

Mitchell EMC



The news
you need to
know in
5 minutes!

CAMILLA, GEORGIA
www.mitchellemc.com

What is Beneficial Electrification?

By **Tony Tucker, President/CEO**

If you're like most Americans, you're interested in saving money on energy costs and in doing your part to help the environment. But wouldn't it be great if you could do both? Well, you can! It's through a concept called "beneficial electrification." This utility industry

term means the innovations in energy technologies are creating new ways to use electricity instead of on-site fossil fuels, such as propane, natural gas and fuel oil, in a way that reduces overall emissions and energy costs.

In essence, by virtue of being plugged into the grid, the environmental performance of electric devices improves over time.

As Mitchell EMC and other utilities shift to more options that include renewable energy sources to make existing generation technologies cleaner, electricity will require less fossil fuel per kilowatt-hour of energy produced.

So, here's how this concept impacts you. It means that electric appliances such as your water heater, clothes dryer, oven and even your lawn care equipment have the potential to become greener. When Mitchell EMC takes advantage of advances in technology and the market at the generation point (how the electricity is produced), it means those efficiencies are inherently passed along to you, the consumer-member.

Electricity is getting cleaner.

Because large appliances have a typical lifespan of about 10 years, it means that you are able to benefit from the flexibility of the grid in addition to the increased efficiency of the particular appliance. In other words, the high efficiency electric oven you have today could be powered by renewable sources in the near future. This would not be the case with gas appliances where you are essentially locked into

the technology of that gas appliance for the 10-year lifespan.

As Mitchell EMC is able to tap into more renewable options in the future, your electric appliance has the potential to become greener and more energy efficient. The only way you would be able to benefit from this trend is through an electric appliance.

Small steps to help the environment

For consumers and homeowners looking for more environmentally-friendly options, choosing electric appliances, tools and cars over those powered by fossil fuels is an easy solution. Whether through electric lawn mowers, blowers and weed whackers (plug-in or rechargeable) or through electric water heaters and other appliances, beneficial electrification is a means to reducing greenhouse gases and helping our environment. It can also translate into a better quality of life. For example, when you can trade the loud rumble of a gas-powered mower or blower for the quiet efficiency of electric versions, you eliminate the exhaust emissions and the unpleasant noise.

How we're doing our part to help the environment

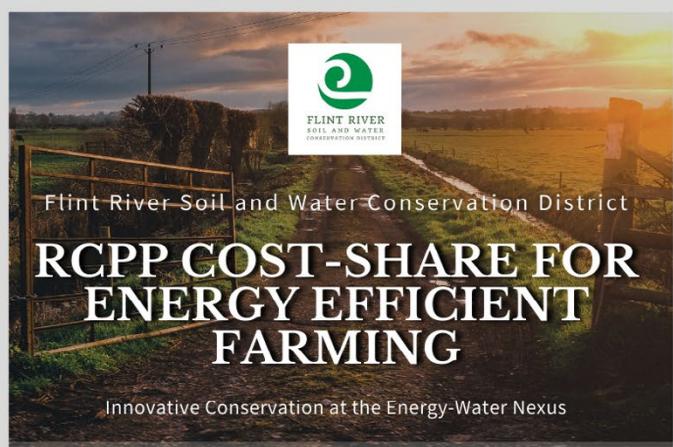
As the overall energy sector continues to evolve, Mitchell EMC is striving to take advantage of the advances in technology and the opportunities of the market as they become available. This means Mitchell EMC can leverage the flexibility of the grid to offer a wider range of renewable power selections as we continue to bring safe, reliable and affordable power to our community.

We care about our community because we live here too. I hope you'll reach out to Mitchell EMC, your trusted energy partner, to discuss available renewable energy options and to learn about more ways to reduce your energy use. Because when you participate in the energy efficiency programs and incentives we offer, you're doing your part to save energy and better our environment. While each member's reduction might be small, together, they can lead to significant savings of money and emissions. And that means a brighter future for all of us.

84th Annual Meeting of the Members of Mitchell EMC

The 84th Annual Meeting of the Members of Mitchell EMC on Friday, April 16, 2021, at the EMC headquarters in Camilla. This will be conducted as a drive-in meeting. Registration will take place in your automobile as you drive-in. The meeting will be broadcasted over your radio. More details will follow soon.

Save \$\$\$ with energy efficient farming



Implementing just one of many conservation practices can save thousands of dollars a year in expenses and resources. The Flint River Soil and Water Conservation District has partnered with the Natural Resource Conservation Service (NRCS) to offer cost-share for implementing practices that encourage water and energy efficiency on farms throughout South Georgia. Farmers and landowners are able to submit applications through their local NRCS office for conservation practices including diesel to electric engine conversion, micro-irrigation systems, and pivot retrofits. NRCS will pay a predetermined portion of the cost of the practice after implementation. For more information on RCPP and to keep up with the Flint River Soil and Water Conservation District, contact the district RCPP manager Vanessa Merriweather at vanessa@flintriverswcd.org or visit flintriverswcd.org.

