the best value out of the energy you use every month.

Wake Electric is also working to do everyday business in a more efficient manner. We now have a dedicated pay-by-phone number option for bill payment. This convenient new way to pay monthly electric bills allows members to check the status of their account, make a payment, create or update PIN numbers and also update phone numbers through an automated phone system.

Costs are rising for all of us, but when it comes to your electric bill our rates are set simply to cover the cost of doing business, not to generate profits for distant stockholders. In fact, we give money back to our members as capital credits when our revenues exceed costs. This year alone, Wake Electric returned $1,000,000 in patronage capital to existing and former members, as well as approximately $140,000 to the estates of deceased members.

Wake Electric is working to keep electric bills affordable. We’re controlling costs through innovation. We’re continuing to put our members first. No matter what the future brings, one thing is certain: Wake Electric is looking out for its members.
Blue Ridge Mountain Electric Membership Corporation

Mailing Address:
P. O. Box 9
Young Harris, Georgia 30582

Phone      Fax
(706) 379-3121   (706) 379-4834

Key Staff:
Matthew Akins, Manager
Chris Kelley, Director of Operations
Gene Coker, Director of Engineering
Sonny Mahan, Director of Member Services
Erik Brinke, Director of Economic Development
Patricia Young, Director of Office Services
Dwayne Long, Director of Information Systems

Annual Meeting: Second Saturday in September

Active Meters – 16,997 (In North Carolina)

Counties Served: Clay and Cherokee

Current and Future Plans

The first lines were energized in the latter part of 1939. There have been many changes throughout the years. A new building was built along Highway 76 in Young Harris in 1955. Building additions have been made in 1975 and 1995. The Co-op has seen considerable growth, presently serving approximately 48,200 meters. Approximately 35% of these meters are in Clay and Cherokee Counties in North Carolina, and 65% are in Towns, Union and Fannie County, Georgia.

Our projections are that we will continue to grow at the rate of approximately 2% per year in the number of customers and approximately 5% per year in energy sales.

Blue Ridge Mountain EMC has constructed and continues to build out a fiber optic network to provide broadband services to homes and businesses in the service area.
Broad River Electric Membership Corporation

Physical Address:
811 Hamrick Street
Gaffney, SC 29340

Mailing Address:
P. O. Box 2269
Gaffney, SC 29342

www.broadriverelectric.com

Phone    Fax
(864) 489-5737    (864) 487-7808
(866) 687-2667

Key Staff:
Douglas E. Wilson, CEO
Cary Johnson, Operations Manager
John Brown, Office manager
Josh Crotzer, Member Services

Annual Meeting:  First Saturday in May

Active Meters - 403
(In North Carolina)

Counties Served:  Cleveland, Polk, Rutherford

Current and Future Plans

Technology has changed many times since 1940. Computers have made a major impact on the way we run our business today, which enables us to fulfill our mission. Some of the innovations include: communications via the internet, automatic telephone system (answering and operations), Supervisory Control and Data Acquisition (SCADA) in all substations, digital mapping, digital line staking, engineering software for long range planning, outage reporting system, automatic meter reading system with signal over our power lines (read every meter every day, monitors power quality, etc.) to name a few.

Broad River’s Annual Meeting is held on the first Saturday in May each year at our office in the Broad River Electric Cooperative Auditorium. Registration opens at 8:30 a.m. with the business meeting beginning at 10:00 a.m.
Mecklenburg Electric Membership Cooperative

P. O. Box 2451
Chase City, VA  23924

www.meckelec.org

Phone
Telephone: 434 372-6100    Fax: 434 372-6101

Key Staff
John C. Lee, President & CEO
Cecelia R. Irby, Executive Assistant
Mike Heffinger, V.P. Engineering
Glen Gillispie, Chief Operating Officer
David Lipscomb, V.P. District Services
Brian Mosier, V.P. Business Development
Leilani Todd, V.P. Human Resources
Phyllis Williams, Manager of Information Technology

Annual Meeting:  Third Wednesday in June

Active Meters in NC:  124

Counties Served:  Granville, Vance, Warren

Current and Future Plans

Mecklenburg Electric Cooperative (MEC) is a Touchstone Energy Cooperative, headquartered in Chase City, Virginia, with three district offices—Chase City, Gretna, and Emporia. Serving over 31,000 accounts, it provides electricity to portions of nine counties in Southside Virginia. We have served our members since 1938 and will continue to fulfill our mission of providing safe, reliable, affordable and environmentally responsible electric service.

Through the years MEC has grown to become more than a utility providing electric service, but an organization that has become an integral part of the community. This was evidenced by the fact that we received an ACSI score of 84 last year, which surpasses an elite group of acclaimed consumer friendly corporations, including Nike, Outback, Dell, Hyatt, Nordstrom, and Starbucks. During that same year we were honored to be included in the Best Practices Knowledgebase for receiving the highest scores on a section of the Touchstone Energy Survey.
While the concept of conservation and energy efficiency has been promoted by Mecklenburg Electric for many years, it has become an increasingly more important subject, given the continuing volatility of power supply costs and the regulatory uncertainty associated with traditional generation sources. MEC provides a free home energy audit that includes infrared pictures and will continue to look for programs and services that will help our Members save energy.
Mountain Electric Membership Cooperative

Mailing Address:
Corporate Office       District Office
P. O. Box 180        P. O. Box 1240
Mountain City, Tennessee 37683     Newland, NC 28657

Phone     Fax
(423) 727-1800   (423) 727-1822

Key Staff:
Joseph A. Thacker, III, General Manager
Richard Grubb, Director of Engineering and Operations
Charlie Dunn, Director of Member Services
Danny Cuthbertson, District Manager
Judy L. Walsh, Director of Accounting & Financial Services

Annual Meeting:  September

Active Meters – 18,211
(In North Carolina)

Counties Served:  Avery, Burke, McDowell, Watauga

Current and Future Plans

In 2010 MEC will complete a $4.6M automatic meter reading (AMR) system that provides two-way communication between the office and each meter location. This provides many customer benefits including remote meter reading and remote monitoring of service status at customer’s location.

To further promote energy efficiency, MEC has added two additional programs. MEC’s new HomeEnergySuite™ is a set of free online applications and resources that provide members an easy way to get answers about their energy questions. The program may be accessed from the MEC’s website at www.mountain.coop. The primary analysis engine is the Your Bill Analyzer which gives the customer the ability to run a detailed cost analysis specific to their home construction, local weather conditions and local utility rates.

MEC’s new In-Home Energy Evaluation Program provides cash incentives for making home energy improvements. Customers arrange for an on-site energy audit by a certified evaluator who reviews the home and creates a report of useful energy-efficiency modifications. The program then reimburses for the initial inspection fee and for up to an additional $500 on a 50/50 basis for any improvements that are made. The program also provides for low interest financing.

For members interested in Renewable energy, MEC offers a couple of green power programs. The Green Power Switch program provides a method for members to purchase green power as
part of their individual energy usage. The *Generation Partners* program provides members a method to generate green power and sell it back to MEC’s wholesale power supplier.

