



Line Items

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WHAT'S THE SCOOP ON ELECTRIC VEHICLES?

As an electric provider, this is a question that we receive on a normal basis. If you own a tv, radio, or smart phone, you have heard the hype about electric vehicles and know there is a huge push for car manufacturers to go fully electric in coming years. As your Cooperative, we want our members to make informed decisions when purchasing an electric vehicle and have an idea of what you can expect from owning an electric vehicle (EV).

Rapidly advancing technology has allowed for a significant amount of expansion of the electric vehicle industry in recent years. While many drawbacks of EVs are gone, there is still a major concern limiting EV growth dubbed “range anxiety.” This anxiety stems from the limited range of EVs in comparison to traditional gas or diesel-powered vehicles. The average range of an electric vehicle today is around 250 miles on a single charge, which is more than enough to accommodate the majority of people during their normal daily commutes without the need to stop for a charge.

For the situations where the max range of the vehicle will be exceeded, chances are there will be a charging station near your route. There are currently over 43,000 charging stations in the United States with more being built every day. While stopping at a charging station may sound like a very time-consuming chore, certain electric vehicles paired with a fast charger can charge up to 200 miles in as little as 15 minutes.

For normal day-to-day charging, residential charging equipment is mounted in your garage or outside your home. Many drivers will be able to meet their daily driving range requirements using a Level 1 charging system that uses a typical 120 V outlet. Level 1 chargers can replenish 2-5 miles of range per one hour of charging. For drivers with less regular schedules or a longer commute, Level 2 charging equipment can be installed. Level 2 equipment offers charging through the use of a 240 V electrical service, which is available in most homes and charges at a rate of 10-20 miles of range per one hour of charging.

Reduced maintenance costs are another plus for electric vehicles. EVs typically require less maintenance than conventional vehicles because: the battery, motor, and associated electronics require little to no regular maintenance; there are fewer fluids, such as engine oil; brake wear is significantly reduced due to regenerative braking; and there are fewer moving parts compared to a gas or diesel engine.

All in all, electric vehicles have come a long way in recent years and continue to improve in almost every category. The performance is great, costs are coming down, ranges are extending, “re-fueling” is cheaper, maintenance costs are minimal, they are better for the environment, and they are just fun to drive. If you are in the market for a new vehicle, it may be in your best interest to go electric!



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When Your Power is Off – Call (912) 685-2115 or (912) 764-2123

When your power goes off, don't stay in the dark longer than you have to. To restore your power as quickly as possible, we need your correct phone number. Your phone number is the quickest way for us to locate your home or business when you call to report an outage.

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Between the Lines

by
Greg Proctor
President/CEO

Beneficial Electrification

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?

You can, through a concept called "beneficial electrification." This utility industry term refers to innovations in energy technologies that are creating new ways to use electricity to power devices that would otherwise burn fossil fuels like gasoline, diesel, fuel oil, or propane in a way that reduces overall emissions and energy costs.

By virtue of being plugged into the grid, the environmental performance of electric devices improves over time. As Excelsior 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.

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

Because large appliances typically last about 10 years, you can 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 Excelsior 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 to benefit from this trend is through an electric appliance.

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 trimmers (plug-in or rechargeable) or through electric water heaters and other appliances, beneficial electrification reduces greenhouse gases and helps our environment.

As the energy sector continues to evolve, Excelsior EMC is striving to take advantage of advances in technology and the opportunities of the market as they become available. This means Excelsior 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. While each member's reduction might be small, together they can lead to significant savings of money and emissions. That means a brighter future for all of us.



Every Member Counts

THINKING OF GOING SOLAR?

As an electric cooperative, Excelsior EMC exists to serve our members. One such service is education regarding electric service.

We have noticed an increase in advertising from solar marketers in our area. Excelsior EMC works with its members to install solar panels at their home or business to offset their electric usage. However, we do not partner with or endorse any solar company. We encourage our members to research their energy usage and calculate break-even and payback for solar investments independent from marketer's claims.



