Tennessee Alternative Fuel Corridors - Ready

- **I-40** - EV Dandridge to Nashville
- **I-24** - EV Entire length
- **I-24** - CNG Entire length
- **I-75** - EV Knoxville to TN/GA border
- **I-75** - CNG Entire length
- **I-65** - EV Madison to Franklin
- **I-65** - CNG Nashville to TN/AL border
- **Partners** – TDOT, TDEC, TN Clean Fuels, TVA, ORNL and others
TN Alternative Fuel Corridor Initiatives

- **Past**
  - CMAQ funds for E85 ethanol and B20 biodiesel infrastructure
  - Biofuel signage on interstates
  - Southeast Alternative Fuels Task Force
  - I-75 Green Corridor Project – DOE funding
  - EV project - Ecotality Blink stations - DOE funding
  - Tennessee Electric Vehicle Advisory Committee (TEVAC)
TN Alternative Fuel Corridor Initiatives

• **Present**
  – Drive Electric Tennessee (TVA, TDOT, TDEC, TN Clean Fuels, others)
  – VW Court Settlement
    • TN to invest maximum 15% of NOx funds in electric charging stations
    • Electrify America investments?
  – CMAQ priority for alternative fuel infrastructure
  – Interstate signage
Lessons Learned

- Refueling infrastructure – maintenance of equipment essential
- Recruiting new hosts for EV charging will be challenging
  - Why would a property owner want to be a host?
  - Requests for proposals may not produce sufficient numbers
- Only EV fast charging stations for corridor infrastructure
  - Level 2 charging simply takes too long
- Amend Randolph Sheppard Act to explicitly allow electric charging infrastructure in interstate rest areas
- Are there opportunities for states to work together to reduce costs of EV fast charging infrastructure?