



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 over \$9 billion in new investment coming to the state over the next few years. With these changes underway, now is the time for local agencies to prepare for the transition to EVs and the deployment of EV infrastructure.

EDUCATE AGENCY LEADERSHIP AND STAFF ABOUT EVs AND EV INFRASTRUCTURE.

- + **Websites/Webinars** – Learn about EVs and EV funding at websites hosted by USDOT, USDOE, non-profits, or others.
 - **USDOE:** afdc.energy.gov/fuels/electricity.html; **USDOT:** transportation.gov/rural/ev/; **USDOT and USDOE Joint Office:** driveelectric.gov
- + **EV Infrastructure** – Understand uses and costs for Level 2 and Level 3 (DCFC) charging.

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

- + **Electric Utilities** – Talk with electric utilities about their current and future EV planning efforts.
- + **Other Communities** – Consider collaborating on EV planning and deployment with your 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** – EEC Rebate program. Requires 50% match. EEC to announce details in 2023.
- + **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 Draft RFP. Go to: transportation.ky.gov/Planning/Pages/EVPlan.aspx
- + **NEVI Competitive Grant Program** – Federal program. Notice of funding opportunity to be announced in 2023. A total of \$2.5 billion available over 5 years.

SUPPORT AND DEPLOY EV INFRASTRUCTURE, GUIDELINES, AND STANDARDS.

- + **Public EV Infrastructure** – Implement the plan. 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