

Southeast Electric Transportation Regional Initiative (SETRI)

March 2024 Monthly Update

SETRI

In-person SETRI meeting planned for Atlanta, GA in June. Details soon.

Have an event, research, or funding opportunity to share? Add it to SETRI's [Southeast Portal for Electric Transportation Opportunities](#)

Updates

Federal

[Community Charging: Emerging Multifamily, Curbside, and Multimodal Practices \(Joint Office of Energy and Transportation\)](#)

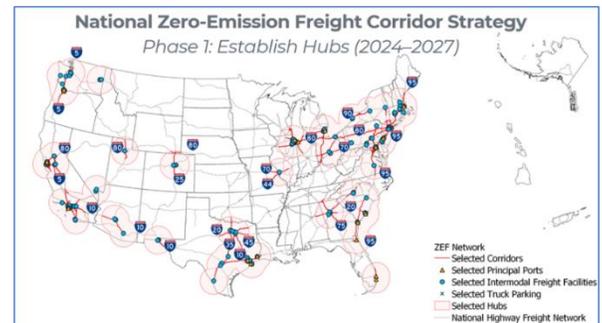
- Report on “emerging practices and technologies that can bring the benefits of electric mobility infrastructure to residents in multifamily housing, residents dependent on curbside or on-street parking, and those without access to privately owned electric vehicles (EVs).”

[Request for Information on the J3400 Connector and Potential Options for Performance-Based Charging Standards](#)

- Comments due April 5, 2024

[National Strategy to Accelerate Deployment of Zero-Emission Infrastructure for Freight Trucks](#) (Federal Highway Administration)

- “A core objective of the Strategy is to meet freight truck and technology markets where they are today, determine where they are likely to develop next, and set an ambitious pathway that mobilizes actions to achieve decarbonization.”



[Clean Cities and Communities Rebrand Announcement](#)

Funding

[Low or No Emission and Grants for Buses and Bus Facilities Competitive Programs – FY2024 Notice of Funding Opportunity](#)

- Applications due April 25, 2024

[Funding for Clean Energy Workforce and Enhance Manufacturing Efficiency](#)

- Submissions due May 16, 2024 (3pm Eastern)

[Clean Ports Program: Zero-Emission \(ZE\) Technology Deployment Competition](#)

- The EPA's Clean Ports Program will fund ZE port equipment and infrastructure to reduce mobile source emissions at US ports
- Applications due May 28, 2024

(Free Technical Assistance) [Clean Bus Planning Awards \(CBPA\) program](#)

- Program opened Feb. 2024 - deployment assistance will be available for a period not to exceed 3 years