Mountain Electric Cooperative, Inc. (MEC) distributes electricity to over 33,000 residential and business members in a 700 square mile service area located in northeast Tennessee and northwest North Carolina. The organization, formed by farmers and home owners in 1941, is a member owned electric cooperative. Its headquarters office is located in Mountain City, TN with a district office in Newland, NC and a branch office in Roan Mountain, Tennessee. MEC’s wholesale power supplier is the Tennessee Valley Authority.
**Tri State Electric Membership Cooperative**

**Mailing Address:**
Box 68
McCayesville, Georgia 30555

**Phone:** (706) 492-3251  
**Fax:** (706) 492-7617

**Key Staff:**
Stacy Chastain, General Manager
William Grady Anderson, President
Connie B. Ramey, Manager, Finance
Terry Arp, Manager, Operations
Keith Thomas, Manager, Right of Way
Barbara Wilcox, Manager, Office Services
Lisa Hood, Manager, Billing
Christ Hulsey, Manager, Human Resources
David Lewis, Manager, IT Services

**Annual Meeting:** Third Saturday in September

**Active Meters:** 1,398  
(In North Carolina)

**Counties Served:** Cherokee

**Current and Future Plans**

Tri-State has been proactive in moving with change and new innovations. For example, it has moved into the automated meter reading service. The office has been renovated for more up-to-date computer service and office space. In 2003, Tri-State EMC constructed a new mechanics shop consisting of a three bay garage. This shop was needed to store the latest digging equipment for underground service.

An engineering wing was added in 2006 to accommodate Tri-State’s move to an automated mapping system. This system will enable Tri-State to plan and develop for future growth in its service territory.
STATEWIDE ORGANIZATIONS

Collectively Giving the Individual Corporations a Statewide Presence
In 1943, North Carolina's electric cooperatives formed the North Carolina Association of Electric Cooperatives, Inc. (NCAEC), a statewide association to promote training, safety and education among their consumers and the general public. These programs are arranged for and utilized by each of the 26 member cooperatives.

Functions of NCAEC:

- Promote government relations in Raleigh and its local communities and in Washington, D.C.
- Develop and distribute the Carolina Country magazine, published monthly for consumer-members since 1946
- Provide training programs and conferences for co-op directors, managers and staff
- Encourage and promote youth scholarships, education programs and tours to Washington, D.C.
- Provide safety and job training for line workers
- Initiate strategic communications planning, advertising, branding and community relations efforts on behalf of the member cooperatives

2013 OFFICERS:

Tony Herrin, President
Union Power EMC

Allen Speller, Vice President
Roanoke EC

Jeffrey Joines, Secretary-Treasurer
Blue Ridge EMC

Joseph P. Brannan, Executive Vice President & CEO
North Carolina Association of Electric Cooperatives, Inc.
Post Office Box 27306
Raleigh, North Carolina 27611

Robert H. Goodson, Senior Vice-President & COO
North Carolina Association of Electric Cooperatives, Inc.
Post Office Box 27306
Raleigh, North Carolina 27611

North Carolina Electric Membership Corporation

The North Carolina Electric Membership Corporation (NCEMC), the power supplier for most of the electric cooperatives throughout the State, has a mission to provide reliable, affordable and safe electric and related services to members of the organization.

NCEMC acquires the power it sells to its member cooperatives in a number of ways, including:

- Ownership of 61.5% of the Catawba Nuclear Station Unit 1, and a 30.76% interest in the common facilities of the Catawba Nuclear Station in York County, South Carolina.

- NCEMC-owned and operated peaking generators on the Outer Banks: one at Buxton (15 megawatts) and the other at Ocracoke (3 megawatts)

- Purchases from investor-owned utilities, such as Progress Energy, American Electric Power and SCANA

- Ownership of two natural gas peak-load power plants located in Anson and Richmond counties, with a combined rating of approximately 600 megawatts of capacity.

NCEMC also supports the various cooperatives in the following ways:

- Operation of a load management system
- Engineering and construction management
- Power supply planning
- Demand Side Management (DSM) planning

As North Carolina’s energy demand continues to grow, the electric cooperatives continue to have an obligation to ensure a reliable and affordable source of electricity to their members.
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION

3400 Sumner Boulevard (27616)
Post Office Box 27306
Raleigh, North Carolina 27611
Telephone: 919-872-0800

2013 OFFICERS:

Donald Spivey, President
Pee Dee EMC

Mitchell Keel, Vice President
Four County EMC

Mark Suggs, Secretary-Treasurer
Pitt & Greene EMC

Joseph P. Brannan, Executive Vice President & CEO
North Carolina Electric Membership Corporation
P. O. Box 27306
Raleigh, North Carolina 27611

**********************
Chartered as Eastern North Carolina Electric Membership Corporation on April 4, 1949
Chartered as North Carolina Electric Membership Corporation on May 27, 1958
Counties covered by charter: All 100 North Carolina counties
The Tarheel Electric Membership Association, Inc. (TEMA) is a product of 26 member cooperatives combining efforts to purchase material, equipment and supplies at competitive prices. The modern warehouse contains 112,000 square feet of storage space. Common carrier and contract haulers ship supplies, a system that assures economy, 24-hour-a-day service, and on-time delivery. TEMA maintains a multi-million dollar inventory to respond rapidly to customer needs. Material on hand includes:

- Protective equipment: arrestors, cutouts, switches
- Conductor: primary overhead, underground, secondary
- Transformers: three-phase and single-phase
- Hardware
- Insulators
- Meters
- Crossarms
- Plant construction and maintenance materials

In the event of a storm or other emergency, TEMA goes to work immediately to direct materials and crews to where they are needed most. Cooperatives respond with teamwork, sending their crews and equipment, if necessary, to help other cooperatives.

2013 TEMA Board Officers:
David Eggers, President – Blue Ridge EMC
J. Michael Davis, Vice President – Tri-County EMC
Tony Herrin, Secretary-Treasurer – Union Power Cooperative

Lonnie Moore, Senior Vice President & COO
The Tarheel Electric Membership Association, Inc.
Post Office Box 61050
Raleigh, North Carolina 27661
A SNAPSHOT OF SERVICE
BY COUNTY

A Microscopic View
### RURAL ELECTRIC AGENCIES BY COUNTY

<table>
<thead>
<tr>
<th>County</th>
<th>Agencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alamance</td>
<td>Piedmont Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Randolph Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Alexander</td>
<td>Blue Ridge Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>EnergyUnited Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Alleghany</td>
<td>Blue Ridge Electric Membership Corporation</td>
</tr>
<tr>
<td>Anson</td>
<td>Pee Dee Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Union Power Cooperative</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Ashe</td>
<td>Blue Ridge Electric Membership Corporation</td>
</tr>
<tr>
<td>Avery</td>
<td>Blue Ridge Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>French Broad Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Rutherford Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Mountain Electric Cooperative</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Beaufort</td>
<td>Edgecombe-Martin County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Tideland Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>City of Washington</td>
</tr>
<tr>
<td></td>
<td>Town of Belhaven</td>
</tr>
<tr>
<td></td>
<td>Greenville Utilities Commission</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td>Bertie</td>
<td>Edgecombe-Martin County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Halifax Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Roanoke Electric Cooperative</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td>Bladen</td>
<td>Brunswick Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Four County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>South River Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
</tbody>
</table>
Brunswick  Brunswick Electric Membership Corporation  City of Southport  Progress Energy of the Carolinas


Burke  Rutherford Electric Membership Corporation  Mountain Electric Cooperative  City of Morganton  Town of Drexel  Duke Power Company

Cabarrus  EnergyUnited Electric Membership Corporation  Union Power Cooperative  City of Concord  Duke Power Company

Caldwell  Blue Ridge Electric Membership Corporation  Rutherford Electric Membership Corporation  Town of Granite Falls  Duke Power Company

Camden  Albemarle Electric Membership Corporation  City of Elizabeth City  Dominion North Carolina Power

Carteret  Carteret-Craven Electric Membership Corporation  Jones-Onslow Electric Membership Corporation  Progress Energy of the Carolinas

Caswell  Piedmont Electric Membership Corporation  Town of Granite Falls  Progress Energy of the Carolinas  Duke Power Company

Catawba  EnergyUnited Electric Membership Corporation  Rutherford Electric Membership Corporation  City of Newton  Town of Maiden  Duke Power Company
Chatham
- Central Electric Membership Corporation
- Randolph Electric Membership Corporation
- Progress Energy of the Carolinas
- Duke Power Company

