

Cumberland Electric Membership Corporation

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Cheatham Co., Vice President

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At Large, Secretary-Treasurer

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Mission Statement

Cumberland Electric Membership Corporation is committed to providing dependable, affordable electric service through the expertise and dedication of competent leadership and a well-trained and responsive workforce.

AS I SEE IT

Manager's Viewpoint

Is America ready for the electric car?

Much buzz surrounded the 2011 release of electric vehicles by two prominent automakers. The Chevrolet Volt and the Nissan Leaf were hailed as “the-future-is-now” cars that would usher in a new era of energy independence and technological innovation for the U.S.

One question I hear a lot about electric cars is their effect on the environment. Because you plug them in just like any other appliance — creating more work for power plants — will we really prevent carbon emissions? According to the Electric Power Research Institute, a Palo Alto, Calif.-based consortium, the short answer is yes. Despite the extra load, various airborne emissions will decline with the onset of electric cars. Each region of the country will see reductions in greenhouse gas emissions over several decades, thanks in part to technologies that decrease carbon dioxide emissions from power plants. In addition, electric cars could actually help electric cooperatives if consumers plug them in at night — that helps the system run more efficiently because power costs and demand are at their lowest.

However, the costs may still be prohibitive for most Americans. The Cooperative Research Network estimates that payback in terms

of gasoline savings would take about a decade (depending on your driving habits). And if you want the car to charge quickly (instead of the usual four to eight hours or so with a regular 110-volt outlet), you'll have to install a higher-voltage outlet at your home. Besides the cost of having the 220 V outlet installed — which one cooperative wholesale power provider estimates to be about \$2,000 — your home's wiring may need to be updated to accommodate it. The costs add up.

Whether an electric car suits you also depends on your lifestyle, how much you drive and whether you want your vehicle to have fancy amenities that use more electricity.

Cities across the country are attempting to do their part — electric vehicle charging stations are springing up at various locations here and there. But barriers, including cost, limited driving range on a charge and easy access to chargers, still inhibit widespread use.



Jim Coode
General Manager
Cumberland Electric
Membership
Corporation



Energy Efficiency

Tip of the Month

Water-heating ranks as one of the top three energy-related expenses in your home. Save energy and money by installing a water heater blanket, using low-flow showerheads and faucets and lowering the thermostat on your water heater to 120 degrees. Learn more at EnergySavers.gov.

Source: U.S. Department of Energy

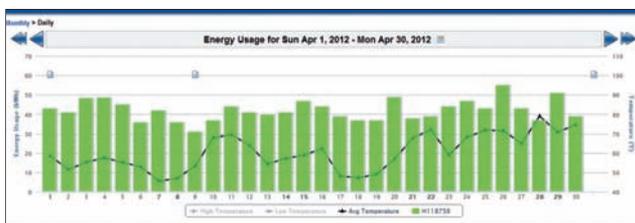
How much electricity do you use each day?

By Beau Baggett, CEMC billing coordinator



The old adage that “knowledge is power” has probably never been more true than it is today. The world grows increasingly more complex with each passing year, and the more information we have available on which to base our decisions, the better. This is true when making large purchases, evaluating employment options or even monitoring our electricity use. With that in mind, Cumberland Electric Membership Corporation is proud to introduce a way for you to monitor and take control of your electric use.

CEMC’s new Meter Data Management (MDM) system has many unique tools available to provide you with personalized use information and analysis. For example, a graphical display of daily use and temperature information is available and updated each day with the most recent meter data. Now, you can keep track of how your use is accumulating throughout the month and have a good estimate of your bill amount based on that use. This daily information also provides you with an opportunity to curtail any excess use in order to save on monthly electric bills. In



addition, daily temperature data help you see how changes in weather can greatly impact your energy consumption.

Another feature of MDM is an interactive bill comparison tool. You can compare any two bills, side-by-side, to view similarities or differences in total use, charges, number of days or average temperatures. This tool can be used to compare the current month’s bill with the previous

month or with the same month last year. These comparisons allow you to see if your use is consistent over time or if it spikes during certain times of the year, which may be avoidable with minimal effort.

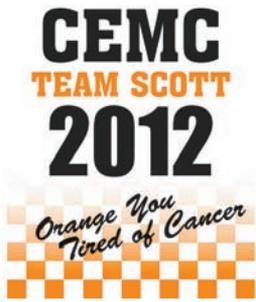


In addition to monitoring daily use and comparing monthly bills, you can also create “energy markers” specific to your household. For example, you can place an energy marker on your account signifying the date you installed high-efficiency lightbulbs, powered up the seasonal pool pump or when family was visiting from out of town. By creating these markers, you can proactively measure the results of any household changes and see how those changes impact your energy use.