COMBUSTION SYSTEM IMPROVEMENT

Replacing agricultural combustion systems and/or related components and devices

Combustion system improvement is an upgrade to the system that reduces energy usage, while also improving air quality

IRRIGATION WATER MANAGEMENT

Determining and controlling the volume, frequency, and application rate of irrigation water

Monitoring water use in conjunction with the crop's peak growing season increases irrigation efficiency while decreasing water usage for optimal crop yields.

IRRIGATION SYSTEM, MICRO-IRRIGATION

An irrigation system for frequent application of small quantities of water on or below the soil surface

Quickly and uniformly get water to the roots of the plant to maximize growth and minimize erosion potential

SPRINKLER SYSTEM

Applies water by means of nozzles operated under pressure.

This practice is used to improve plant productivity, health, and vigor by reducing the likelihood of evaporation as water is transported from the system to the plant.

DID YOU KNOW THAT YOU CAN...?

Learn about this RCPP cost-share opportunity and other NRCS programs

1. Contact your local field office.
2. Meet with an NRCS representative about your land's needs.
3. Complete the ten question application.

For more information, visit www.flintriverswcd.org or contact the RCPP program manager, Vanessa Merriweather, at vanessa@flintriverswcd.org.

ENERGY EFFICIENT FARMING:

Conservation at the Energy-Water Nexus

20% The amount of irrigation water wasted through inefficient watering per year

The amount of possible annual savings from diesel to electric pump conversion **~\$3,000**

For more info, visit www.flintriverswcd.org or contact Vanessa Merriweather at vanessa@flintriverswcd.org

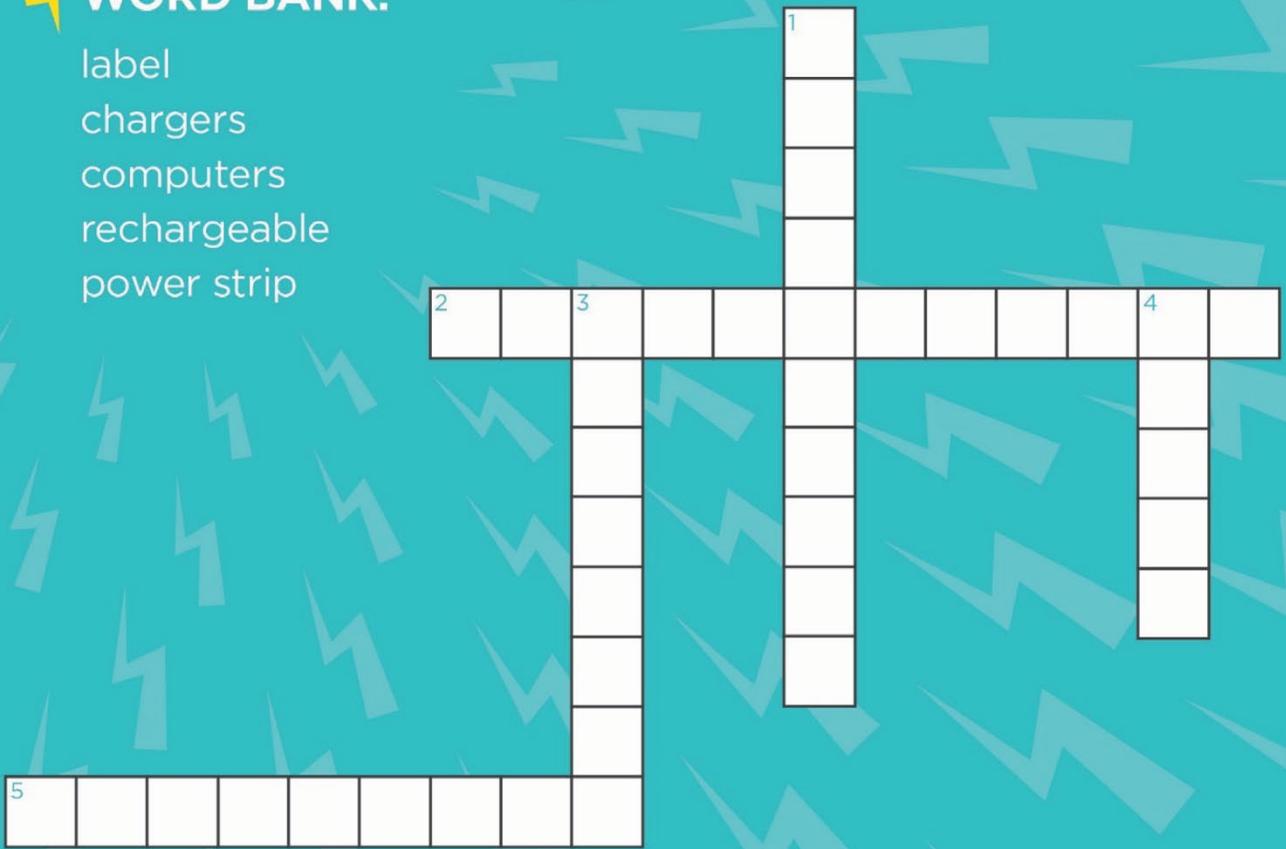
ELECTRONICS EFFICIENCY CROSSWORD PUZZLE



Did you know there are ways you can reduce your electronics energy use? Complete the crossword puzzle below to learn about electronics efficiency.