Cherokee
- Haywood Electric Membership Corporation
- Blue Ridge Mountain Electric Membership Corporation
- Tri-State Electric Membership Corporation
- Duke Power Company
- Town of Murphy

Chowan
- Albemarle Electric Membership Corporation
- Roanoke Electric Cooperative
- Town of Edenton
- Dominion North Carolina Power

Clay
- Blue Ridge Mountain Electric Membership Corporation
- Duke Power Company

Cleveland
- Rutherford Electric Membership Corporation
- City of Kings Mountain
- Broad River Electric Cooperative, Inc.
- Town of Shelby
- Duke Power Company

Columbus
- Brunswick Electric Membership Corporation
- Four County Electric Membership Corporation
- Progress Energy of the Carolinas

Craven
- Carteret-Craven Electric Membership Corp.
- Jones-Onslow Electric Membership Corporation
- Tideland Electric Membership Corporation
- Greenville Utilities Commission
- City of New Bern
- Progress Energy of the Carolinas

Cumberland
- Lumbee River Electric Membership Corporation
- South River Electric Membership Corporation
- Progress Energy of the Carolinas

Currituck
- Albemarle Electric Membership Corporation
- Dominion North Carolina Power

Dare
- Cape Hatteras Electric Cooperative
- Dominion North Carolina Power
Davidson  
EnergyUnited Electric Membership Corporation  
City of High Point  
City of Lexington  
Duke Power Company  

Davie  
EnergyUnited Electric Membership Corporation  
Duke Power Company  

Duplin  
Four County Electric Membership Corporation  
Jones-Onslow Electric Membership Corporation  
Tri-County Electric Membership Corporation  
Progress Energy of the Carolinas  

Durham  
Piedmont Electric Membership Corporation  
Wake Electric Membership Corporation  
Progress Energy of the Carolinas  
Duke Power Company  

Edgecombe  
Edgecombe-Martin County Electric Membership Corporation  
Pitt and Greene Electric Membership Corporation  
City of Rocky Mount  
City of Wilson  
Town of Fountain  
Town of Macclesfield  
Town of Pinetops  
Town of Sharpsburg  
Town of Tarboro  
Progress Energy of the Carolinas  
Dominion North Carolina Power  

Forsyth  
EnergyUnited Electric Membership Corporation  
Surry-Yadkin Electric Membership Corporation  
Duke Power Company  

Franklin  
Wake Electric Membership Corporation  
Town of Louisburg  
Progress Energy of the Carolinas  

Gaston  
EnergyUnited Electric Membership Corporation  
Rutherford Electric Membership Corporation  
Town of Cherryville  
Town of Dallas  
City of Gastonia  
Duke Power Company
<table>
<thead>
<tr>
<th>County</th>
<th>Utilities and Local Entities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gates</td>
<td>Albemarle Electric Membership Corporation, Roanoke Electric Cooperative, Dominion North Carolina Power</td>
</tr>
<tr>
<td>Graham</td>
<td>Haywood Electric Membership Corporation, Duke Power Company</td>
</tr>
<tr>
<td>Greene</td>
<td>Pitt and Greene Electric Membership Corporation, Greenville Utilities Commission, Town of Hookerton, Town of Stantonsburg, Town of Walstonburg, City of Wilson, Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Guilford</td>
<td>EnergyUnited Electric Membership Corporation, City of High Point, Progress Energy of the Carolinas, Duke Power Company, UNC - Greensboro</td>
</tr>
<tr>
<td>Harnett</td>
<td>Central Electric Membership Corporation, South River Electric Membership Corporation, Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Haywood</td>
<td>Haywood Electric Membership Corporation, Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Henderson</td>
<td>Progress Energy of the Carolinas, Duke Power Company</td>
</tr>
</tbody>
</table>
Hertford  Roanoke Electric Membership Corporation  Dominion North Carolina Power
Hoke  Central Electric Membership Corporation  Lumbee River Electric Membership Corporation  South River Electric Membership Corporation  Progress Energy of the Carolinas
Hyde  Tideland Electric Membership Corporation  Dominion North Carolina Power
Iredell  EnergyUnited Electric Membership Corporation  City of Statesville  Duke Power Company
Jackson  Haywood Electric Membership Corporation  Western Carolina University  Progress Energy of the Carolinas  Duke Power Company
Johnston  South River Electric Membership Corporation  Tri-County Electric Membership Corporation  Wake Electric Membership Corporation  Town of Benson  Town of Clayton  Town of Selma  Town of Smithfield  Progress Energy of the Carolinas
Jones  Carteret-Craven Electric Membership Corporation  Jones-Onslow Electric Membership Corporation  Tri-County Electric Membership Corporation  City of New Bern  Progress Energy of the Carolinas
Lee  Central Electric Membership Corporation  Progress Energy of the Carolinas
Lenoir  Jones-Onslow Electric Membership Corporation  Pitt and Greene Electric Membership Corporation  Tri-County Electric Membership Corporation  Town of La Grange  City of Kinston  Progress Energy of the Carolinas
<table>
<thead>
<tr>
<th>County</th>
<th>Utility Companies and Municipalities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lincoln</td>
<td>EnergyUnited Electric Membership Corporation, Rutherford Electric Membership Corporation, City of Lincolnton, Duke Power Company</td>
</tr>
<tr>
<td>McDonnell</td>
<td>Rutherford Electric Membership Corporation, Mountain Electric Cooperative, Progress Energy of the Carolinas, Duke Power Company</td>
</tr>
<tr>
<td>Macon</td>
<td>Haywood Electric Membership Corporation, Duke Power Company, Town of Highlands</td>
</tr>
<tr>
<td>Madison</td>
<td>French Broad Electric Membership Corporation, Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Mecklenburg</td>
<td>EnergyUnited Electric Membership Corporation, Union Power Cooperative, Town of Cornelius, Town of Huntersville, Town of Pineville, Duke Power Company</td>
</tr>
<tr>
<td>Mitchell</td>
<td>French Broad Electric Membership Corporation, Rutherford Electric Membership Corporation, Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Montgomery</td>
<td>EnergyUnited Electric Membership Corporation, Pee Dee Electric Membership Corporation, Randolph Electric Membership Corporation, Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Moore</td>
<td>Central Electric Membership Corporation, Pee Dee Electric Membership Corporation, Randolph Electric Membership Corporation, Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>County</td>
<td>Electric Companies</td>
</tr>
<tr>
<td>----------------</td>
<td>----------------------------------------------------------</td>
</tr>
<tr>
<td>Nash</td>
<td>Edgecombe-Martin County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Halifax Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Wake Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>City of Rocky Mount</td>
</tr>
<tr>
<td></td>
<td>Town of Sharpsburg</td>
</tr>
<tr>
<td></td>
<td>City of Wilson</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>New Hanover</td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Northampton</td>
<td>Halifax Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Roanoke Electric Cooperative</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td>Onslow</td>
<td>Carteret-Craven Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Four County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Jones-Onslow Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Orange</td>
<td>Piedmont Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td></td>
<td>UNC – Chapel Hill</td>
</tr>
<tr>
<td>Pamlico</td>
<td>Tideland Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Pasquotank</td>
<td>Albemarle Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>City of Elizabeth City</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td></td>
<td>Elizabeth City State University</td>
</tr>
<tr>
<td>Pender</td>
<td>Four County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Jones-Onslow Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Perquimans</td>
<td>Albemarle Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Roanoke Electric Cooperative</td>
</tr>
<tr>
<td></td>
<td>Town of Hertford</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td>Person</td>
<td>Piedmont Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
</tbody>
</table>
Pitt    Edgecombe-Martin County Electric Membership Corporation
        Pitt and Greene Electric Membership Corporation
        Town of Ayden
        Town of Farmville
        Town of Fountain
        Town of Washington
        Town of Winterville
        Greenville Utilities Commission
        Progress Energy of the Carolinas
        Dominion North Carolina Power

