

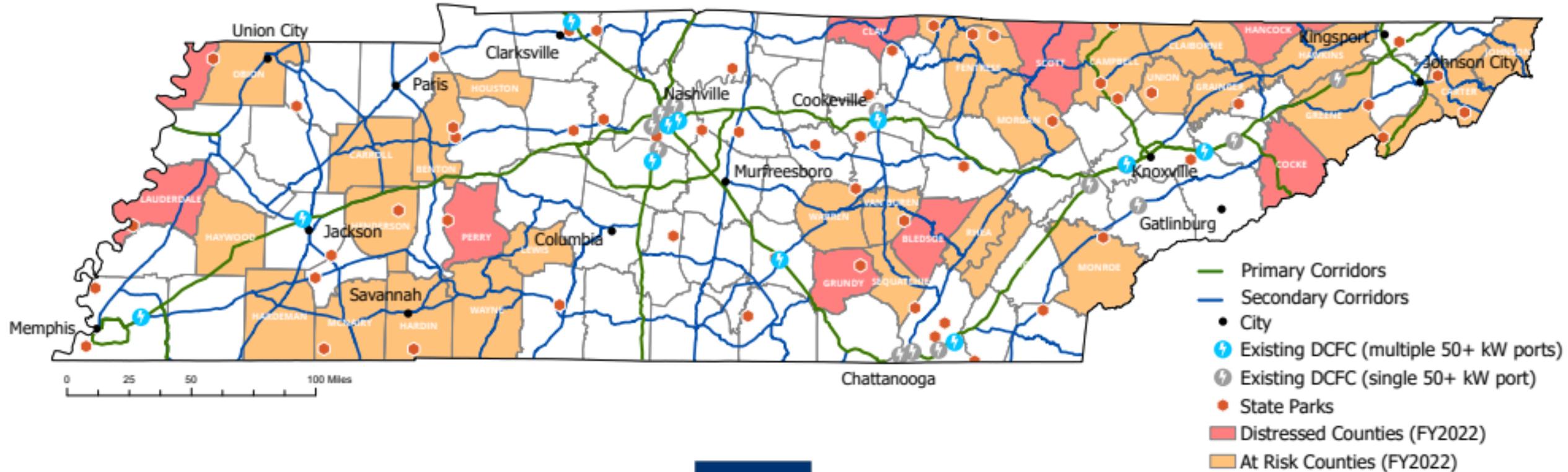


Department of
**Environment &
Conservation**

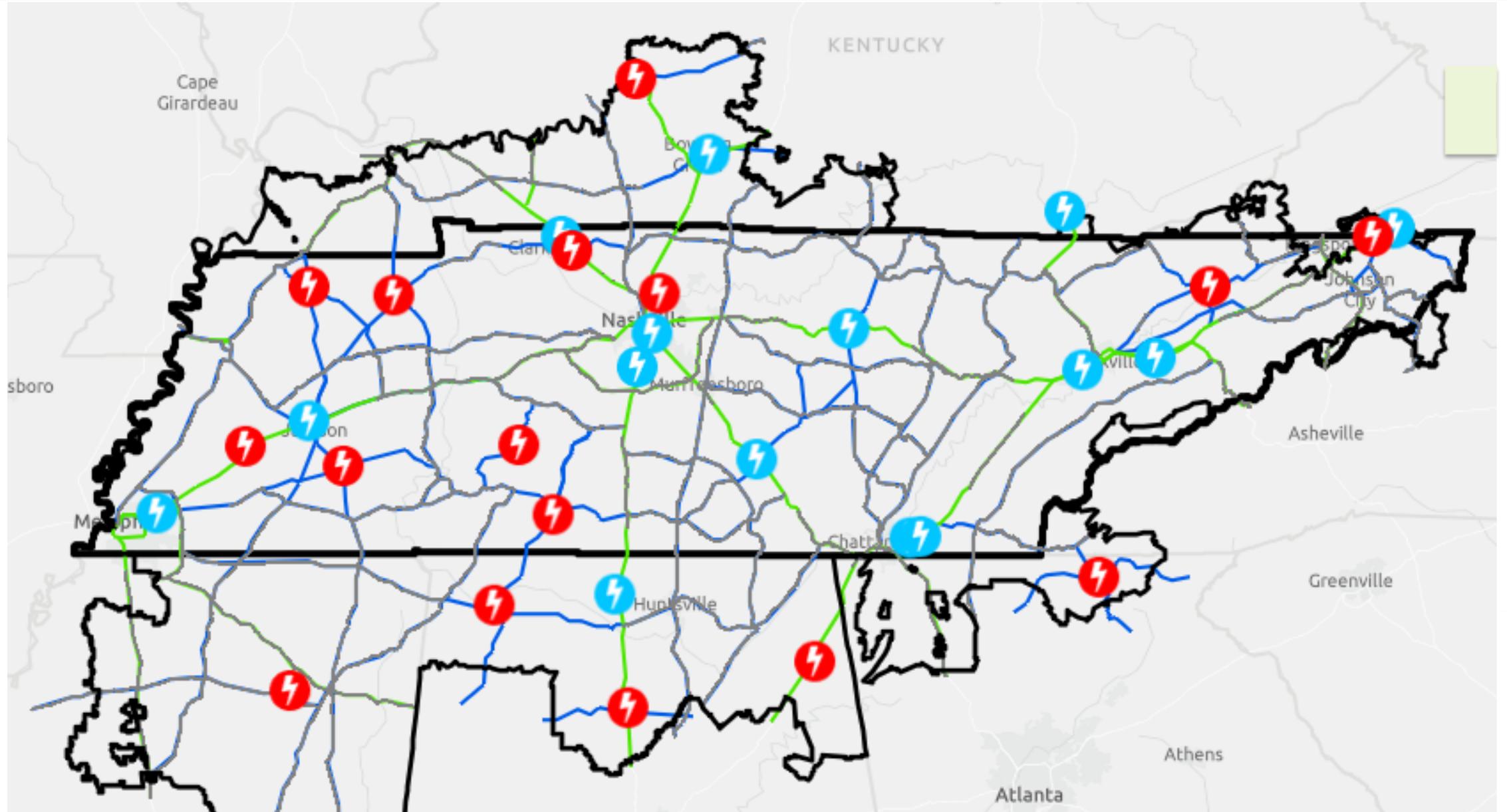
Vehicle and Infrastructure Deployment Across Multiple Use Cases