All of these new features are available now to CEMC’s membership. To access these useful tools, simply visit www.cemc.org and click the “My Account Login” icon at the top of the page. As a first-time user, you will need your CEMC account number and will be prompted to register. Once logged in, select the “Usage & Billing Analysis” link, and you’re ready to start taking advantage of all that MDM has to offer. MDM will give you the opportunity to take control of your monthly electric costs through access to daily meter information and analysis tools. Check it out today!

For more information on MDM, visit www.cemc.org or give us a call at 1-800-987-2362.

Power team brings electricity to Relay



Cumberland Electric Membership Corporation employees joined forces with the American Cancer Society's Relay for Life to raise money and awareness for the fight against cancer.

"Team Scott," organized in memory of co-worker Scott Shelton, who recently lost his battle with cancer, participated in the 2012 Relay For Life of Montgomery County on Friday, May 18. The team raised money through the sale of concessions and tickets for inflatables and train rides at the overnight event. Another big hit was the Womanless Beauty Contest in which CEMC's contestant took home the crown by collecting \$372 in tips in just 45 minutes!

Prior to the event, funds were raised through T-shirt sales, a company-wide cornhole tournament and a donation drive. The combined efforts brought in a grand total of \$4,477.98!



Team Scott serves up concessions to a crowd of attendees at the 2012 Montgomery County Relay for Life.



Young relayers take a break from activities to enjoy a train ride around the relay track.

43rd Tennessee-Kentucky Threshermen's Association Threshing Show in Adams

Friday and Saturday, July 20 and 21

- Steam engines
- Antique tractors
- Wheat-threshing
- Sawmilling
- Antique gas and diesel engines
- Tractor pulls
- Arts and crafts
- Live music



Sponsored in part by



Admission: \$6 per adult, children 10 and under FREE

Gates open at 8 a.m. with FREE PARKING

www.adamstennessee.com

Correction

In June's issue of *The Tennessee Magazine*, the names of Washington Youth Tour winner Hannah Phillips' parents were listed incorrectly. Hannah



Hannah Phillips

is the daughter of Jeff Phillips and Stacey Stone of White House.

CEMC regrets the mistake and sincerely apologizes for the oversight.

July 31 deadline for CEMC board candidates

The first step for anyone wishing to serve on Cumberland Electric Membership Corporation's board of directors is to submit a petition signed by at least 15 CEMC members. The petition must be turned in by July 31, which is 60 days prior to the 2012 CEMC Annual Membership Meeting to be held Saturday, Sept. 29, at White House Heritage High School.

An election will be held for the following director positions: South Stewart County, North Robertson County and North Sumner County.

Anyone with a valid membership in good standing as of July 31 can vote in the 2012 director elections. Anyone applying for membership after July 31 will not be eligible to vote in this year's elections but can attend the meeting and register for prizes.

(CEMC Bylaws Article 3 — Section 3.05)

Watt's your story?

Cumberland Electric Membership Corporation will celebrate 75 years in 2013. In preparation for this milestone, we are gathering members' stories of when power first came to their homes or businesses. Your story may be a fond memory told by a family member who shared the experience with you.

While 2013 seems like a long time off, we need the time to organize the entries and possibly to come visit you for a photo to go with your story.

We are looking forward to receiving your story about how electric power changed the lives of your family 75 years ago! Contact the Member Services Department at 800-987-2362.

Click your way to home energy savings

What's the real story behind your home's energy use? After all, you try to conserve ... switch out your light-bulbs and those three TVs can't use much energy, can they?

Now you can obtain these answers and more with a couple of clicks of your computer mouse.

The HomeEnergyCalculator on our website at www.cemc.org offers our residential customers a complete analysis of their energy use based on information they provide about their homes.

On our home page, select "Energy Tips," then simply open the calculator and select from, "I am interested in viewing a comprehensive report of my energy usage," "Where are my energy dollars going?" "What are some no-cost or low-cost recommendations for my home to lower my energy costs?" or "I want to run a custom comparison."

With simple and fun navigation, you indicate the home's square footage, age, number of occupants and a few other variables. You also indicate the types of appliances you have, windows, even TVs (yes, it makes a difference!). The analytic "engine" behind the calculator — which is used by

500 utilities nationwide — factors in local energy rates and weather data. Within seconds a colorful pie chart appears to show what portion of your monthly bill went for heating, cooling, water-heating, lighting — and those TVs.