Polk    Rutherford Electric Membership Corporation
        Broad River Electric Membership Corporation
        Duke Power Company

Randolph    Central Electric Membership Corporation
            EnergyUnited Electric Membership Corporation
            Randolph Electric Membership Corporation
            City of High Point
            Progress Energy of the Carolinas
            Duke Power Company

Richmond    Pee Dee Electric Membership Corporation
            Progress Energy of the Carolinas

Robeson    Brunswick Electric Membership Corporation
            Lumbee River Electric Membership Corporation
            South River Electric Membership Corporation
            City of Lumberton
            Town of Red Springs
            Progress Energy of the Carolinas

Rockingham    EnergyUnited Electric Membership Corporation
              Duke Power Company

Rowan    EnergyUnited Electric Membership Corporation
          Union Power Cooperative
          Duke Power Company
          Town of Landis

Rutherford    Rutherford Electric Membership Corporation
              Town of Bostic
              Town of Forest City
              Broad River Electric Cooperative, Inc.
              Progress Energy of the Carolinas
              Duke Power Company
<table>
<thead>
<tr>
<th>County</th>
<th>Utilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampson</td>
<td>Four County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>South River Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Tri-County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Scotland</td>
<td>Pee Dee Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Lumbee River Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Stanly</td>
<td>Pee Dee Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Union Power Cooperative</td>
</tr>
<tr>
<td></td>
<td>City of Albemarle</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Stokes</td>
<td>EnergyUnited Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Surry-Yadkin Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Surry</td>
<td>Blue Ridge Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Surry-Yadkin Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Swain</td>
<td>Haywood Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Transylvania</td>
<td>Haywood Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Tyrrell</td>
<td>Tideland Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td>Union</td>
<td>Pee Dee Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Union Power Cooperative</td>
</tr>
<tr>
<td></td>
<td>City of Monroe</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Vance</td>
<td>Wake Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Mecklenburg Electric Cooperative</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>County</td>
<td>Utilities</td>
</tr>
<tr>
<td>----------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Wake</td>
<td>Central Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Wake Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Town of Apex</td>
</tr>
<tr>
<td></td>
<td>Town of Wake Forest</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Warren</td>
<td>Halifax Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Mecklenburg Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td>Washington</td>
<td>Tideland Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Dominion North Carolina Power</td>
</tr>
<tr>
<td>Watauga</td>
<td>Blue Ridge Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Mountain Electric Cooperative</td>
</tr>
<tr>
<td></td>
<td>New River Power and Light Company</td>
</tr>
<tr>
<td>Wayne</td>
<td>Pitt and Greene Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>South River Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Tri-County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Town of Fremont</td>
</tr>
<tr>
<td></td>
<td>Town of Pikeville</td>
</tr>
<tr>
<td></td>
<td>Town of Stantonsburg</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
<tr>
<td>Wilkes</td>
<td>Blue Ridge Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>EnergyUnited Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Surry-Yadkin Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Duke Power Company</td>
</tr>
<tr>
<td>Wilson</td>
<td>Edgecombe-Martin County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Pitt and Greene Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Tri-County Electric Membership Corporation</td>
</tr>
<tr>
<td></td>
<td>Town of Black Creek</td>
</tr>
<tr>
<td></td>
<td>Town of Fountain</td>
</tr>
<tr>
<td></td>
<td>Town of Lucama</td>
</tr>
<tr>
<td></td>
<td>Town of Sharpsburg</td>
</tr>
<tr>
<td></td>
<td>City of Wilson</td>
</tr>
<tr>
<td></td>
<td>Town of Stantonsburg</td>
</tr>
<tr>
<td></td>
<td>Progress Energy of the Carolinas</td>
</tr>
</tbody>
</table>
Yadkin

EnergyUnited Electric Membership Corporation
Surry-Yadkin Electric Membership Corporation
Duke Power Company

Yancey

French Broad Electric Membership Corporation
Progress Energy of the Carolinas
TELECOMMUNICATIONS
The Telephone Membership Corporations

Competition and Technology are Driving the Market
Telecommunications Industry Updates

For many years the Telephone Membership Corporations (TMCs) have provided major contributions to the deployment of state-of-the-art communication services to rural areas assuring that citizens who live in rural, high cost areas have reasonably affordable access to communications services. In early years, just after World War II, those efforts were focused on providing traditional telephone service to some of the most rural parts of 26 North Carolina counties. These rural areas were so sparsely populated that investor owned companies declined to provide service to the areas since they were viewed as too risky. Not to be deterred, local citizens organized and formed member owned cooperatives and essentially began to provide service to themselves. As a result, these rural areas, which were without service for most of the first half of the 20th century, were finally given access to the world.

Since that time, the telecommunications industry has experienced and continues to experience constant technological change and challenges. The TMCs are not immune to the economic challenges that all businesses face today and the effects that weaker economy has on those businesses. The telecommunications industry is shifting gears to embrace IP (Internet Protocol) platforms for switching and transport and this fundamental technological change will forever alter the landscape of communications. Ushered in with this technological change has been the advent of a myriad of communications platforms which include Skype, Vonage, magic jack and a host of other services. This is the new age of wired communication via the internet and wireless companies have been extremely successful in the communications marketplace. Today, texting and wireless communications in general have taken center stage for the preferred means of communications and all of these changes have taken a significant toll on the TMCs which is evidenced by the total reduction in their access lines.

The TMCs continue to invest in the network that serves their customers and the communities with the best of connected communications and they continue to deploy fiber optics and advanced means of communications daily. The TMCs continue to invest in Fiber Transport networks that give them the ability to provide fiber optic connectivity to the wireless provider towers in order for the wireless providers to provision their advanced 4G services. Such services cannot be provided via microwave technologies on a dependable basis due to bandwidth constraints which makes the cooperatives’ infrastructure invaluable in the most insular rural areas. The TMCs continue to explore new technologies as they evolve and implement those technologies to the customers as the market demands and they are offering cutting edge services such as internet access, both dial-up and broadband, either through DSL or licensed spectrum wireless, digital cable telephone and IPTV service along with DVR capability as well as high-definition programming which puts customers on the cutting edge of technology and service. The eight North Carolina TMCs have an outstanding record of bringing state-of-the-art communications services to the rural areas that they serve. In fact, high-speed Internet is available to all TMC members and customer utilization of those services on a percentage basis is similar to that of customers in urban areas. Notwithstanding these successes, however, the TMCs continue to face challenges such as loss of access lines, the reductions in long distance service and access charge revenues, the continued push for the implementation of technological innovations and the further deployments of fiber-to-the-home and IPTV services.
A docket was established by the North Carolina Utilities Commission that introduced the possibility of a universal service fund for North Carolina which will impact the TMCs. Prior to the deregulation of long distance service, universal service had, to an extent, been subsidized by traditional, higher priced, long distance charges that were divided among providers through a system known as separations and settlements. With the competition of long distance service, this approach to universal service is no longer feasible and a system of switched access charges was adopted at both the federal and state levels and switched access charges were established at levels sufficient to maintain existing support for universal service. Federal switched access charges have been modified to remove implicit support initially recovered through switched access charges and replace it with explicit universal service support mechanisms such as subscriber line charges. A final order will be issued by the Commission at a later date to determine the future of access charges and a possible universal service fund for North Carolina.