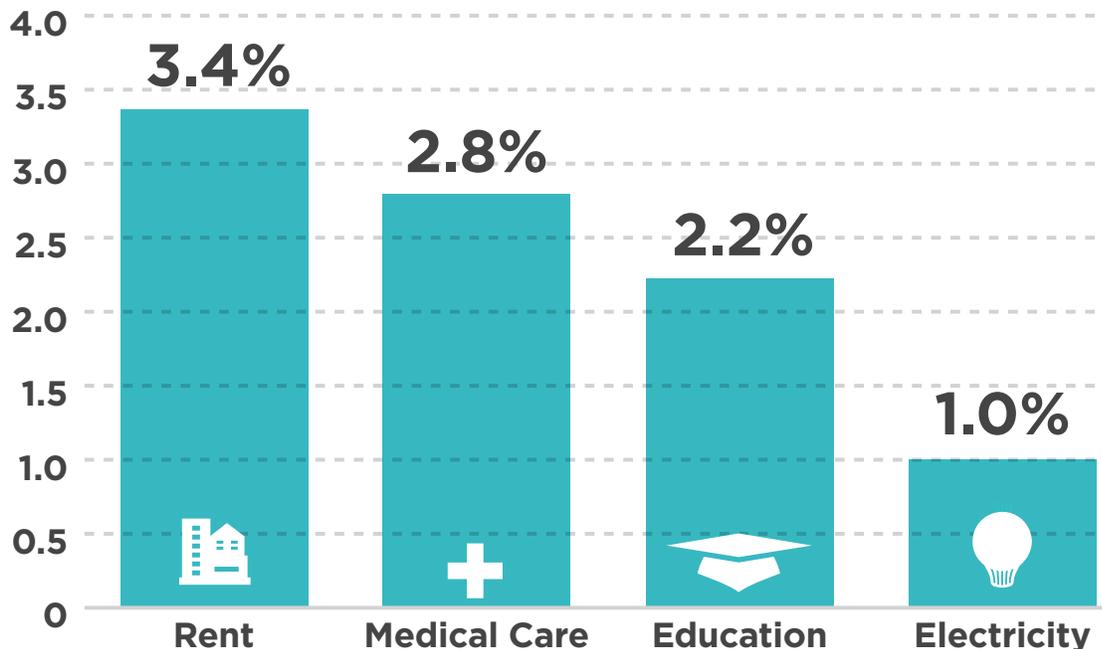
Excelsior EMC strives to deliver low-cost reliable electric energy. The Summer 2021 Georgia Public Service Commission's Residential Rate Survey shows that Excelsior EMC is the lowest cost provider at the 1,000 kWh, 1,500 kWh and 2,000 kWh levels of any EMC in the state.

ELECTRICITY REMAINS A GOOD VALUE

The cost of powering your home rises slowly when compared to other common expenses. Looking at price increases over the last five years, it's easy to see electricity remains a good value!

Average Annual Price Increase 2015-2020

Percent



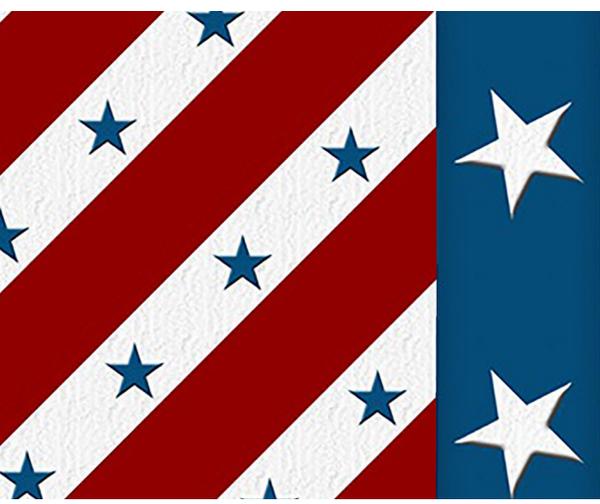
Sources: U.S. Bureau of Labor Statistics
Consumer Price Index



HARVEST SAFETY TIP

Consider equipment and cargo extensions of your machine. Lumber, hay, tree limbs, irrigation pipe and even bulk materials can conduct electricity, so keep them out of contact with electrical equipment.

Local farmer Miles Patterson climbs out of the cab of his sprayer to check for clearance as he approaches a three-phase power line.



In observation of **Labor Day**

**Our offices will be closed
Monday, September 6, 2021**

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