State

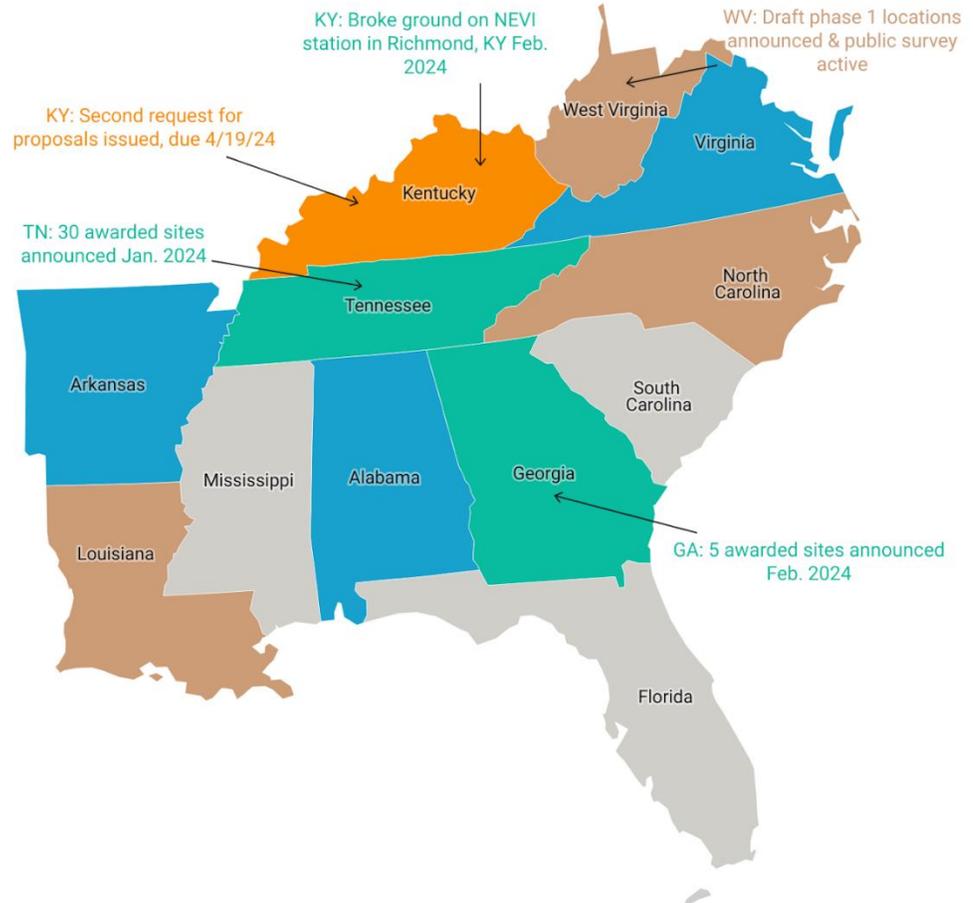
[National Electric Vehicle Infrastructure \(NEVI\) Program Implementation](#)

Southeast NEVI Program Implementation Status

Progress to implement federal funding for National Electric Vehicle Infrastructure (NEVI) program for electric vehicle charging stations.

Specifications: Publicly accessible 250kW four port DC fast charging stations at least every 50 miles along highway corridors

Active RFP Pre or Draft RFP Materials Released Projects / Awards Announced Reviewing Proposals / Applications TBD



Last update: 3/7/24 | Details subject to change, see individual state departments of transportation for latest information. Many states planning multiple procurement rounds for NEVI implementation.

Map: Duke University Nicholas Institute for Energy, Environment & Sustainability • Source: State NEVI Plans, State DOT Websites, USDOT FHWA, Joint Office of Energy and Transportation • Created with Datawrapper

[Georgia Announces First Five NEVI site awards](#)

- Georgia Dept. of Transportation announced first NEVI awards in Tifton, Byron, Dublin, Metter, and Brunswick, GA (Feb. 2024)

[Kentucky Breaks Ground on First Charging Station in Southeast Funded by National Electric Vehicle Infrastructure \(NEVI\) Program Charging Station in Southeast](#)

- Construction starters on four NEVI-funded fast chargers Richmond, KY (Feb. 2024)

[Kentucky Electric Vehicle Charging Program RFP 2](#)

- Kentucky Transportation Cabinet launches second round of NEVI Request for Proposals (RFP)
- Proposals due April 19, 2024

General

[Rivian Manufacturing Facility in Georgia on Hold](#)

- “Rivian’s Georgia plant remains an extremely important part of its strategy to scale production of R2 and R3. The timing for resuming construction [of Rivian’s Georgia plant] is expected to be later [...]”

[Scout Motors Breaks Ground on Production Center in South Carolina](#)

- “Vehicle production is targeted to begin by the end of 2026, with the first retail sales of trucks and SUVs occurring soon thereafter.”