Smoky Mountains Mobility Conference

Fast Charge TN Network



Fast Charge TN Network



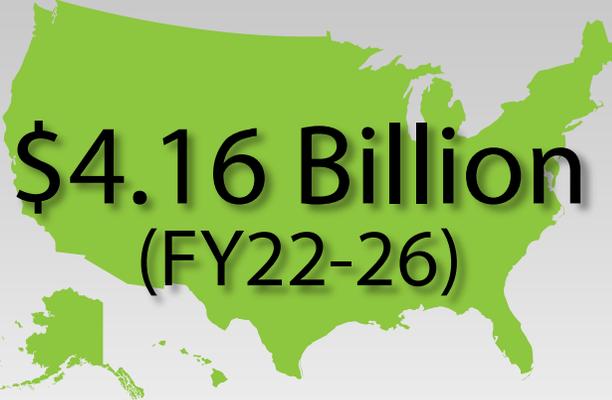
Tennessee State Parks

- In 2021, TDEC announced a partnership with Rivian to install Level 2 charging stations at Tennessee State Parks. The goal is to have charging stations available at all viable State Parks systemwide.
- In addition to overseeing design and installation, Rivian will provide, at no cost to the state:
 - chargers
 - utility upgrades and other installation costs
 - network access fees
 - equipment service
 - Maintenance
- 13 new F-150 Lightnings have been deployed at State Parks across Tennessee.



National Electric Vehicle Infrastructure (NEVI) Program

FUNDING



\$4.16 Billion
(FY22-26)



\$88.33 Million
(FY22-26)

ELIGIBLE



Alternative Fuel Corridors
~1,500 Miles



TN

National Electric Vehicle Infrastructure (NEVI) Program

In August, TDOT and TDEC released a NEVI Notice of Funding Opportunity as well as a corresponding “gap map,” which shows eligible exits that can support full corridor build out. Applications are due by November 1, with awards expected to be announced in January 2024.



NEVI Candidate Sites

- Orange circle: I-24
- Blue circle: I-65
- Purple circle: I-26
- Green circle: I-75
- Light green circle: I-40
- Pink circle: I-81