There has also been activity at the FCC in respect to changes to universal service and the commitment to connect all Americans to communications services. On October 27, 2011, the FCC voted unanimously to comprehensively reform its Universal Service Fund and intercarrier compensation systems. The FCC stated that efforts to expand high-speed internet to rural America over the next six years will increase economic growth by an estimated $50 billion over that period. These reforms created a Connect America Fund which will hopefully put America on the path to universal broadband and advanced mobile coverage without increasing costs to consumers. Upon final approval, this reform should provide:

- Increased consumer benefits by expanding broadband access;
- A commitment to fiscal responsibility which should help protect consumers from increased contribution fees to the Fund;
- Demand accountability which will require carriers to demonstrate they are deploying broadband to their customers;
- Encourage deployment of modern networks which will hopefully ensure fairness to consumers, promote competition and foster innovation in communications services and
- Lastly, the Order will take immediate action to end wasteful and costly gaming of the intercarrier system including schemes such as phantom traffic and traffic pumping.

The competitive pressures from wireless providers, cable television providers and other local competitors are impacting rural TMCs just as they are impacting more urban telephone companies. The difference is that rural TMCs do not have the large volumes of customers or, with few exceptions, access to wireless spectrum that helps larger companies offset competitive losses. In the intervening years, technology has changed rapidly but the economics of serving rural areas are more challenging than ever. Today, state-of-the-art connectivity is defined not by a basic telephone that can access the local operator but by broadband services that connect rural consumers to the Internet at speeds that are equivalent to access provided to consumers that live in urban areas. The TMCs will continue to strive to provide high quality service with the best and most innovative services available because they know that is what their rural customers expect and deserve.
KEY DATA AND ACTIVITIES TRACKED BY THE AUTHORITY

Number/Type of Inquiries, Growth Trends, Revenues, and Loan Applications
## MEMBER INQUIRIES TO THE AUTHORITY

**Total Number of Inquiries by Type**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable TV</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Charges</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Deposit</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Disconnects</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>High Bill</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Internet Service</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Outages</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Payment Arrangements</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Right of Way</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Service</td>
<td>5</td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Number Portability</td>
<td>2</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>19</strong></td>
<td><strong>9</strong></td>
<td><strong>7</strong></td>
<td><strong>2</strong></td>
<td><strong>6</strong></td>
</tr>
</tbody>
</table>

Numbers are listed by fiscal year (July 1\(^{st}\) – June 30\(^{th}\)
The communications industry remains a dynamic market with many new products and service options encompassing multiple technologies and platforms. As the above chart demonstrates, access lines have decreased considerably over the last six years and that line loss continues to be a concern for the North Carolina TMCs. Reports show that wireless subscriptions continue to increase and at least some of the decline in TMC residential access lines is attributable to wireless substitution as well as competitive offerings from other local providers. Some other services that are replacing traditional landline service include Voice Over Internet Protocol Service (VOIP) and SKYPE. It is expected that technology and competitive wireless telephone pricing will continue to erode the need for landline phones in the residential marketplace. To offset the declining landline revenues, telephone cooperatives have expanded their programs and expertise to offer landline bundles (residential and business packages), which include DSL, cable TV service, wireless, surveillance and home security, computer networking and computer repair businesses.
## INDIVIDUAL CORPORATION STATISTICS

### ACCESS LINE DATA BY CORPORATION

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>TOTAL ROUTE MILES</th>
<th>SUBSCRIBERS PER MILE</th>
<th>OPERATING REVENUES PER SUBSCRIBER</th>
<th>NET INCOME PER SUBSCRIBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATLANTIC TELEPHONE</td>
<td>4,171.29</td>
<td>13.02</td>
<td>703.90</td>
<td>19.79</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RANDOLPH TELEPHONE</td>
<td>2,441</td>
<td>3.57</td>
<td>847.15</td>
<td>332.56</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SKYLINE TELEPHONE</td>
<td>5,926</td>
<td>5.48</td>
<td>776.13</td>
<td>162.44</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAR TELEPHONE</td>
<td>4,555</td>
<td>3.32</td>
<td>926.21</td>
<td>101.05</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SURRY TELEPHONE</td>
<td>3,599.49</td>
<td>4.02</td>
<td>767.79</td>
<td>225.24</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRI-COUNTY TELEPHONE</td>
<td>721</td>
<td>3.75</td>
<td>830.09</td>
<td>139.38</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WILKES TELEPHONE</td>
<td>2,501.52</td>
<td>3.74</td>
<td>1,662.63</td>
<td>213.76</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YADKIN VALLEY TELEPHONE</td>
<td>1,629.4</td>
<td>0.077</td>
<td>786</td>
<td>139</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Data extracted from RUS Form 479 for year ending 2011*
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>LOCAL SERVICE REVENUES</th>
<th>TOLL SERVICE REVENUES</th>
<th>NET OPERATING REVENUES</th>
<th>RUS FUNDS ADVANCED</th>
<th>NET WORTH % OF TOTAL ASSETS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATLANTIC TELEPHONE</td>
<td>7,933,672</td>
<td>13,989,014</td>
<td>24,494,216</td>
<td>0</td>
<td>63.42</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RANDOLPH TELEPHONE</td>
<td>2,596,684</td>
<td>4,737,823</td>
<td>7,581,984</td>
<td>0</td>
<td>91.51</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SKYLINE TELEPHONE</td>
<td>7,648,140</td>
<td>13,223,328</td>
<td>25,214,855</td>
<td>0</td>
<td>75.41</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAR TELEPHONE MEMBERSHIP</td>
<td>4,277,848</td>
<td>9,195,753</td>
<td>14,004,324</td>
<td>3,411,978</td>
<td>55.33</td>
</tr>
<tr>
<td>CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SURRY TELEPHONE MEMBERSHIP</td>
<td>3,345,253</td>
<td>5,581,323</td>
<td>11,103,018</td>
<td>0</td>
<td>72.61</td>
</tr>
<tr>
<td>CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRI-COUNTY TELEPHONE</td>
<td>858,673</td>
<td>1,230,649</td>
<td>2,242,916</td>
<td>656,377</td>
<td>15.61</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WILKES TELEPHONE MEMBERSHIP</td>
<td>2,544,890</td>
<td>12,867,584</td>
<td>15,572,201</td>
<td>7,052,349</td>
<td>60.07</td>
</tr>
<tr>
<td>CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YADKIN VALLEY TELEPHONE</td>
<td>6,398,434</td>
<td>135,725</td>
<td>2,965,997</td>
<td>2,128,161</td>
<td>71</td>
</tr>
<tr>
<td>MEMBERSHIP CORPORATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Data extracted from RUS Form 479 for Year Ending 2011
Purpose Of Rural Utilities Service

Utility services are the foundation of rural infrastructure. Reliable and affordable telecommunications, electric, water and waste treatment services can help rural areas expand economic opportunities and improve the quality of life for rural residents. The Rural Utilities Service (RUS) is a policy, planning and lending agency with the USDA who has been an advocate for rural consumers, as well as a lender that supports the construction and deployment of modern utility infrastructure throughout rural America for over 75 years. The RUS, USDA and the Federal Communications Commission (FCC) have a shared mission to ensure that all Americans enjoy the benefits of modern telecommunications technologies and a history of working together to advance that goal. RUS has gained great insight into the economics of providing safe, reliable, and affordable utilities service through the administration of its loan and grant programs.