HomeEnergyCalculator lets you model various scenarios like adjusting heating or cooling settings, tightening up the home by reducing air leaks, adding insulation or installing storm windows. You can also preview the cost-saving actions or investments that would fit your budget.

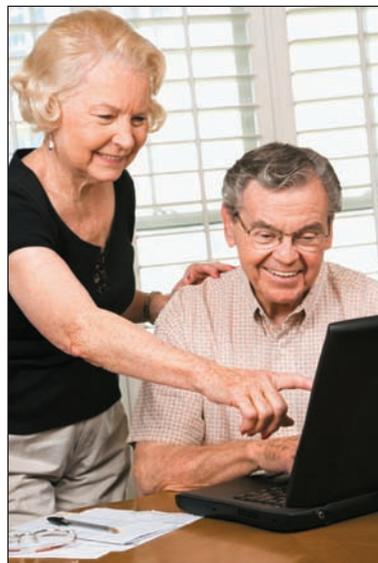
The calculation takes less than 10 minutes. It's free and available 24/7.

The calculator on CEMC's website is the latest-generation home energy application available. The tool meshes perfectly with the needs of today's consumers who are super-attuned to their role in controlling energy use.

So, if you'd like a compelling, at-a-glance plan for how to save energy at home, HomeEnergyCalculator is for you.

Armed with its onscreen information,

you and your family can compare the energy efficiency options available. It's one more way we're working to help customers manage their energy costs.



CEMC's energy calculator is a quick and easy way to manage your monthly energy use. Visit www.cemc.org to start saving today!

Political success lies in grassroots

Approximately 50 electric co-op directors, managers and staff from across Tennessee traveled to Washington, D.C., to participate in the National Rural Electric Cooperative Association Grassroots Summit and Legislative Conference April 30-May 2. Attendees met with legislative staff to help them better understand electric cooperatives and the issues that impact co-ops and their members.

General Manager Jim Coode, Financial Services Manager Michael Batson and Executive Assistant Kim Head as well as board members Wes Aymett, Steve Douglass, Shela Williams and Board President Joe Whitaker represented Cumberland Electric at this year's legislative conference. "Decisions made in Washington affect our co-op and our co-op members," said

Coode. "We have an obligation to our members to see that their voice is heard."

Electric cooperatives maintain an active presence in the nation's capital to be certain that the interests of co-op members are protected. "Our electric cooperatives are private, not-for-profit utilities, and the decisions made by elected officials can affect co-op members in big ways," says David Callis, general manager of the Tennessee Electric Cooperative Association. "It is important that legislators understand the impact their decisions will have on our co-ops' ability to provide safe, reliable and affordable energy."

While the nation's budget will be the focus of most activity in Washington, co-op representatives stressed the importance of affordable energy. Three specific pieces of

legislation have the potential to increase the price co-op members pay for power:

- Energy Secretary Steven Chu has proposed major changes to the nation's four power marketing administrations (PMAs), affecting more than 600 electric cooperatives in 34 states. NRECA is concerned that this will

increase costs for electric consumers and taxpayers and unfairly target rural consumers with regional energy taxes. Co-op representatives urge members of Congress to preserve the power marketing administrations.

- Coal Combustion Residuals, also called CCRs or coal ash, are remnants of burning coal to generate energy. CCRs are currently used to build roads and manufacture concrete, but a proposed rule from the Environmental



Standing at left, Joe Whitaker, left, and Steve Douglass, along with Kim Head, seated at left, are among those who represented CEMC at NRECA's Grassroots Summit and Legislative Conference.

"Decisions made in Washington affect our co-op and our co-op members. We have an obligation to our members to see that their voice is heard."

*General Manager
Jim Coode*

Protection Agency would label CCRs as hazardous material. This would prevent CCRs from being used in other industries and greatly increase the cost of disposal. Lawmakers are urged to ensure that CCRs maintain the nonhazardous designation.

- The Rural Utilities Service is a source of low-interest loan money to help rural co-ops build and maintain infrastructure. Even though the loan fund returns more than \$300 million in interest to the federal government each year, it is the target of proposed budget cuts. Co-op leaders urge Tennessee lawmakers to vote to fully fund the Rural Utilities Service.

"The impact of co-op members coming to talk with their legislators is huge," said Callis. "Educated and informed officials are key to low-cost, reliable power in Tennessee."