WORD BANK:

- label
- chargers
- computers
- rechargeable
- power strip



1 DOWN: Use a _____ with an on/off switch when powering multiple electronics to easily manage energy use.

2 ACROSS: For devices that require batteries, use _____ ones, which are more cost-effective and environmentally friendly.

3 DOWN: Unplug electronic products, like _____, when you're not using them.

4 DOWN: Electronics that include the ENERGY STAR® _____ are the most energy efficient.

5 ACROSS: Many _____ come with a sleep mode or power management feature, which can save \$30 on annual energy costs.

Serving in 14 Southwest Georgia Counties...

5 STEPS FOR SAFE DIGGING

Working on an outdoor project? Always call 8-1-1 first, because you never know what's below. Here are five easy steps for safe digging:

Source: call811.com

1. NOTIFY

Call 8-1-1 or make a request online two to three days before you start.



2. WAIT

Wait two to three days for a response to your request. Affected utilities will send a locator to mark any underground utility lines.



3. CONFIRM

Confirm that all affected utilities have responded by comparing the markers to the list of utilities the 8-1-1 call center notified.



4. RESPECT

Respect the markers provided by the affected utilities. They are your guide for the duration of your project.



5. DIG CAREFULLY

If you can't avoid digging near the markers (within 18-24 inches on all sides, depending on state laws), consider moving your project.



DAYLIGHT SAVING TIME REMINDER

Don't forget to spring forward on **March 14!**

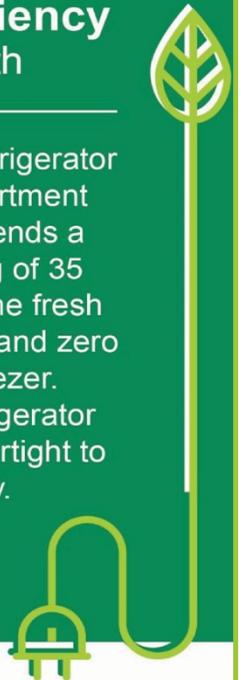
Set your clocks forward by one hour.



Energy Efficiency Tip of the Month

Don't keep your refrigerator too cold. The Department of Energy recommends a temperature setting of 35 to 38 degrees for the fresh food compartment and zero degrees for the freezer. Make sure the refrigerator doors are sealed airtight to maximize efficiency.

Source: www.energy.gov



Note: If you move or no longer have electric service with Mitchell EMC, it is important that members keep their address current, so that future disbursements can be properly mailed. Capital credits are reserved for members even if they move out of the Mitchell EMC service area. Mitchell EMC will make a diligent effort to send a check by mail.

Statement of Equal Employment Opportunity

All applicants for employment shall be considered and hired on the basis of merit, without regard to race, color, religion, sex (including pregnancy), age, national origin, disability, genetic information, or past or present military status. The employment practices shall ensure equal treatment of all employees, without discrimination as to promotion, discharge, rates of pay, fringe benefits, job training, classification, referral, and other aspects of employment, on the basis of race, color, religion, sex (including pregnancy), national origin, disability, age, genetic information, or past or present military status. M/F/V/DV/D



WATT'S COOKING



Elegant Key Lime Pie

Ingredients:

Graham Cracker Crust

- 1 cup finely ground graham cracker crumbs
- ¼ cup sugar
- 5 tablespoons melted butter
- ¼ cup crushed cashews

Filling

- ¾ cup sugar
- ½ cup key lime juice, plus 2 tablespoons
- 1 envelope unflavored gelatin
- 1 (14 oz) can sweetened condensed milk
- 1 teaspoon lime zest
- 2 ½ cups whipping cream, whipped

Directions:

Heat the sugar and ½ cup lime juice until sugar dissolves. Set aside. Sprinkle gelatin over the 2 tablespoons lime juice, stir, and let stand 3 minutes. Add gelatin mixture to sugar/juice mixture, stirring until gelatin dissolves. Add condensed milk and lime zest. When mixture is cool, fold in whipped cream. Pour over the crust. Cover and chill 8 hours. Garnish with zest, if desired.

**Submitted By: Emily Donnelly,
Mitchell County.**

Share & Win!

Send us your favorite quick and easy dinner recipes. If your recipe is chosen for print, you can win a

\$25 credit

on your next Mitchell EMC bill.

Send recipes to: Heather Greene, P.O. Box 409, Camilla, GA 31730 or email to heather.greene@mitchellemc.com.