

Southeast Electric Transportation Regional Initiative (SETRI) May 2024 Monthly Update

SETRI

SETRI Meeting June 5, 2024 | [Agenda & Virtual Registration](#)

In-person capacity reached | virtual option available for morning / in-person waitlist

Featuring:

- SETRI Updates
- Joint Office of Energy and Transportation
- Panel: Regional Transportation Electrification Collaboration
 - *Clean Cities Georgia and Southeast Clean Cities Expansion*
 - *US Environmental Protection Agency (EPA) Region 4 STRIDE Collaborative*
 - *Electrify the South (Local Government Collaborative)*
 - *North Carolina and Georgia EV State Networks*
 - *South Carolina Electric Transportation Network*
- And more



If registered & no longer able to attend, please email trisha.sisk@gatech.edu to cancel and open a spot for another attendee

Updates

Federal

[Initial Priorities of the Electric Vehicle Working Group \(EVWG\)](#) (April 2024)

- “In the initial EVWG meetings, the members were polled and determined three initial priorities: (1) the Charging Network, (2) MD/HD Electrification, and (3) Grid Integration. The members also identified three priority crosscutting topics—equity, workforce, and supply chain—that are critical for understanding the three initial priorities.”
 - Two additional EVWG reports to be released
 - More: [Electric Vehicle Working Group](#)

Electric Vehicle Working Group

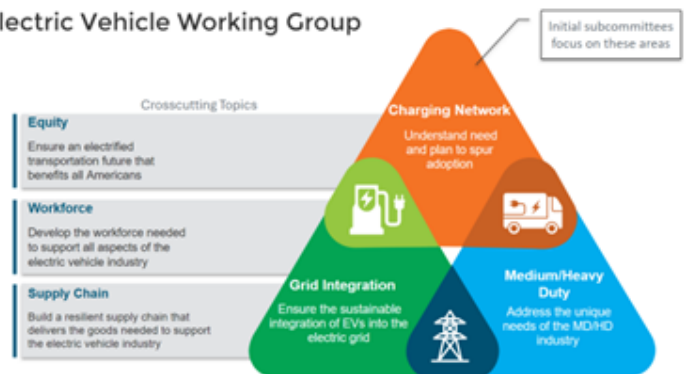


FIGURE 1: EVWG INITIAL SUBCOMMITTEE AND CROSS CUT FRAMEWORK

[Federal Highway Administration Announces Grants to Reduce Truck Emissions at Ports](#) | [Project Descriptions](#) (April 2024)

- Includes electric transportation projects at Port of New Orleans, Port of Savannah, and Florida (Multiple Ports)

Funding

[Communities Taking Charge Accelerator | Joint Office of Energy and Transportation](#)

- Concept papers due May 20, 2024

[Kentucky Light-Duty Zero-Emission Vehicle \(ZEV\) Infrastructure Program](#)

- Level 2 EV charging equipment funding for state and local government agencies in KY
- Applications due May 31, 2024 (4pm Eastern)

[Clean Heavy-Duty Vehicles Grant Program | US EPA](#)

- Applications due July 25, 2024 (11:59pm Eastern)

[Notice of Intent: SuperTruck Charge Funding Opportunity Announcement](#)

- The Office of Energy Efficiency and Renewable Energy (EERE) intends to issue, on behalf of the Vehicle Technologies Office (VTO), a Funding Opportunity Announcement (FOA) entitled “SuperTruck Charge”.
 - Area of Interest: “Grid-integration of High-Power Infrastructure Charging Solutions for Heavy Duty EVs” | Expected to be released June/July 2024

State

[NC DEQ Awards \\$1.1M for Projects that Reduce Air Pollution from Diesel Vehicles](#)

- Includes heavy duty electrification projects

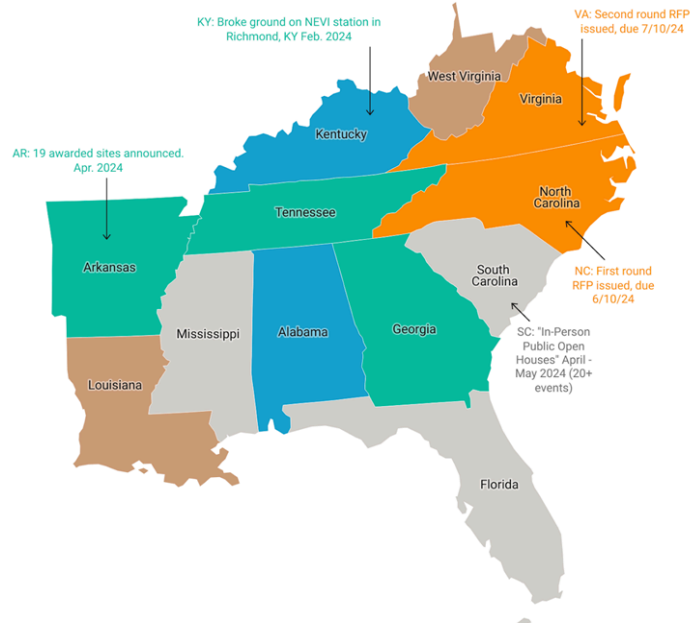
[National Electric Vehicle Infrastructure \(NEVI\) Program Implementation](#)

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: 5/9/24 | Details subject to change, see individual state departments of transportation for latest information. Many states planning multiple procurement rounds for NEVI implementation.
 Map: Trey M. Gowdy, 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

[North Carolina National Electric Vehicle Infrastructure \(NEVI\) Program RFP 1](#)