RUS finances telecommunications infrastructure under two titles of the Rural Electrification Act. Title II of the Act is the basis for the traditional Telecommunications Program that started financing telephone service in 1949, but today lends for broadband infrastructure. RUS grant and loan programs are among the few sources of affordable financing available to small, rural independent providers and tribally-owned entities. The RUS maintains a strong technology neutral policy across its telecommunications and broadband loan and grant programs and encourages all borrowers to build the most efficient systems needed to meet consumer demand. The RUS Telecommunications Infrastructure and Broadband Loan programs have financed telecommunications and broadband network construction to some of the most remote and economically distressed regions of the country. The Broadband Loan Program targets rural communities, while the traditional Telecommunications Program targets high cost service areas, including very high cost regions beyond communities. The typical RUS borrower and grantee operate in markets with extremely low population density, often high unemployment rates, an aging workforce, and challenging topography. In telecommunications, RUS financing is dependent on sufficient, specific, and predictable revenues. Universal Service Fund (USF) support and Intercarrier Compensation (ICC) revenues are among the factors evaluated in virtually every RUS loan. The RUS finances fundamental infrastructure systems that are vital to the economic growth and sustainability of rural communities and RUS has a goal to expand broadband deployment and adoption throughout America.

The North Carolina Telephone Membership Corporations have requested approval for loans from the NCREA which total more than $216 million since 1977.
Administration And Staff

RURAL UTILITIES SERVICE

U. S. Department of Agriculture
1400 Independence Avenue, SW
Washington, D. C. 20250-1599

Jon Padalino,        Jonathan Claffey
Acting Administrator      Acting Assistant Administrator -
Telephone: (202) 720-9540     Telecommunications Program
Telephone: (202) 720-9544

SOUTHERN DIVISION – TELECOMMUNICATIONS PROGRAM

Shawn B. Arner      Vacant, Chief
Director, Southern Division     Operations Branch-Southern Div.
Telephone: (202) 720-0800     Telephone: (202) 720-0803

Randall Millhiser, Field Staff Branch Chief
Southern Division
Telephone: (202) 720-0806

Sami Zarour, Chief
Engineering Branch-Southern Div
(202) 720-0806

FIELD REPRESENTATIVE

Patrick D. Carey
Public Utilities Specialist/General Field Representative
P. O. Box 5347
Mooresville, NC  28117
Telephone: (704) 896-8402

OFFICE OF THE GENERAL COUNSEL

Deputy Asst. General Counsel
Telephone Division
Telephone: (202) 720-6540

Asst. General Counsel
Electric & Telephone Divisions
Telephone: (202) 720-2764
TELEPHONE MEMBERSHIP CORPORATIONS

With Telecommunication Systems in North Carolina
Telephone Membership Corporation

Atlantic Telephone Membership Corporation

Mailing Address
P.O. Box 3198
Shallotte, NC 28459

www.atmc.net

Phone
(910)755-1603

Key Staff
Lyle Ray King, Board President
Allen Russ, Chief Executive Officer and General Manager
Roger Cox, Chief Financial Officer
Patricia Olsen, Vice President – Marketing & Customer Service
Russell Green, Vice President – Human Resources
Clint Berry, Vice President – Network Operations
Steve Long, Vice President – Plant Operations
Keith Holden, Vice President – Information Services

Annual Meeting: October

County Served: Brunswick

Current and Future Plans

Our co-operative spirit has helped to make high-speed Internet access available to over 99% of our customers. We offer 6.0 M service throughout our serving area and offer much higher speed Internet services in those areas we serve with fiber optic lines.

ATMC began deploying services using fiber-to-the-Home (FTTH) technology as early as 2005. ATMC was the first company in North Carolina to be certified by the FTTH Council. Even now, there are only 60 companies nationwide certified by the FTTH Council. ATMC has deployed fiber optics in more than 45 residential and commercial developments in Brunswick County over the past 6 years.

Brunswick County is often referred to as a community of small businesses. ATMC is committed to serving the needs of those businesses. We offer business-class broadband service as well as carrier Ethernet services. Recently we added an IT Support service which allows a small business to take advantage of professional-level IT services without the overhead costs of an IT professional.
ATMC and its subsidiaries remain committed to serving the communications needs of Brunswick County. We now offer five key services to our customers – telephone, cable TV, high-speed Internet, wireless and alarm monitoring. We will continue to grow and expand our services to meet the needs of our membership.
Randolph Telephone Membership Corporation

Mailing Address
3733 Old Cox Road
Asheboro, N.C. 27205

Phone   Fax
(336) 879-5684    (336) 879-7912

Key Staff
Frankie L. Cagle, General Manager
Wm. Joe Allen, President
Dianne C. Tanner, Financial Director
Jean Thaxton, Regulatory Director
Glenn Garner, Plant Manager
Aaryn Slafky, Marketing/Communications Director

Annual Meeting:  Second Saturday in August

Counties Served:  Randolph, Chatham, Moore, Davidson, Montgomery

Current and Future Plans

In 1999, RTMC established the subsidiary Randolph Telephone Telecommunications, Inc. (RTTI), and it began operations to provide competitive 1+long distance service. In 1999, the 10,000th access line was installed. RTMC also operates Uwharrie Communications, Inc., a cable TV company in the Badin Lake area.

In 2001, RTMC started offering DSL service to its customers. All customers have access to DSL today. In 2006, RTMC began offering cellular phone services and camera surveillance systems as well as online bill payment and bill view. In 2009, RTMC began offering MyTV over its DSL facilities, offering a choice in television entertainment.

RTMC is continually upgrading its facilities to provide the most technological advanced products and services to its members.
Skyline Telephone Membership Corporation

Mailing Address:
P.O. Box 759
West Jefferson, NC  28694

www.skyline.org

Phone
336-877-3111   Fax 336-877-2020

Key Staff
Jimmy Blevins, Chief Executive Officer
Kim Shepherd, Executive Director of Customer Operations
Steven Hardin, Executive Director of Corporate Operations

Annual Meeting:  Last Saturday in September

Counties Served:  Ashe, Avery, Alleghany, Watauga

Current and Future Plans

SkyLine marked its 60th year as a cooperative in 2011, and its commitment to providing advanced and affordable telecommunications services to its members is as strong today as it was in 1951.

In 2010, SkyLine was awarded a $29 million grant/loan from the Rural Utilities Service through the National Broadband Plan to expand fiber-to-the-premise (FTTP) services to 25 communities in three of the five counties it serves in northwest North Carolina and east Tennessee. The three-year project will include 889 miles of buried and aerial fiber construction, and provide capabilities of offering broadband speeds of 20 Mbps or higher to more than 7,000 households, businesses and anchor institutions. This project is helping to accelerate the co-op’s timeline for fiber deployment, which was first announced in late 2004 to overbuild the co-op’s entire service area with FTTP technology. FTTP has allowed SkyLine to expand its broadband platform and to introduce digital television service to its members/subscribers.

In 2011, SkyLine joined with its affiliate Carolina West Wireless and Surry and Wilkes Telephone Membership Corporations to establish Clear Stream Communications, LLC. The establishment of Clear Stream will help to advance 4G wireless deployment to areas of western North Carolina through its participation in Verizon’s LTE (Long-Term Evolution) in Rural America Program. Clear Stream will lease Verizon’s 700 MHz upper C block wireless spectrum and provide tower and backhaul assets to build and operate a 4G LTE network.
Star Telephone Membership Corporation

Mailing Address
P.O. Box 348
Clinton, NC 28329

Phone        Fax
(910) 564-4194   (910) 564-4199

Key Staff
Lyman M. Horne, Executive Vice-President & General Manager
Jeff Nethercutt, VP Corporate Operations
Clark D. Honeycutt, VP Operations
Phoebe McGavock, VP Human Resources
M. Suzan Daly, VP Customer Service Operations
Kyle W. Randleman, VP Sales and Business Operations
Michael Steed, VP Competitive and Subsidiary Operations

Annual Meeting: Second Saturday in November

Counties Served: Bladen, Columbus, Cumberland, Duplin, Sampson

Current and Future Plans

Star Telephone is in the developing stages of overbuilding our current outside facilities to fiber. This project, better known as Fiber to the Home (FTTH), will provide the future needs of our fast-growing technological industry. In its infancy, this project is providing fiber-to-the-home in limited areas. This is an ongoing long-term project that will eventually replace copper to the home; therefore, providing broader bandwidth for high-speed Internet and IPTV with high definition capabilities.

