

Electric Transportation Ecosystem

Georgia: A Hub for Electric Transportation

Electric vehicles (EVs) are the future of the automotive industry. As automotive manufacturers commit to adding electric vehicles to their fleets, Georgia is positioning itself as a hub for electric vehicle, battery, and other support operations for the electric transportation industry.

Since 2018, Georgia has attracted 13 EV-related operations for a total 13,200 jobs and \$8 billion in capital investment. SK innovation led the way with a \$2.6 billion electric battery manufacturing facility. And most recently, two major OEMs, Rivian Automotive and Hyundai Motor Group, announced electric vehicle manufacturing plants in Georgia.



RIVIAN



HYUNDAI

EV Announcements

Company	Jobs Announced	Capital Investment	County	Type	Year
Hyundai Motor Group	8,100	\$5.54B	Bryan	Electric vehicles and batteries	2022
Rivian	7,500	\$5B	Walton	Electric trucks and SUVs	2021
SK innovation	2,000	\$1.67B	Jackson	Electric vehicle batteries	2018
SK innovation	600	\$940M	Jackson	Electric vehicle batteries	2020
EnChem	300	\$61.35M	Jackson	Battery electrolyte	2020
Duckyang	285	\$10M	Jackson	Modules and storage systems to SK	2021
GEDIA	200	\$85M	Whitfield	Stamped parts for MBUSA EV	2020
Hyundai TRANSYS	129	\$9.5M	Troup	Seats for EV manufacturers	2021
TEKLAS	120	\$6.5M	Gordon	Mfg/R&D engine parts for EV	2020
Heliox	70	\$0	Fulton	E-mobility charging stations	2021
Dongwon Tech	40	\$700K	Hall	Duct manufacturing for SK	2020
Plug Power	24	\$168K	Camden	Liquid hydrogen for fuel cell EV fleets	2021
Wonbang Tech	10	\$194K	Gwinnett	Clean rooms for battery manufacturing	2020
EcoPro	5	\$900K	Fulton	Battery cathode material	2020
Hyundai Sungwoo Solite	4	\$144K	Fulton	Batteries for vehicles	2019

Blue Bird

Longtime Georgia school bus manufacturer, Blue Bird, began making all-electric buses in 2018 and reported a 250% growth in sales between 2019 and 2020. In October 2021, Blue Bird announced their 800th electric-powered school buses either delivered or on order. They are the first bus manufacturer to hit this milestone.



#2

State in the Southeast for EV Registrations

24,000

Electric Vehicles in Georgia

#6

State for EV Charging Outlets

Source: National Renewable Energy Laboratory with data from Experian Information Solutions, 2021 (2020 data)

Georgia Tech leads EV innovation

Center for Innovative Fuel Cell and Battery Technologies:

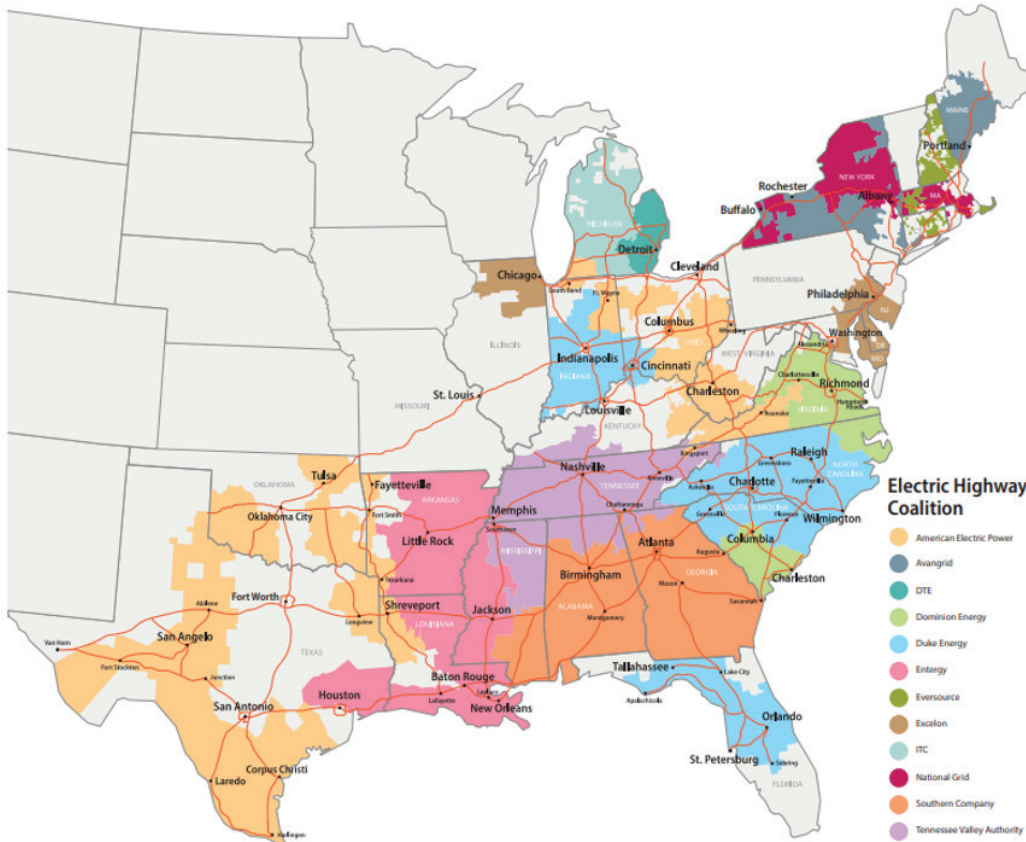
- Deployment of machine learning can help in EV infrastructure decision making
- Expanding EV battery durability
- Best practices for developing sustainable EV mobility systems

Manufacturing Institute:

- Partnering with GE and Ford Motor Co to study ways to add greater efficiencies to electric driving and charging performance

Georgia's Commitment to EV Expansion

In early 2021, Southern Company joined 5 other energy companies to create the Electric Highway Coalition to collaborate on a network of DC fast chargers from the Atlantic Coast through the Midwest and South and into the Gulf and Central Plains regions. The coalition will provide drivers with effective, efficient, and convenient charging options to enable long-distance electric travel.



Source: "Southern Company joins other utilities in plans for electric vehicle charging network," Southern Company press release, 3.2.2021

Georgia Works to be EV Corridor Ready

#3

State for EV Ready Miles (1,048)

#5

State for Percent EV Ready Miles (77%)

Source: Federal Highway Administration, 2021

Electric Mobility and Innovation Alliance

In 2021, Georgia Governor Brian Kemp formed the Georgia Electric Mobility and Innovation Alliance (EMIA). Led by the Georgia Department of Economic Development, EMIA is a statewide alliance that consists of partners ranging from government, industries, electric utilities, non-profits, and other stakeholders. They all share the common goal of growing the electric mobility ecosystem in the state and strengthening Georgia's position in electric vehicle-related manufacturing and innovation. The EMIA has made recommendations to the Governor to accelerate electrification across Georgia.

The Ray

To create the world's first sustainable highway, The Ray is rethinking the role of roadway connectivity with a "net-zero" mission: zero waste, zero carbon, zero impact. The Ray has partnered with leading research organizations to develop "EV Charging Lanes." By wiring roads to create an electromagnetic field that can charge a car battery, The Ray is finding ways to give EV drivers the ability to charge their vehicles while still in motion — no stopping required.

Georgia Power has been helping companies locate in our state for 90 years. We offer a full array of products and services available at no cost. To receive confidential, proven assistance, please contact one of our experienced professionals:

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