

EV PREPAREDNESS FOR LOCAL GOVERNMENT



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 billions in new investment coming to the state over the next few years. Now is the time for local agencies to prepare.

EDUCATE AGENCY LEADERSHIP AND STAFF ABOUT EVs AND EV INFRASTRUCTURE.

- ⚡ **Websites/Webinars** – Learn about EVs and EV funding on websites hosted by the [U.S. Department of Energy Alternative Fuels Data Center](#), non-profits or others.
- ⚡ **EV Infrastructure** – Understand the uses and costs for Level 2 and Level 3 (DCFC) charging.

COLLABORATE WITH PEER AGENCIES AND OTHERS INVOLVED WITH EV INFRASTRUCTURE.

- ⚡ **Electric Utilities** – Talk with electric utilities about their current and future EV planning efforts.
- ⚡ **Other Communities** – Consider collaborating on EV planning and deployment with surrounding communities.
- ⚡ **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** – Identify EV infrastructure needs and what your agency can do to help address those needs. Consider home (single-family and multi-family), workplace, destination, and community charging needs and locations.
- ⚡ **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** – Level 2 and Level 3 rebate program funding is available; applications can be found through the [EEC](#).
- ⚡ **NEVI Formula Funding Program** – Federal program that supports development of charging along major corridors and within communities. KYTC has issued four Request for Proposals (RFP). Dozens of sites are open to the public, in development, and under construction.

SUPPORT AND DEPLOY EV INFRASTRUCTURE, GUIDELINES, AND STANDARDS.

- ⚡ **Public EV Infrastructure** – Facilitate, support, or fund charging stations in your community. Determine if there are partners you could support.
- ⚡ **Publicity and Support** – Promote EV infrastructure awareness among businesses, developers, realtors and the public. Consider promoting guidance on EV infrastructure.
- ⚡ **Codes and Standards** – 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; RFP = Request for Proposals

