CVPDC ELECTRIC VEHICLES (EV) CHARGING INFRASTRUCTURE INITIATIVE

Your CVPDC staff is providing information and staying current on available resources, grants, and funding opportunities to support local efforts that align with national and state electric vehicle charging infrastructure initiatives. They share a summary of resources, programs, potential funding sources, and links to detailed information with your TTC members.

To qualify for funding from programs like VDOT NEVI, a partnership between site hosts, property owners, EV technology providers, and utility companies is required. To identify these partners, the Virginia Clean Cities (VCC) Coalition can assist us with stakeholder outreach efforts. For example, the VCC and CVPDC staff can connect your economic development and tourism directors or other relevant staff in your locality with EV experts and resources. This effort can help identify businesses along the NEVI corridors (Rt. 460 and Rt. 29) and gauge their interest in a partnership. The VCC can also be a neutral intermediary between site hosts, electric companies, and EV technology vendors. For this purpose, we have compiled a list of tasks and deliverables VCC will help achieve for this initiative, which can be found on the following page.

This initiative aims to develop a well-defined plan for identifying and recommending priority locations within our communities for EV charging and alternative fueling stations. A regional plan could help improve the chances of securing funding for implementation and construction and address infrastructure gaps to meet growing demand. This will advance national efforts and facilitate access to a convenient, affordable, reliable, equitable, and safe fueling and charging network in our region.

The table below lists examples of local and regional governments' approaches to advancing EV infrastructure plans. The link directs you to the full document published online.

RESOURCE	DESCRIPTION
Virginia Beach Community Charging Plan (2023)	City's plan outlines how it can address EV charging infrastructure deployment, based on literature, expert input, city staff contributions, public engagement, and spatial analysis. It culminates in 34 recommendations and 70 actions for the City.
Metropolitan Washington Council of Governments	Regional EV readiness working group and clearinghouse with resources for local governments.
Richmond EV Initiative Readiness Plan (2013)	Funded by DOE, it sets the stage for the region's EV adoption.
PlanRVA Priority Climate Action Plan (2024)	Received funding from EPA's Climate Pollution Reduction grant, currently in the survey phase for a Comprehensive Climate Action Plan.
South Central Regional Council of Governments & Live Green Connecticut Municipal EV Readiness Toolkit (2020)	Presents results from a 12-week training series on EV readiness topics relevant to local governments.
Kings County Association of Governments Electric Vehicle Readiness Plan (2020)	Maps multifamily housing density in each municipality within their region as part of an initiative to ensure equitable investment in EV infrastructure.
San Bernardino Council of Governments Zero-Emission Vehicle Readiness and Implementation Plan, California (2019)	Details existing conditions, future infrastructure needs, and a comprehensive plan to help the region meet those needs.
Flint Hills MPO EV Readiness Plan, Kansas	(website). In the works, and currently in the assessment and analysis phase. A timeline and the project task list are posted on their website to give an idea of the process.
Hillsborough TPO Electric Vehicle Infrastructure Plan, Florida (2023)	Shares result from community engagement efforts and propose policy recommendations and strategies for EV infrastructure deployment.
Eagle County Electric Vehicle Infrastructure Plan, Colorado (2023)	A county-focused plan that describes siting criteria and outlines the strategies intended to help the county meet its EV adoption goals.

In line with future CVPDC initiatives, we can consider including an Electric Vehicle Charging Infrastructure component in our 2050 Long-Range Transportation Plan.