- Round 1 will provide funding for 11 of the 39 identified charging stations as discussed in NCDOT’s NEVI Plan
- RFP closes June 10, 2024 (5pm Eastern)

[Virginia National Electric Vehicle Infrastructure \(NEVI\) Phase 1-B Request for Applications](#)

- Second round procurement for Virginia NEVI program
- Applications due July 10 (6pm Eastern)

[SC+EV On-Demand Public Meeting](#) (May 2024)

- Information about South Carolina’s planned implementation of the National Electric Vehicle Infrastructure (NEVI) Formula Program to develop and deploy EV charging equipment along highways



General

[Planning for Freight Electrification](#) (National Association of State Energy Officials Webinar Recording)

[Freight Electrification - Policy Options for States](#) (National Association of State Energy Officials Webinar Recording)

Research & Resources

Research & Resources

[Dashboard for Rapid Vehicle Electrification \(DRVE\) – Atlas Public Policy](#)

- DRVE 2.0 tool released – “The Microsoft Excel-based tool can evaluate a variety of procurement ownership structures, vehicle types, electric vehicle charging configurations, and many more scenarios.”

[National Emissions Standards: Unleashing Health & Economic Potential for the Southeast.](#) (2024). Southeast

Energy Efficiency Alliance. Brightharp, J.

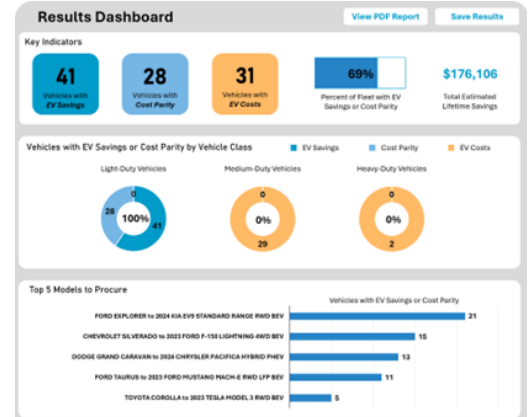
Includes maps/analysis on:

- Projected EV Manufacturing Investments by State 2023
- Projected EV-Specific Jobs by State in the Southeast
- Projected Indirect Jobs from EV Manufacturing in the Southeast 2023
- And more

[Electric vehicle charging equity and accessibility: A comprehensive United States policy analysis.](#)

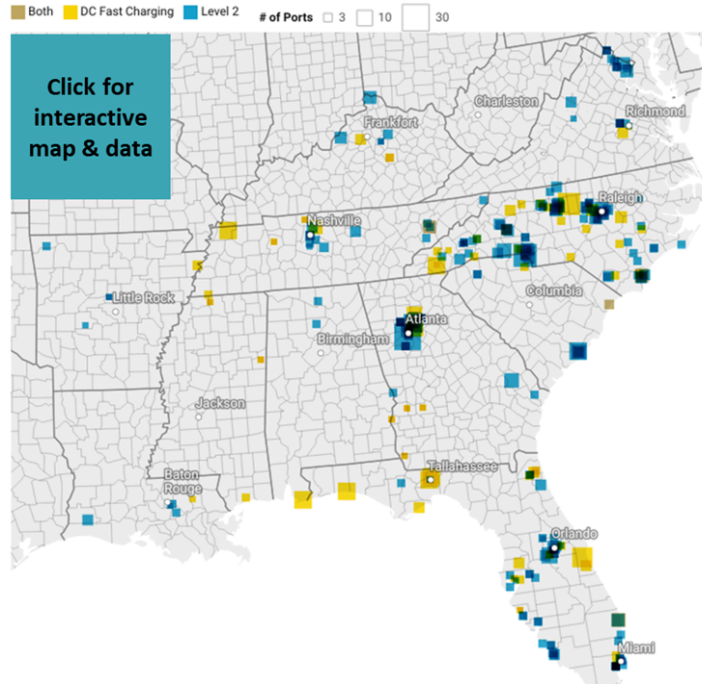
Transportation Research Part D: Transport and Environment 129 (2024). Carlton, G., and Sultana, S.

[Rate Design for EV Fast Charging Stations: A Case Study from Duke Energy Progress.](#) (2024). UNC Chapel Hill Kenan-Flagler School of Business. Harris, B.



New Public Southeast EV Charging Stations in April 2024

945 new charging ports at 309 charging station sites across twelve Southeast states
 673 new Level 2 ports @ 234 sites | 272 new DC Fast Charging ports @ 80 sites



EV charging stations with an 'open date' between 4/1 - 4/30/24. Download data for full details. Individual 'sites' as listed by Alt. Fuels Data Center - some addresses may contain multiple 'sites.'
 States included: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia
 Map: Trey M. Gowdy, Duke University, Nicholas Institute for Energy, Environment & Sustainability - Source: Dept. of Energy Alt. Fuels Data Center (5/14/24) - Created with Datawrapper

[New Southeast EV Charging in April 2024](#)

Type	New charging ports (sites)	% of new charging ports
Level 2	673 ports (234) sites)	71%
DC Fast Charging	272 ports (80) sites)	29%

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:

- [Building Our Equitable E-Mobility Future](#) – May 16 (Webinar)
- [SETRI 2024 In-Person / Hybrid Meeting](#) – Jun. 5 (Atlanta, GA)
- [2024 Louisiana Clean Fuels Summit](#)– Jun. 12-13 (Lake Charles, LA)
- [Addressing the Challenges of Charging at Multi-Family Housing](#) – Jun. 11 (Webinar)
- [2024 Sustainable Fleet Technology Conference & Expo](#) – Aug. 13-15 (Durham, NC)

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

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