

EV PREPAREDNESS FOR MPOs, ADDs & DOs



Electric vehicles (EVs) are growing in popularity in Kentucky and across the nation. Kentucky is also rapidly becoming the leader in EV battery manufacturing with over \$11.6 billion in new investment coming to the state over the next few years. With these changes underway, now is the time for Metropolitan Planning Organizations (MPOs), Area Development Districts (ADDs) and Kentucky Transportation Cabinet (KYTC) District Offices (DOs) to prepare.

EDUCATE MPO/ADD/DO MEMBERS AND STAFF ABOUT EVs AND EV INFRASTRUCTURE.

- ⚡ **Websites/Webinars** – Learn about EVs and EV funding on websites hosted by USDOT, USDOE, the Joint Office, non-profits or others.
- ⚡ **EV Infrastructure** – Understand the uses and costs for Level 2 and Level 3 (DCFC) charging.
- ⚡ **Host/Present** – Invite an EV infrastructure expert to speak at an MPO or ADD event.

COLLABORATE WITH PEER AGENCIES AND OTHERS INVOLVED WITH EV INFRASTRUCTURE IN YOUR AREA.

- ⚡ **Local Agencies** – Find out what communities in your region are doing.
- ⚡ **Electric Utilities** – Talk with electric utilities about their current and future EV planning efforts.
- ⚡ **Other Organizations** – Reach out to groups like the KY Clean Fuels Coalition, TVA, and Evolve KY.

PLAN FOR EVs AND EV INFRASTRUCTURE IN YOUR COMMUNITY.

- ⚡ **EV Infrastructure Planning** – Determine your region's EV infrastructure needs and how to address them. Support and fund the EV planning efforts of member agencies.
- ⚡ **Planning Considerations** – Consider economic development opportunities, workforce development requirements, and equity in your EV infrastructure planning.

FUND AND INCENTIVIZE NEW EV INFRASTRUCTURE IN YOUR COMMUNITY.

- ⚡ **Private Sources** – Most EV infrastructure to date has been installed using private funds and this trend is expected to continue. Talk to private firms, utilities, and non-profits (like those listed above) about how you can collaborate.
- ⚡ **Volkswagen Settlement Funds** – EEC Rebate program. Requires 50% match. EEC to announce details in 2024.
- ⚡ **NEVI Formula Funding Program** – Federal program. Limited to direct current fast charging (DCFC) stations along Interstates and Parkways until FHWA approves build-out. KYTC issued a Request for Proposals (RFP) in 2023 and awarded 24 projects. A second RFP was released in February 2024 with proposals due in April 2024.
- ⚡ **NEVI Competitive Grant Program** – Federal program. A total of \$2.5 billion is available over 5 years. The next notice of funding opportunity is expected in summer 2024.

SUPPORT AND DEPLOY EV INFRASTRUCTURE, GUIDELINES, AND STANDARDS.

- ⚡ **Public EV Infrastructure** – Facilitate, support, or fund charging stations. Determine if there are partners you could support.
- ⚡ **Funding Support** – Help member agencies as they develop funding/grant applications.
- ⚡ **Publicity and Support** – Promote EV infrastructure awareness among businesses, developers, realtors and the public.
- ⚡ **Codes and Standards** – Work with and support local agencies as they determine what administrative changes might be needed related to building codes, inspections, signage, and zoning for commercial, workplace, multifamily and residential development.

Notes: USDOT = U.S. Department of Transportation; USDOE = U.S. Department of Energy; DCFC = Direct Current Fast Charging; TVA = Tennessee Valley Authority; EEC = Energy and Environment Cabinet; NEVI = National Electric Vehicle Infrastructure; KYTC = Kentucky Transportation Cabinet; FHWA = Federal Highway Administration

