TRANSPORTATION ELECTRIFICATION IN THE SOUTHEAST

Regional: 2021 Year-End Update

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

Regional Indicators through December 2021

MANUFACTURING EMPLOYMENT
Georgia #1 in the Southeast (total)
- Jobs: 23,569
- Increase of 15,784 jobs from July 2021
- 33% of national total

SALES
Florida #1 in the Southeast (per capita)
- Cumulative sales: 253,173
- 49% growth in 2021
- 4.4 EVs sold per 1,000 people
- 2.9% of market share in region in 2021

UTILITY INVESTMENT
Florida #1 in the Southeast (total)
- Approved: $335.1 million
- 416% increase in 2021
- 10% of national total

MANUFACTURING INVESTMENT
Tennessee #1 in the Southeast (total)
- Investment: $23.2 billion
- Increase of $12.1 billion from July 2021
- 43% of national total

CHARGING DEPLOYMENT
Georgia #1 in the Southeast (per capita)
- Total: 15,871 ports
- 49% growth in 2021
- 0.27 ports per 1,000 people

GOVERNMENT FUNDING
Florida #1 in the Southeast (total)
- VW Settlement Awarded for EVs: $110.5 million
- Federal Low-No Awarded: $83.9 million
- VW Settlement Remaining: $316.6 million

Regional 2021 Highlights

- The Southeast closed out 2021 far ahead of the rest of the country on manufacturing investment and jobs, with 18 percent of the nation’s population but 43 percent of announced investment and 33 percent of announced jobs.
- The region still trails the national average on sales at 4.4 EVs per 1,000 people compared with 7.2 nationally.
- The region also lags in charging station deployment providing .27 charging ports per 1,000 people compared with an average of .38 nationally.
- The region’s state departments of transportation will receive at least $679 million over the next five years to invest in public EV charging along highway corridors from the bipartisan Infrastructure Investment and Jobs Act, signed into law in November 2021.

"Transportation Electrification in the Southeast"
Released August 2021

Regional EV Sales and Market Share from 2019 through 2021

Source: Atlas EV Hub

Regional EV Sales by Quarter through December 2021

Source: Atlas EV Hub

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