

Everyday electrical miracles

One of the most satisfying things about working for an electric cooperative is that you can see electricity continually improving the quality of people's lives. It's especially exciting to be a part of introducing new technologies that help people do things better, faster and cheaper.

There are, of course, a lot of old technologies that are so essential to our everyday lives that we take them for granted, like light bulbs, washing machines and TVs. Even fairly recent electric technology such as computers, DVD players and recorders are becoming routine.

Electric cooperatives are staying on the "cutting edge" by promoting products that are energy-efficient, cost-effective and environmentally friendly. These products save consumers money, save natural resources and cut down on emissions and pollutants.

One such technology that comes to mind is the microwave clothes dryer. This type dryer will dry clothes faster, saving energy, and will

be gentler on the clothes so they don't wear out as fast.

Electric lawn-mowers have been greatly improved, offering many advantages over gasoline-powered mowers. Innovations in electric cars and fuel cells are bringing other transportation options closer to reality. More efficient motors and other electrical processes are saving

industry millions of dollars a year.

Each of these ideas seem small, but like all of the different electrical devices we use, they add up to a more productive and enjoyable life.

It's also no small matter that these advances help put our local and national economies in a stronger position to compete in the global marketplace.

Electricity truly is a modern miracle that makes other modern miracles possible. It's brought to you by Pickwick Electric Cooperative, and we are constantly working to find ways to make your life even better.



Karl Dudley
President
Pickwick Electric
Cooperative
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Pickwick Electric Cooperative

Serving members in all of McNairy County and portions of Chester, Hardeman and Hardin counties in Tennessee and Alcorn and Tishomingo counties in Mississippi



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These five pages contain local news and information for members of Pickwick Electric Cooperative.

Employees recognized for years of service

Thirteen cooperative employees recently were presented service awards in recognition of their years of employment.

These employees have a combined total of 195

years of service, which represents the experience and expertise that contributes greatly to the success of the cooperative. PEC President Karl Dudley made the presentations to these employees.



From left: Trent Chandler, five years; Phillip Burns, five years; Stacy Dancer, five years; Jeanie Montgomery, five years; and PEC President Karl Dudley.



From left: Scotty Ashe, 10 years; Clyde Garrison, 20 years; Maynard Smith, 10 years; and PEC President Karl Dudley.



From left: Darren Smith, 15 years; Mike Harris, 20 years; Keith Taylor, 20 years; Jimmy Dickey, 20 years; and PEC President Karl Dudley.



From left: Larry Gage, 35 years; Morris Carothers, 25 years; and PEC President Karl Dudley.



Stay away from downed electrical power lines—they can be dangerous. Touching a fallen or sagging wire can cause a strong shock that may seriously injure or kill you. So never attempt to move downed lines. That's our job.