As a good neighbor, Star Telephone is a corporate sponsor of the American Cancer Society’s Relay for Life, the United Way and our local chamber of commerce. We also support community recreation leagues and various school-related projects. Through its scholarship program, Star Telephone provides scholarships to deserving students who reside in its service area and attend Sampson Community College or Bladen Community College.

Nothing makes the Star family of companies shine brighter than its employees and board members. Even with the most modern equipment available, the real “backbone” of the company remains the men and women who give their very best. Star’s employees live in the communities they serve, which makes Star proud of its motto, “Neighbors Serving Neighbors”.
Surry Telephone Membership Corporation

Mailing Address
P.O. Box 385
Dobson, N.C. 27017

Phone     Fax
(336) 374-5021   (336) 374-5031

Key Staff
Curtis R. Taylor, Chief Executive Officer
Amy R. Hanson, Chief Operating Officer
Brenda Goad, Commercial Manager
Richie Parker, Chief Engineer
Melanie Senter, Marketing Manager
Mike Lawson, Plant Manager
Scott Mosley, Network Manager

Annual Meeting:  Third Saturday in March

Counties Served:  Surry, Stokes

Current and Future Plans

Today, with 50 plus employees, Surry TMC serves over 25,000 members and customers with Traditional Landline, High Speed Internet, IPTV, Wireless, Home Networking and Fiber to the Home (FTTH). A top priority at Surry TMC is the focus on Information Technology. Through acquiring personnel with IT backgrounds and experience and retraining their current staff in these areas, Surry plans to have the best-of-the-best serving their customers. In addition to serving customers with superior service, Surry TMC is committed to the communities they serve through involvement by their management and staff and sponsorships that help assist communities. Surry TMC has worked to collect and distribute school supplies, canned food, and toys during annual events. Additionally, Surry TMC helped to raise funds for the Leukemia and Lymphoma Society. Surry TMC is proud to be a part of the communities they serve and hope to better these areas through their involvement and the technology they offer.

As growth in the rural areas and towns continues to be modest short-term and in efforts to remain profitable, Surry TMC has adjusted the work force to compensate for declining access lines. Demand for cutting-edge services is anticipated and the Cooperative plans to meet those demands by providing the services where sound economics prove feasible and financing resources are available.

Through the years, Surry has continued to grow their market area and increase their service options. During the first quarter of 2005 Surry Telephone agreed to act as general management for Piedmont Telephone, thus providing accounting, engineering and purchasing for Piedmont to be effective April 1, 2005. The arrangement continued through 2007 at which time studies
indicated a redundancy in work functions being performed by both companies. Also, the prevalence of competition entering the telecommunication industry required resources to be utilized at maximum efficiency. A study and search began for an arrangement that would create these efficiencies while being mutually beneficial to members of both cooperatives.

In 2008, the Boards of Directors for both Surry Telephone and Piedmont Telephone agreed to pursue plans to merge the two companies. During board meetings in September of 2008 the proposed Position for Merger and Articles of Merger were considered and approved by each board separately. The proposal included a January 1, 2009 merger date with the surviving name of the merged companies to be Surry Telephone Membership Cooperation.

As the pace of technological advancements continues to hasten, the management team and staff at Surry Telephone are committed to remaining at the forefront of the marketplace. For more information on Surry Telephone, please visit online at www.surry.net
Tri County Telephone Membership Corporation

Mailing Address
P.O. Box 520
Belhaven, N.C. 27810

Phone: (252)-964-8000
Fax: (252) 964-2211

Key Staff
Gregory S. Coltrain, Chief Operating Officer
Teresa E. Whitney, Accounting Manager
Teresa Raupe, Marketing and Media Relations Manager
Melinda Jackson, Commercial Manager
Martha Neal, Customer Care Supervisor
Cecil Walker, Plant Manager

Annual Meeting: Second Thursday in May

Counties Served: Beaufort, Hyde, Washington

Current and Future Plans

Like most telephone companies, TriCounty has experienced declined access line growth during recent years, partly due to DSL broadband technology which allows voice and data to travel on the same line. However, new residential subdivisions are under development in the area, and TriCounty anticipates new growth in those areas. TriCounty continues to expand wireless broadband service to unserved and underserved areas.

With the transition of broadcast television from analog to digital transmissions and the demand for more video services by consumers, TriCounty began to look at the ways the cable television system could meet these demands. As a company with limited bandwidth, TriCounty could continue to operate as usual based upon the FCC exemptions granted to small operators. However, TriCounty has always tried to offer its rural customers the same services enjoyed by residents of more populated areas. With this ideal in mind, TriCounty launched an upgrade to the cable television system, converting to an all-digital headend. The more efficient use of bandwidth allows for added channels, including High Definition channels, an interactive on-screen program guide and DVR service.

Being knowledgeable and prepared for change is very important for TriCounty’s future, so its management, board of directors and employees actively participate in telecommunications seminars and state and national organizations to stay informed of advances and changes that are shaping the industry.
Wilkes Telephone Membership Corporation

Mailing Address
1400 River Street
Wilkesboro, N.C. 28697-2108

Phone       Fax
(336) 973-3103    (336) 973-9041

Key Staff
Jimmie Church, President
Eric Cramer, CEO / General Manager
George Roark, Network Engineering Manager
Jody Call, Networks Operations Manager
Debbie Johnson, Executive Assistant/HR Generalists

Annual Meeting: October

Counties Served: Wilkes

Current and Future Plans

Today, the co-op serves more than 8,100 single party access lines, over 950 business lines, has four central offices, 85 remote switches, and is upgrading from a four-exchange DCO switch and EWSD host to tandem system to an all IP backbone and access network and with an integrated soft-switch. Wilkes Telecommunications was adopted as the trade name of Wilkes Telephone Membership Corporation in 2001 to better reflect the wide range of services now offered. Wilkes Telecommunications and its subsidiary Wilkes Communications are continuously working to stay on top of the latest technologies and upgrades, to better serve its communities. Wilkes offers a variety of services, including local and long distance voice, dial-up and high speed Internet, digital television with high definition channels and DVR, security and fire monitoring, business phone systems, directory advertising and wireless networking. Wilkes is approximately 60% complete in an over build of its existing ILEC service area with a Fiber-To-The-Home (FTTH) deployment. Wilkes also operates an all fiber optic and fixed wireless based CLEC expansion into the remainder of Wilkes County currently serving over 900 lines which are primarily business customers in the towns of Wilkesboro and North Wilkesboro.

Wilkes Telecommunications was awarded the Excellence In Business Award by the Chamber of Commerce for 2005, and the Duke Energy Citizen and Service Award in 2010.
Yadkin Valley Telephone Membership Corporation

Mailing Address
P.O. Box 368
Yadkinville, N.C. 27055

Phone
(336) 463-5022

Fax
(336) 463-5005

Key Staff
Bobby G. Cranfill, President
Mitzie S. Branon, General Manager
Scott G. Rudolph, Asst. General Manager
David Williams, Controller
David Nance, Customer Service and Sales Manager
Mark Campbell, Engineering Manager
John Mathews, Plant Manager

Annual Meeting: April

Counties Served: Alexander, Davie, Iredell, Rowan, Wilkes, Yadkin

Current and Future Plans

In 1997, the Cooperative established a wholly owned subsidiary company called Yadkin Valley Telecom, Inc. This is a for-profit company engaged in providing all non-regulated services to both Yadkin Valley Members and customers who are not members. It provides residential telephones and in-house wiring, Internet access, wireless service, voicemail, long distance, and digital TV. In 2002, a Competitive Local Exchange Carrier (CLEC) operation was established as a part of the Telecom operation.