Research & Resources

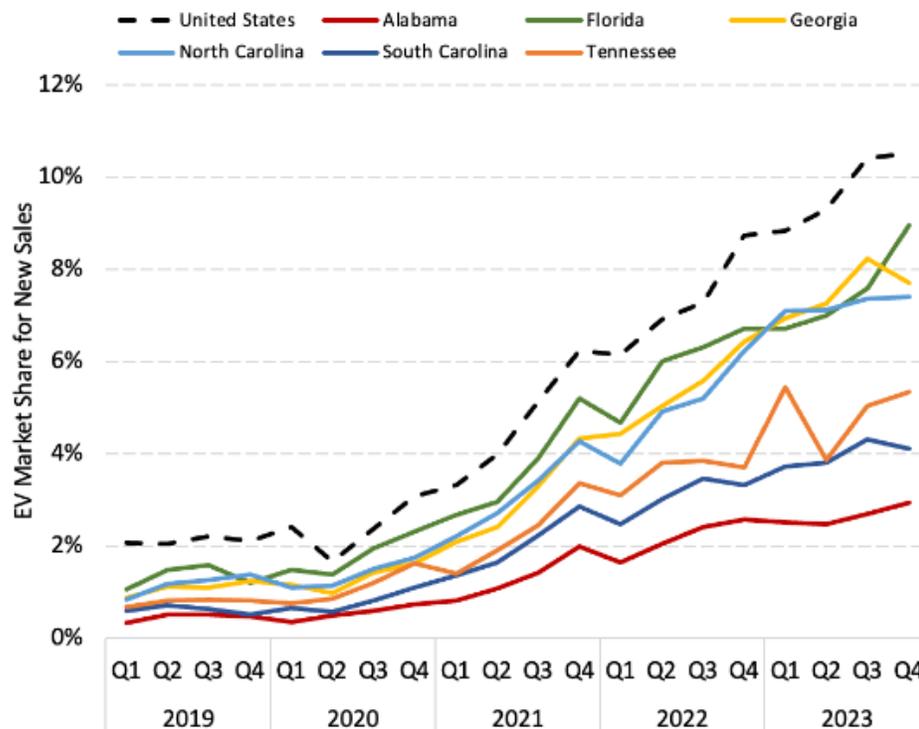
Research & Resources

[“Transportation Electrification in the Southeast” Report: Updated 2023 State and Regional Data](#)

(Southern Alliance for Clean Energy)

- 2023 end-of-year state and regional updates to fourth annual “Transportation Electrification in the Southeast” report on key indicators across region, including light-duty EV market share (chart below)

Southeast Light-Duty EV Market Share (Percentage of New Sales)



Source: [Atlas EV Hub](#) for the Southern Alliance for Clean Energy

[Building an EV Workforce: A Review of Southeast Transportation Electrification Workforce Development Training Programs](#)

(National Association of State Energy Officials, American Association of State Highway and Transportation Officials, Duke University's Nicholas Institute for Energy, Environment & Sustainability)

- Report and inventory of postsecondary training programs and courses across 10 Southeast states for EV manufacturing, EV service/maintenance, EV charging infrastructure, and special programs/consortia

 Building an EV Workforce: A Review of Southeast Transportation Electrification Workforce Development Training Programs



[EPRI eRoadMap](#)

- Interactive energy map from the Electric Power Research Institute (EPRI) presents the approximate amount of energy needed at a local level to electrify transportation

[Exploring the utilization of Electric-vehicles' free public charging facilities in small towns. A case of the town of Cary, North Carolina](#) (Case Studies on Transport Policy)

- “The findings indicate that both spatial and temporal factors affect the time spent charging and the amount of energy consumed. Spatially, stations within the mixed land use are more likely to be utilized for a longer duration and more energy. On the other hand, stations away from the town/in the park are less likely to be utilized.”