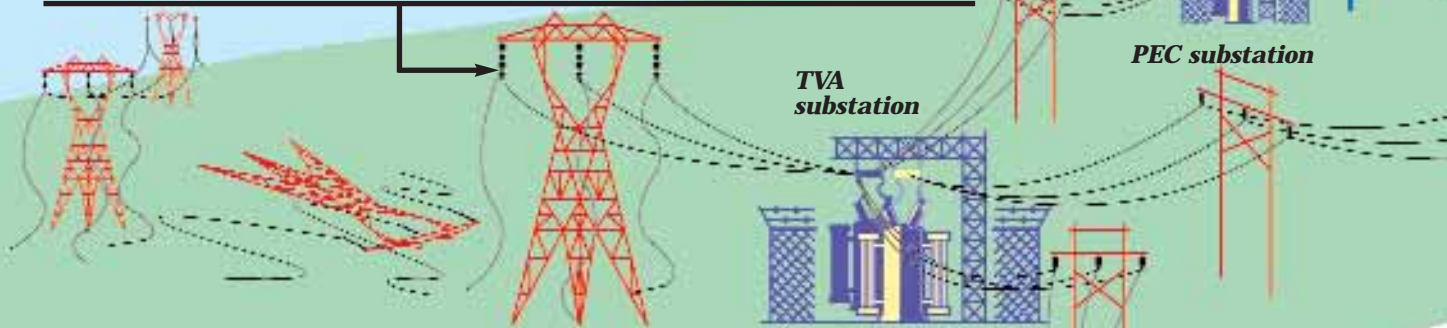


After a major power outage

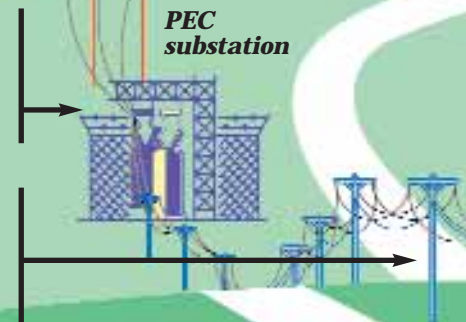
The Steps to Restoring Power

Illustration by Katherine Fowler

Step 1. Tennessee Valley Authority transmission towers and lines supply power to one or more transmission substations. These lines seldom fail, but they can be damaged by a buildup of snow and ice or by a tornado. Tens of thousands of people could be served by one high-voltage transmission line, so if there is damage here it gets attention first.



Step 2. Pickwick Electric Cooperative has several local distribution substations, each serving thousands of consumers. When a major outage occurs, PEC's distribution substations are checked first. A problem here could be caused by failure in the transmission system supplying the substation. If the problem can be corrected at the substation level, power may be restored to a large number of people.



Step 3. Main distribution supply lines are checked next if the problem cannot be isolated at the substation. These supply lines carry electricity away from the substation to a group of consumers, such as a town or housing development. When power is restored at this stage, all consumers served by this supply line could see the lights come on, as long as there is no problem farther down the line.

Snowstorms, ice storms and tornadoes. Pickwick Electric Cooperative members have seen them all. And with such severe weather come power outages. Restoring power after a major outage is a big job that involves much more than simply throwing a switch or removing a tree from a line.

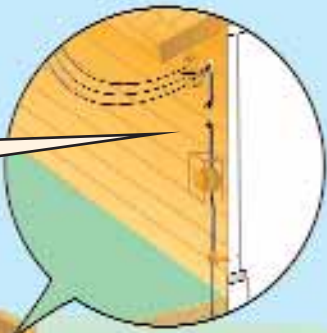
The main goal is to restore power safely to the greatest number of members in the shortest time possible.

The major cause of outages is damage caused by fallen trees. That's why PEC has an ongoing right-of-way maintenance program.

This illustration explains how power typically is restored after a major disaster.

Reprinted from *Carolina Country*, the magazine of the North Carolina Association of Electric Cooperatives

Area enlarged: Consumers themselves (not PEC) are responsible for damage to the service installation on the building. PEC can't fix this. Call a licensed electrician.



Step 5. Sometimes, damage will occur on the service line between your house and the transformer on the nearby pole. This can explain why you have no power when your neighbor does. PEC needs to know you have an outage here so a service crew can repair it.

Tap Line

During a major outage, other cooperatives send line crews to assist PEC with restoring power. These additional crews, as well as communications equipment and supplies, are coordinated through the cooperatives' statewide organization.

Other co-ops

PEC substation

Step 4. The final supply lines, called tap lines, carry power to the utility poles or underground transformers outside houses or other buildings. Line crews fix the remaining outages based on restoring service to the greatest number of consumers.

Report your outage to your local office. Employees or response services use every available phone line to receive your outage reports. Remember that a major outage can affect thousands of other members. PEC appreciates your patience.

PEC local office

Tap Line

Individual households may receive special attention if loss of electricity affects life support systems or poses another immediate danger. If you or a family member depends on life support, call your local office before an emergency arises.

DANGER!
Stay clear of fallen lines.

Cooperative appreciates cards

Pickwick Electric Cooperative would like to express appreciation for the beautiful Christmas cards received from these cooperative members and friends.