In 1998, the Cooperative established another subsidiary company called The Data Center, Inc. This company performs data processing services for other small telecommunications companies. Products offered include customer records management, financial packages, and carrier access billing. Services offered include directory publishing, bill rendering, carrier access billing, and CMRS billing. In 2010, a new division “Yadtel Networks” was set up as another product offering. This division provides converged business solutions for data and voice networks.

In 2006, the Cooperative ordered the materials to begin a Fiber-to-the-Home build out project. By July 2008, the first customers were serviced by fiber. The goal of the cooperative is to eventually provide Fiber-to-the-Home to the entire serving area. As of mid 2010, about 42% of the total structures in the serving area have fiber available. Services provided over fiber include high-speed internet up to 12 Mbps, voice services, and Internet Protocol Television (IPTV).
STATEWIDE ORGANIZATIONS

Strength in Numbers
The Carolina-Virginias Telephone Membership Association, Inc. (CVTMA) was incorporated on May 27, 1957 as a non-profit, tri-state trade association for the rural telephone companies in North Carolina, Virginia and West Virginia. The mission of the association (CVTMA) is to provide education and dissemination of information to managers and directors of member companies.

CVTMA's membership is comprised of the rural telephone companies in North Carolina, Virginia and West Virginia, as well as businesses (associate members) that provide goods and services to the telecommunications industry.

5910 Clyde Rhyne Drive
Sanford, NC 27330
Phone: (919) 708-5004
Fax: (919) 708-5226
Executive Vice President: Carole Woodward woodward@nctia.org
Website: www.cvtma.org
Carolina-Virginia Telephone Membership Association, Inc.

5910 Clyde Rhyne Drive
Sanford, North Carolina 27330
Telephone: 919-708-5004   Fax: 919-708-5226

2011-2013
OFFICERS

Lisa W. Epperley, President
Pembroke Telephone Cooperative
Pembroke, Virginia

Jimmie M. Church, Vice President
Wilkes TMC
Wilkesboro, North Carolina

Lyman M. Horne, Secretary-Treasurer
Star TMC
Clinton, North Carolina

John Kilgore,
Assistant Secretary-Treasurer
Scott County Telephone Cooperative
Gate City, Virginia

Carole Woodward
Executive Vice President
5910 Clyde Rhyne Drive
Sanford, North Carolina 27330

The Secretary of State of North Carolina chartered the Association on May 27, 1957. The tri-state Association represents rural telephone cooperatives in North Carolina, Virginia, and West Virginia.

2011 – 2013
BOARD OF DIRECTORS

Allen Russ, Atlantic TMC
Douglas Hawes, Atlantic TMC
Mickey Sims, Buggs Island
Joyce Wilson, Buggs Island
Greg Sapp, Citizens
Melvin Gearhart, Citizens
Scott Sherman, Hardy
Phyllis Cook, Hardy
Lisa Epperley, Pembroke
Leon Law, Pembroke
Frankie Cagle, Randolph TMC
William Joe Allen, Randolph TMC
William Franklin, Scott County

John Kilgore, Scott County
Jimmy Blevins, Skyline TMC
R. C. Mitchell, Skyline TMC
Lyman Horne, Star TMC
Robert Hester, Star TMC
Curtis Taylor, Surry TMC
Gary Brown, Surry TMC
Gregory S. Coltrain, Tri-County TMC
Frank Waters, Tri-County TMC
Eric Cramer, Wilkes TMC
Jimmie Church, Wilkes TMC
Mitzie Branon, Yadkin Valley TMC
Homer J. Creed, Yadkin Valley TMC
North Carolina Telephone Cooperative Coalition

CarolinaLink, the trade name for the North Carolina Telephone Cooperative Coalition, was organized to bring more public awareness to the efforts made by North Carolina's telephone membership corporations (TMCs) to provide modern communications services to rural areas. In addition, CarolinaLink assists member companies in advocating public policy goals that will assure the rural areas continue to have the same state of the art communications services available in urban areas at reasonably comparable prices.

Address:
1514 Glenwood Avenue
Suite 200
Raleigh, NC 27608

info@carolink.org – (919)838-0529

Web Site: www.CarolinaLink.org

The members of CarolinaLink providing these state of the art services and the towns for their headquarters are listed below:

- Atlantic Telephone Membership Corporation, Shallotte
- Randolph Telephone Membership Corporation, Asheboro
- SkyLine Telephone Membership Corporation, West Jefferson
- Star Telephone Membership Corporation, Clinton
- Surry Telephone Membership Corporation, Dobson
- Tri-County Telephone Membership Corporation; Belhaven
- Wilkes Telephone Membership Corporation d/b/a Wilkes Telecommunications, Wilkesboro
- Yadkin Valley Telephone Membership Corporation, Yadkinville
North Carolina Telecommunications Industry Association, Inc.

5910 Clyde Rhyne Drive
Sanford, North Carolina 27330
Telephone: (919) 708-7464 • Fax (919) 708-5226

The North Carolina Telecommunications Industry Association (NCTIA) is a trade organization established in 1932 representing carriers who are certified by the North Carolina Utilities Commission (NCUC) that provide telecommunications services in North Carolina. The NCTIA also represents the eight Telephone Membership Corporations who provide service to rural customers throughout North Carolina and the Association also serves over 150 vendors and industry suppliers.

The mission of this organization is to promote a pro-business environment in North Carolina that will provide each member company the opportunity to meet customer expectations while achieving operational efficiency and financial success.

2013 OFFICERS

Mitzie Branon, Chairperson of the Board
Yadkin Valley TMC
P. O. Box 368
Yadkinville, NC 27055

Stan Pace, Chairperson Elect
Frontier Communications
P. O. Box 1412, NC 103107
Durham, NC 27702

Eric Cramer, Vice Chairman
Wilkes TMC
1400 River Street
Wilkesboro, NC 28697-2108

Jim Meade, Treasurer
TDS Telecom
10025 Investment drive, Suite 200
Knoxville TN 37932

2013 DIRECTORS

Allen Russ, Atlantic TMC
Gary Creech, Pineville Telephone
Frankie Cagle, Randolph TMC

Rob Smith, AT&T North Carolina
Jimmy Blevins, Skyline TMC

Laura Sykora, CenturyLink
Lyman Horne, Star TMC

Tom Brady, Ciena
Curtis Taylor, Surry TMC

(Associate Member Board Representative)
Greg Lunsford, Comporium Communications
Greg Coltrain, TriCounty Telecom

Dan M. Bennett, Ellerbe Telephone
Bettye Willis, Windstream

Royster Tucker, III, North State Communications

Contact: Carole Woodward, President/CEO
Web Site: www.nctia.org

112
LOCAL EXCHANGE COMPANIES SERVING NORTH CAROLINA

A Comprehensive Listing
Incumbent Local Exchange Companies

Barnardsville Telephone Company, d/b/a TDS Telecom
BellSouth Telecommunications, LLC d/b/a AT&T North Carolina
Carolina Telephone and Telegraph Company, LLC d/b/a CenturyLink
Central Telephone Company, d/b/a CenturyLink
Citizens Telephone Company d/b/a Comporium
Ellerbe Telephone Company
Frontier Communications of the Carolinas, Inc.
MEBTEL, Inc., d/b/a CenturyLink
North State Telephone Company d/b/a North State Communications
Town of Pineville d/b/a Pineville Telephone Company
Saluda Mountain Telephone Company d/b/a TDS Telecom
Service Telephone Company d/b/a TDS Telecom
Verizon South, Inc.
Windstream Concord Telephone, Inc.
Windstream Lexcom Communications, Inc.
Windstream North Carolina, LLC