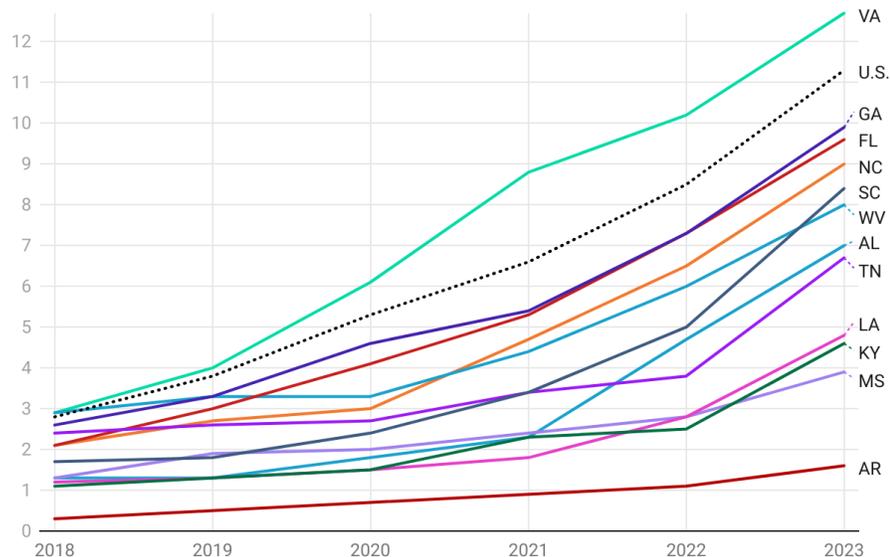
[Electric Trucks Will Be Cheaper Than Diesel – Years Faster Than Expected](#) (Energy Innovation Group via Forbes)

- “The updated forecast predicts costs will fall faster than previously expected– in 2030, for example, HDV battery pack prices fall to \$85 per kilowatt-hour in the updated forecast, compared to \$123 per kWh in the prior forecast”

[EV Charging Ports per Capita in the Southeast](#) (Duke University)

- Analysis on the SETRI website highlights per capita trends in DC Fast Charging and Level 2 ports across the region

DC Fast Charging Ports per 100k Residents in Southeast States, 2018-2023



Date range: Dec 31, 2018 - Dec 31, 2023 | All values utilize Census.gov population estimates

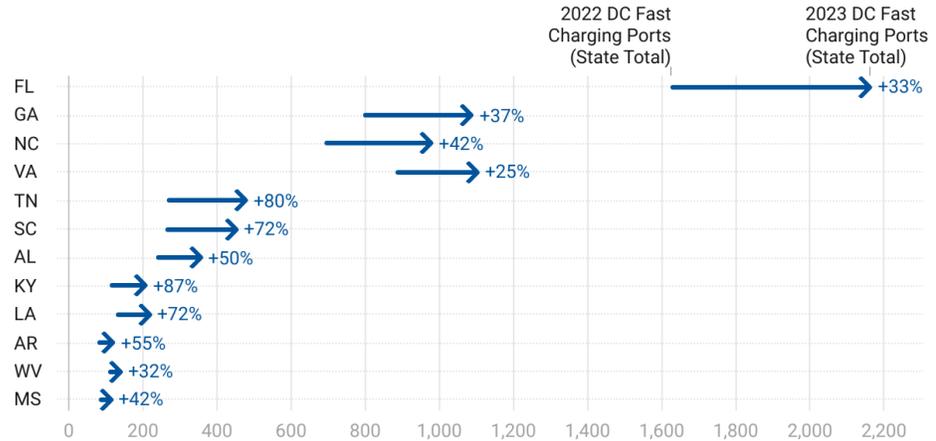
Chart: Nicholas Sommer, Trey Gowdy, Duke University Nicholas Institute for Energy, Environment, & Sustainability • Source: U.S. DOE Alternative Fuels Data Center • Created with Datawrapper

[EV Charging Ports Annual Change in the Southeast](#) (Duke University)

- Analysis on the SETRI website highlights year over year changes in in DC Fast Charging and Level 2 ports across the region

DC Fast Charging Port Installed in the Southeast: 2022-2023 Change

Year-over-year change from 2022 to 2023 across twelve southeastern states of electric vehicle (EV) direct current (DC) fast charging ports.

