RANSPORTATION ELECTRIFICATION IN THE SOUTHEAST

Alabama: 2021 Year-End Update

This is an update to the Alabama section of the "Transportation Electrification in the Southeast" report produced by Atlas Public Policy and the Southern Alliance for Clean Energy. The report tracks electric vehicle (EV) momentum in the Southeast region, defined as Alabama, Florida, Georgia, North Carolina, South Carolina, and Tennessee.

MANUFACTURING EMPLOYMENT **#5 in the Southeast (total)**

- Jobs: 600
- No change from July 2021
- <1% of national total

SALES



#6 in the Southeast (per capita)

- Cumulative sales: 6,816
- 55% growth in 2021
- 1.4 EVs sold per 1,000 people 3% of market share in state in 2021.



UTILITY INVESTMENT *

- #6 in the Southeast (total) Approved: \$0 million
- No change in 2021
- <1% of national total

Alabama EV Indicators through December 2021 MANUFACTURING INVESTMENT

- #4 in the Southeast (total) Investment: \$1 billion
- No change from July 2021
- 2% of national total



CHARGING DEPLOYMENT

#6 in the Southeast (per capita)

- Total: 658 ports
- 29% growth in 2021
- 0.13 ports per 1,000 people



GOVERNMENT FUNDING

#5 in the Southeast (total)

- VW Settlement Awarded for EVs: \$4.4 million
 - Federal Low-No Awarded: \$10.7 million
- VW Settlement Funding Remaining: \$9.8 million

All measures include medium- and heavy-duty EVs, except for sales which refers exclusively to passenger EVs. EV manufacturing employment and investment represent commitments made to specific facilities in the state. *Utility investment refers to investor-owned utilities only. To understand EV Sales and charging deployment in a national context, please read our report. Source: Atlas EV Hub

Alabama 2021 Highlights

- In Tuscaloosa, Mercedes-Benz continued the development of one of the largest EV manufacturing plants in the Southeast and will add an adjacent battery manufacturing plant.
- In June 2021, Alabama A&M University received \$4.2 million from the Federal Transit Administration to purchase a battery-electric transit bus, construct an electric bus service bay, construct a battery-electric storage facility and build charging stations to power the bus/complex.





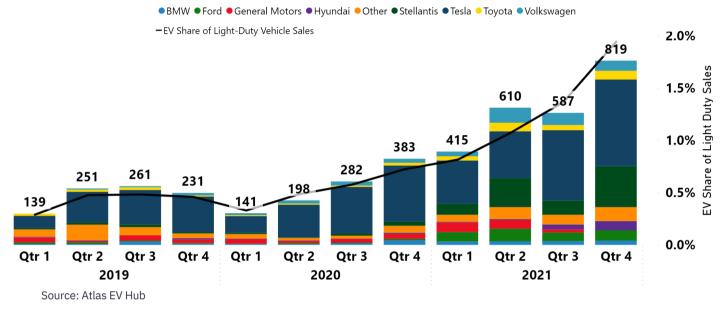
"Transportation Electrification in the Southeast"

Released August 2021

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Alabama EV Sales and Market Share from 2019 through 2021



Regional EV Sales by Quarter through December 2021

● Alabama ● Florida ● Georgia ● North Carolina ● South Carolina ● Tennessee 15K 10K 5K 0K 1 2 3 4 1 2 3 4 1 234 1 23 4 1 23 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1234 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

Source: Atlas EV Hub



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Read the Report: <u>cleanenergy.org/news-and-resources/</u> <u>transportation-electrification-in-the-southeast-report/</u>