Farmers and Merchants Bank
 City of Michie
 Winfred and Alice Browder
 McWhorter & Franklin Engineering
 Alvine Boyd
 Local 474 IBEW
 Law Offices of Terry Abernathy
 Youth Town of Tennessee
 Work & Greer, PC
 Uticom Systems, Inc.
 Carl and Virginia Crabb
 SMC Recycling, Inc.
 Mary Frances Wright
 Pat and Helen Montgomery
 Cumberland EMC
 Tri-County EMC
 TVPPA, Inc.
 Fayetteville Public Utilities
 Torco Testing Services, Inc.
 Service Electric Company
 Caney Fork Electric Cooperative
 Utility Equipment Services
 Bobby and Teresa Stanford
 R. A. Phillips
 Williams, Jerrolds, Godwin &
 Nichols PLLC
 Alcorn County Electric Power Asso.
 Utility Solutions LLC
 Ledbetter, Corner & Associates
 Mid South Credit Bureau
 Tennessee Valley Electric
 Cooperative
 Inman Brothers Wrecker Service
 Jerry Sweat
 McNairy County Mayor's Office
 Bob and Connie Thomas
 Central Services Association
 Junell Moore
 Jerry Clausel
 Jerald and Shirley Casteel
 Dennie and Barbara Kiser
 Chattanooga EPB
 Health Partners, Work Partners &
 Employer Services
 C. H. Guernsey's Company
 Bobby and Lorena Browder
 Fort Loudon Electric Cooperative
 Utilicor
 Central Bank
 Tennessee Electric Cooperative
 Association
 Pennyrile Electric

Bobby and Shirley Johnson
 Patterson & Dewar Engineers, Inc.
 Grace Broadcasting
 Environmental Protection Agency
 Paris Board of Public Utilities
 United Parcel Service
 Tennessee Job Training & Safety
 Program
 Volunteer Energy Cooperative
 Paducah Power System
 Better Source Supply
 Fisher & Arnold, Inc.
 Harold and Frankie Finley
 Stanberry & Associates
 Kenneth and Brenda Wrenn
 David Elliot Co., Inc.
 Electric Power Services, Inc.
 Powell Valley Electric Cooperative
 Tennessee Valley Authority
 Middle Tennessee EMC
 Hunt Technologies, Inc.
 Teen Challenge of Memphis
 United Utility Supply
 Maudene Dancer
 National Rural Utilities
 Cooperative Finance Corporation
 Jeannie Sloan
 Plateau Electric Cooperative
 Owen and Jeanell Qualls
 Duck River EMC
 Appalachian Electric Cooperative
 Baldwin Pole & Piling Co., Inc.
 Hal Womble
 John Williams
 The Stephen Lee Family
 McNairy Co. Health & Rehab Ctr.
 Carolyn, Dennis and Danny Cotner
 Robert and Dortha Williams
 Carquest of Adamsville
 Barbara Martin
 McNairy Co. Adult Education Ctr.
 McNairy County Assessor's Office
 Bill and Betty Rickman
 Dora Riley
 Earl and Joan Wilbanks
 Jerry and Billie Jarrett
 John J. Aertker Jr. Co.
 Davis Elliot Co., Inc.
 Hopkinsville Electric System
 Don and Nevella Smith
 Gibson Electric Membership Corp.
 Converge

Sideview Partners, Johnny Haynes
 Wesco
 Younger Associates
 Holston Electric Cooperative
 Ellis Brothers Office Supplies
 Ramer Wood Products
 Mountain Electric Cooperative
 James Franks
 Engineered Plastics of Pickwick Inc.
 Allie Maness
 Allen & Hoshall
 Napa Auto Parts
 David Hatch
 Opal Canaday
 Humboldt Utilities
 Community South, Selmer
 Lonnie Garner
 Mary English and kids
 T. C. Kennedy
 Kenny, Rhonda and Courtney
 Lambert
 National Rural Electric
 Cooperative Association
 Louise C. Burns
 Upper Cumberland EMC
The Jackson Sun
 Bill and Brenda Beavers
 Joe and Donna King
 Bart and Pam Gladish
 Bertha Treece
 Pole Maintenance Company
 Robert and Jane Taylor
 SunGard
 Carl Ledbetter
 Southwest Tennessee Electric
 Membership Corporation
 TP Utility Services
 Southern Wood Preserving
 Blue Cross/Blue Sheild of Tennessee
 Ellis Anderson and family
 EDS Pay Team
 Billy and Dava Hurst
 Mrs. Billy Baker
 Leon and Eyvonne Maness
 Grand Harbor Condominiums and
 Marina
 Hurst & Sons, Inc.
 Radix Corporation
 CFC Member Center
 Southern Electric Corporation