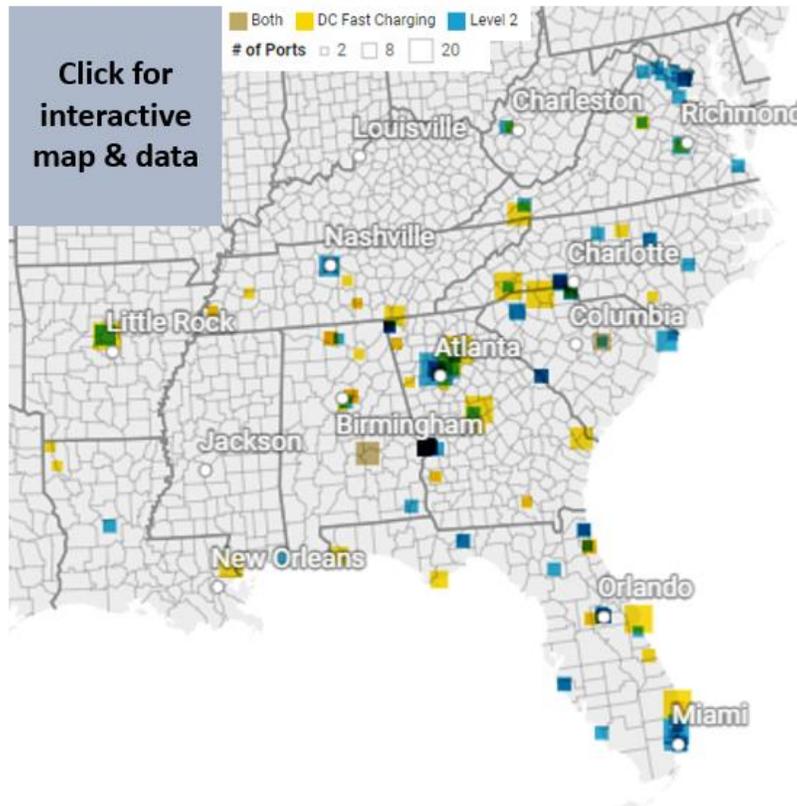


Date range: Dec 31, 2022 - Dec 31, 2023

Chart: Nicholas Sommer, Trey Gowdy, Duke University Nicholas Institute for Energy, Environment, & Sustainability • Source: U.S. DOE Alternative Fuels Data Center • Created with Datawrapper

[New Public Southeast EV Charging Stations in February 2024](#)

New Public Southeast EV Charging Stations in February 2024



Map: Duke University, Nicholas Institute for Energy, Environment & Sustainability (Energy Data Analytics Lab)
Datawrapper Source: Dept. of Energy Alt. Fuels Data Center (3/13/24) • Created with Datawrapper

New Public Southeast EV Charging Stations in February 2024

Type	New charging ports (sites)	% of new charging ports
Level 2	329 ports (154) sites	64%
DC Fast Charging	186 ports (54) sites	36%

Opportunities and Events

See SETRI's [Southeast Portal for Electric Transportation Opportunities](#) for information on funding, opportunities for comments, events, and more. Updated frequently, including:

- [Advancing Rural EV Infrastructure with Affordable Charging Solutions](#) - Mar. 21 (2pm Eastern)
- [Call for Presentations: Sustainable Fleets Expo](#)
 - Ideas due: Mar. 31
 - Expo: Aug. 13-15 (Durham, NC)
- [J3400 Connector and Potential Options for Performance-Based Charging Standards RFI](#) – Comments due April 5, 2024
- [Medium- and Heavy-Duty Electrification Partnerships Webinar](#) - Apr. 18 (2pm Eastern)
- [Kentucky Electric Vehicle Charging Program RFP 2](#) - Proposals due April 19, 2024
- [DriveElectricTN Momentum Summit](#) - May 9 (Murfreesboro, TN)



SETRI does not necessarily endorse and make no guarantees about the items included - we provide these for informational use.

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