



Department of
**Environment &
Conservation**

2018 TCCI Environment and Energy Conference

TDEC Office of Energy Programs Update



OVERVIEW

- OEP is comprised of two sections.
 - Governor-designated State Energy Office (SEO)
 - State Facility Utility Management Section (SFUM)
- OEP provides education, outreach, technical assistance, and/or funding and financing opportunities to support the following:
 - energy efficiency and conservation;
 - energy and utility management;
 - renewable energy;
 - energy assurance planning and preparedness; and
 - alternative fuels, advanced vehicle technologies, sustainable transportation.

ENERGY IN TRANSPORTATION EFFORTS

EXAMPLE 1: Drive Electric Tennessee

- Core team of State agencies, electric utilities, cities, universities, EV OEMs, and DOE Clean Cities Coalitions working to develop of a shared vision for electric transportation in TN, including goals and guiding principles for increased light-, medium-, and heavy-duty EV adoption over the next 5-10 years.
- EV opportunity areas and projects have been identified, including increasing consumer awareness **and** EV charging infrastructure availability.
- Roadmap expected to be finalized within the next 4-6 weeks.

EXAMPLE 2: TennSMART Consortium

- Public-private consortium encompassing a growing number of TN and regional organizations that work together to develop scientific knowledge and new technologies that could change how America transports people and goods.
- Members include smart cities, vehicle manufacturers and suppliers, fleet operators, software developers, utilities, and State agencies.
- Research and development will focus on the following:
 - Connected and automated vehicles
 - Electric vehicles
 - Cybersecurity
 - Freight efficiency
 - Multimodal commuting

VW Environmental Mitigation Trust

- Final Beneficiary Mitigation Plan released in September
- State of TN's \$45.7 million allocation will be split across the following Environmental Mitigation Action categories:
 - Class 8 Local Freight Trucks and Port Drayage Trucks: 10%
 - Class 4-7 Local Freight Trucks: 15%
 - Class 4-8 School Bus, Shuttle Bus, or Transit Bus: 60%
 - Light Duty Zero Emission Vehicle Supply Equipment: 15%
- These categories allow the State to target the two sectors that make up approximately 75% of TN's mobile NOx emissions: the on-road, diesel heavy duty sector (33% of mobile NOx emissions and 62% of mobile diesel NOx emissions) and the on-road, non-diesel light duty sector (40% of mobile NOx emissions).