

Electric Vehicle (EV) Charging Pilot Program

Purpose of EV Pilot Program

History

- 2017: Public Conference 44 (PC 44) EV Work Group began meeting.
- 2018: Petition to Implement Statewide EV Portfolio filed in January for Commission's review. Hearings held in May and September.
- 2019: Commission Order 88997 issued approving a modified pilot across the four investor-owned electric utilities (BGE, Pepco, Delmarva, and Potomac Edison) in Maryland. Maryland's largest electric cooperative (SMECO) was separately approved to run a public-charging pilot program.
- 2022: Commission Order 90036 issued approving, in part, modifications to the EV Pilot Program

Pilot Deliverables

- Assist customers in understanding and managing their EV charging load.
- Collect data and information on EV charging patterns and behavior to enable the design of future rates, technology opportunities, and other EV programs.
- Collect data and information on grid impacts.

Pilot Details

- Offered from 2019-2023. (See [Case No. 9478](#) for more details.)
- **Residential:** over 3,000 rebates available for smart chargers for homes.
 - Participating utilities are required to develop EV-Only Time-of-Use rates.
- **Nonresidential:** combined over 1,000 charger rebates and/or utility-owned charging stations available for multi-unit dwellings, fleets, and workplaces.
 - Demand charge credit for workplace, fleets, multi-unit dwellings and a limited number (300) of public DC Fast Chargers.
- **Public:** over 960 utility-owned charging stations limited to property leased, owned, or occupied by state, county, or municipal government.
 - Utility may charge customers Commission-approved charging rates.
- **Fleet:** online calculator tool

Additional Information on Electric Vehicles

- Maryland Zero Emissions Electric Vehicle Infrastructure Council (ZEEVIC):
 - <https://www.mdot.maryland.gov/tso/pages/Index.aspx?PagelId=81>
 - <https://maryland.maps.arcgis.com/apps/MapSeries/index.html?appid=f8c9dce0e3a8438caf8e53b71079834f>
 - <https://marylandev.org/>
 - <https://evplan.mdot.maryland.gov/>