Existing NEVI-Compliant Chargers

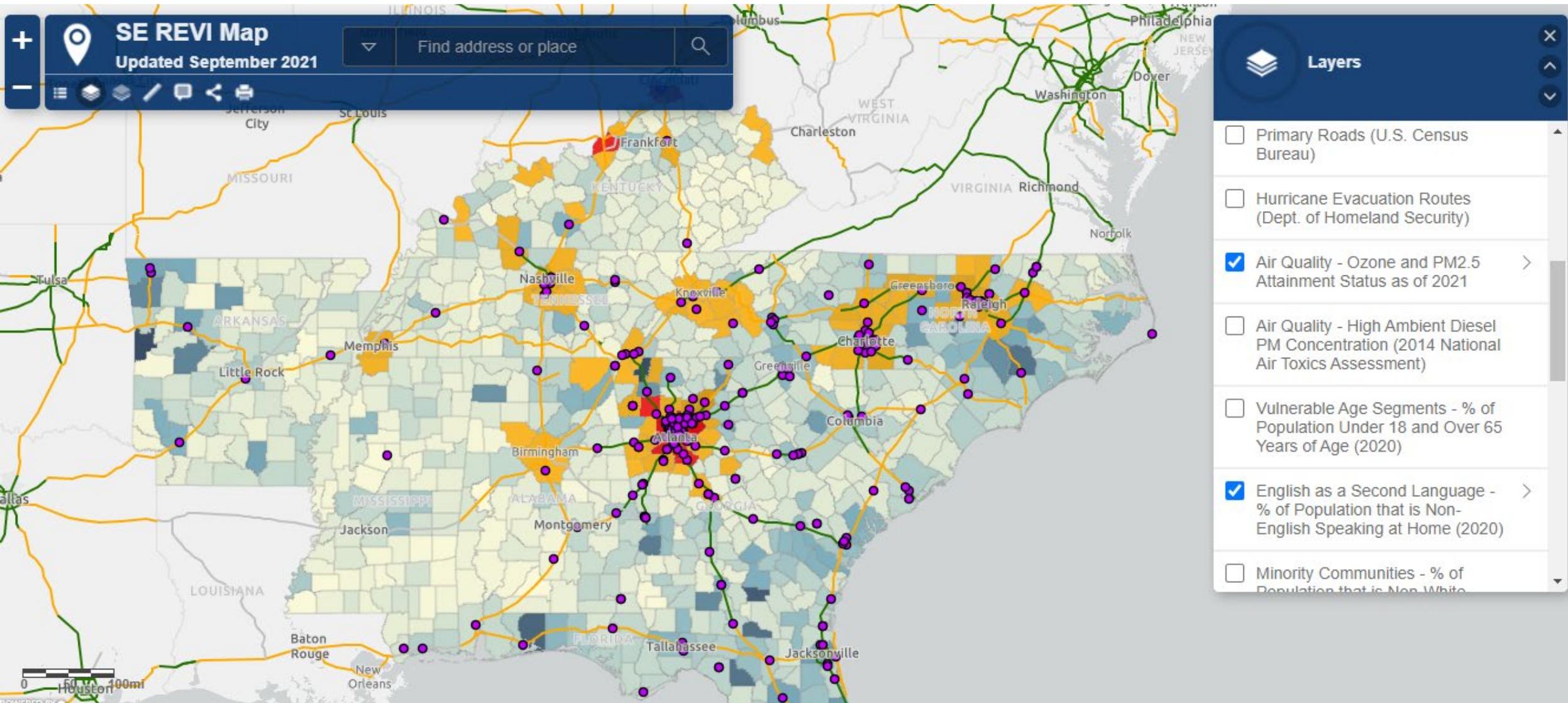
- Red square: within TN
- Grey square: outside TN

Gaps and Corridors

- Yellow oval: Gap
- Red shaded area: 1-mile travel distance (straight-line distance for US-64)
- Blue line: Electric Vehicle Alt Fuel Corridor



Southeast Regional EV Infrastructure (SE REVI) Collaboration



Regional Collaboration – SE REVI



Other Deployment / Demonstration Projects

- Medium Duty eTruck Pilot Demonstration Project
- Equitable Mobility Powering Opportunities for Workplace Electrification Readiness (EMPOWER) workplace charging project
- Second-life Battery in Mobile EV Charging Application for Rural Transportation (SMART)
- Rural Reimagined: Building an EV Ecosystem and Green Economy for Transforming Lives in Economically Distressed Appalachia
- TN Bus Electrification Education Partnership (TN BEEP)
- FHWA Charging and Fueling Infrastructure (CFI) Grant Program

Tennessee Smart Mobility Expo

- The Expo will be presented by TennSMART in partnership with the State (TDEC, TDOT, TNECD) and Tennessee Clean Fuels on **December 5-6 at the Music City Center in Nashville.**
- Speakers and exhibitors will showcase the technology research and development occurring in Tennessee, from the latest on EV charging and grid security to vehicle-to-infrastructure technology and freight logistics.
- Visit tnsmartmobilityexpo.com for more details.
- For sponsorship or exhibitor opportunities at the event, contact Sara Pruneski at sara@hallstrategies.com.



TN Volunteer Emissions Reduction Strategy

- The Tennessee Volunteer Emission Reduction Strategy (TVERS) is an emissions reduction plan currently being developed by TDEC with support from various partners. TDEC has developed a survey to collect input from stakeholders and the public about emission reduction priorities, current actions, and concerns. The TVERS survey is open until **November 15**.
- The development of the plan is funded by EPA's Climate Pollution Reduction Grant (CPRG) program, established by the Inflation Reduction Act. Through this program, funding will be provided to states, local governments, air pollution control agencies, tribes, and territories to develop and implement plans for reducing greenhouse gas emissions and other harmful air pollutants.
- <https://www.tn.gov/environment/policy/tvers>



Find out more at
<http://www.tn.gov/evplan> and
<https://energyright.com/ev/fast-charger-program/tn/>

Alexa Voytek
TDEC Office of Energy Programs
Alexa.Voytek@tn.gov
615-613-1096