



Line Items

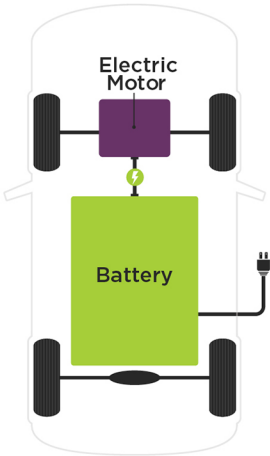
The Official
Newsletter
Of Excelsior EMC

December 2024 • Vol. 45, No. 10

EV BUYER'S GUIDE

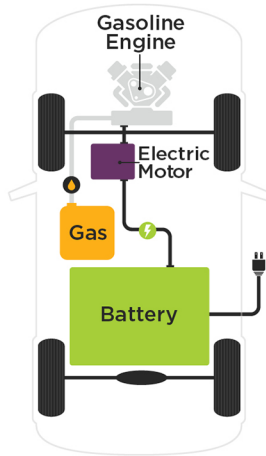
Considering an electric vehicle? Use this guide as you consider vehicle options.

Types of EVs



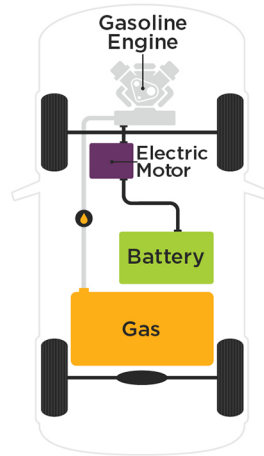
Battery Electric Vehicle (BEV):

Fully powered by an electric battery; no gas-powered components.



Plug-in Hybrid Electric Vehicle (PHEV):

Contains an engine, electric motor and large battery; can operate in electric-only mode, engine-only mode or hybrid mode (battery and gas).



Hybrid Electric Vehicle (HEV):

Low-emission vehicles; electric motor assists gas-powered engine. Fully powered by gasoline (no charging).

Average Battery Range



BEV: 110-300 miles **full battery*

PHEV: 15-60 miles on battery power **full battery*
(PHEVs can run on battery and/or gas power.)

Home Charging Options

Level 1:

- 110-volt service
- 2-5 miles of range per hour of charging
- Typically does not require electrical upgrades

Level 2:

- 240-volt service
- 10-30 miles of range per hour of charging
- Faster than level 1
- May require electrical upgrades



Considerations Before Buying

- Public charging options near you
- Federal, state and local financial incentives
- Battery warranties
- Potential changes to auto insurance

EV Pros and Cons:

Pros:

Eco-friendly: No tailpipe emissions; lower carbon footprint.

Lower costs: Less maintenance, cheaper "fuel" (especially with home charging).

Efficient: Electric motors use energy more effectively.

Incentives: Tax credits and rebates help with purchase costs.

Quiet: Minimal noise during operation.

Evolving tech: Battery life and range are improving fast.

Cons:

Higher upfront cost: EVs can be pricier than gas cars.

Limited chargers: Fewer charging stations, especially in rural areas.

Slow charging: Takes longer than filling a gas tank.

Range anxiety: Some EVs have a shorter range per charge.

Battery wear: Battery life decreases over time, reducing range.

Power source dependent: Carbon footprint depends on local power sources

Line Items

Joseph Jones
Editor

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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.

LINE ITEMS (ISSN 1089-9987) is published monthly for \$1.00 per year by Excelsior EMC, 2574 Northside Dr West, Statesboro, GA 30458. Periodicals postage paid at Statesboro, Georgia. POSTMASTER: Send address changes to LINE ITEMS, P.O. Box 297, Metter, Georgia 30439

Between the Lines

by Greg Proctor
President/CEO

Thankfulness in an Extreme Year

As the year draws to an end, I find myself reflecting on the major events and accomplishments of the past year.

It has been a year of extremes. In a three-month period we experienced Hurricane Debby and its excessive rain, Hurricane Helene and its destruction, the likes of which our region hasn't experienced in our lifetime, and an unnamed storm that unexpectedly dumped another foot of rain on an already battered community. But the citizens of our battered communities demonstrated their resilience by working together to help one another through the difficult times. I am proud to live in a community where people and counties work together to overcome adversity. Please allow me another opportunity to express our sincere gratitude for the generosity, patience, and kindness that you showed while we worked to restore power during these events.

It's been a year of growth and learning for our team. Rough seas make strong sailors, and difficult times make strong people. I am proud of the dedication and leadership that our employees demonstrated during these recent extreme events. The perseverance they demonstrated will produce character, and that character will produce hope and confidence for the next challenge. Our team is stronger because of these difficult times.

Christmas provides an opportunity to pause, reflect and take time to honor and give thanks to God for His providence. As you celebrate with your loved ones, I hope you find time to relax, recharge, and reflect on the blessings we enjoy. This year's extremes serve as a vivid reminder of how grateful I am for the dedicated men and women who work to ensure that the lights are on.

I look forward to a new year and a fresh start, hopefully with fewer extremes.

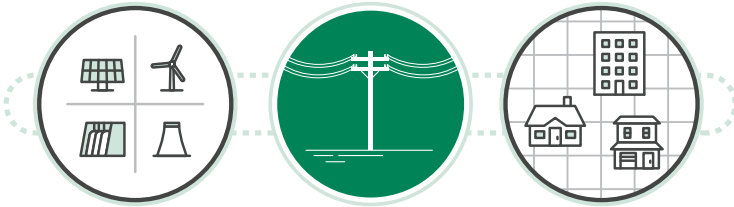
From the Excelsior EMC family to yours, we wish you a Merry Christmas and a joyful New Year. May your holidays be filled with warmth, laughter, and love.



Every Member Counts

A Balancing Act: ELECTRICITY SUPPLY AND DEMAND

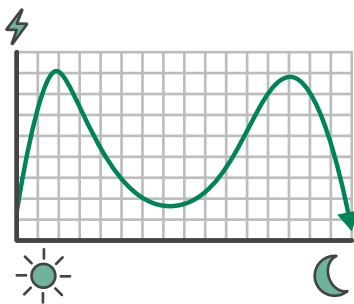
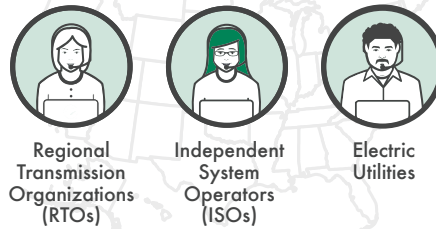
Behind the scenes, a network of people and facilities work together to ensure you have electricity when you flip the switch.



Electricity is generated at a power plant, then sent across the grid to homes, schools and businesses.

The amount of electricity generated and how much is sent to where it's needed are typically coordinated and monitored by regional grid operators that essentially act as energy traffic managers.

Regional Grid Operators

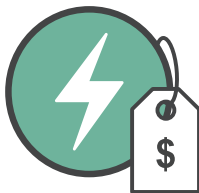


As electricity demand varies throughout the day, grid operators, power plant operators and electric utilities work to forecast, plan and purchase enough electricity for everyone.

Ensuring communities have the exact amount of electricity they need is a challenging task, but behind the scenes, a network of industry experts make it happen every day.



Factors that Impact Electricity Supply and Demand



- Demand Surges
- Extreme Temperatures
- Infrastructure Costs and Availability
- Supply Chain Challenges
- Fuel Costs
- Federal and State Regulations

Georgia Agricultural Tax Exemption (GATE) is an agricultural sales and use tax exemption certificate issued by the Georgia Department of Agriculture. The document identifies its user as a qualified farmer or producer who is exempt from sales tax on the inputs used in the production of their commodity. Qualified producers must apply/re-apply with the Georgia Department of Agriculture at their cards expiration to receive the exemption. Excelsior EMC members that qualify must provide Excelsior EMC with a copy of their renewed GATE card. We must receive a copy of the new card by December 31, 2024 for the exemption to continue. Producers that have never received GATE can also apply. First-time applicants to Excelsior EMC will need to provide a copy of their GATE card as well as an Excelsior EMC GATE form that can be picked up at either our Metter office or Statesboro office. Additionally, you can email or fax the form by simply calling our customer service department at (912) 685-2115 or (912) 764-2123. For more information or to renew visit www.agr.georgia.gov or call 1-855-FARM-TAX.

Please mail your updated GATE Card to:

Excelsior EMC
PO Box 297 Metter, GA 30439



Your GATE Card Expires Dec. 31!

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Wednesday, December 25, 2024
Closed

Wednesday, January 1, 2025
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