



October 23, 2024

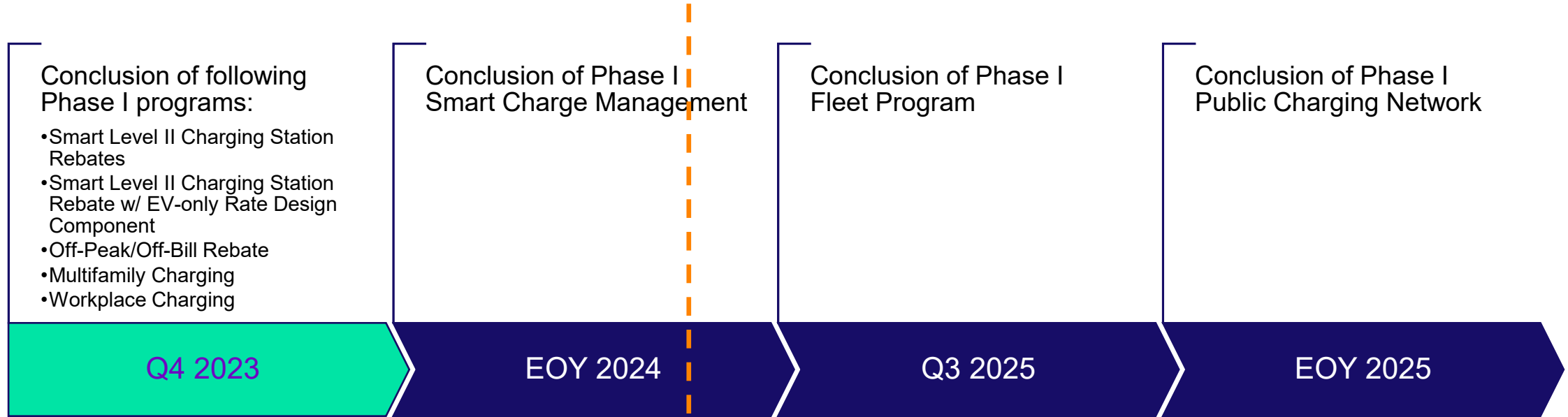
Pepco and Delmarva Power Maryland EV Phase II Programs

Advancing EV Adoption in Maryland



1. Committed to **advancing Maryland's** decarbonization, beneficial electrification and EV adoption goals
2. Developed a comprehensive portfolio of EV charging programs to **address barriers to EV adoption** and learn more about customer charging habits and future grid impacts
3. Embraced the **Utilities' role as active partners** in transportation electrification, accelerating infrastructure development while addressing load management and grid preparedness

EV Phase I Offerings



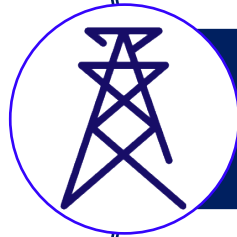
Future Program Offerings Opportunities

1. Participate as an active partner in the transportation electrification shift by providing information and support to our customers
2. Manage impact to the grid through passive and active managed charging
3. Support infrastructure growth through targeted make-ready incentives with an emphasis on equity and accessibility

**General
Feedback from
Intervenors on
EV
Transportation
programs:**



Mitigate impact of new EV load through active load management to reduce overall impact to the grid infrastructure



Utility-side costs should be recovered through traditional mechanisms



Passively incentivize customers to align charging patterns with existing grid availability

Customer Benefits from Phase II Programs



Make-Ready & Support

- Increased access to and reduced cost of EV charging infrastructure
- Increased incentives for small business customers and under-resourced communities
- Improved air quality



Public Infrastructure

- Maintains public charger reliability at 97% uptime to bolster customer confidence in the availability of charging infrastructure
- Accessible charging for individuals where charging at their residence is not presently feasible



Load Management

- Shifts and flattens EV charging load to reduce the burden on distribution assets while meeting driver mobility needs
- Incentivize EV users to adapt charging habits to minimize impact to the grid

Phase II Portfolio Summary

Type	Market Segment	Program	Description
Make-Ready & Support	Commercial	Destination Charging Make Ready	Incentives to support installation of charging stations at commercial facilities/travel destinations.
		Public Transit Bus Make Ready	Incentives to address the infrastructure development needs of public transportation providers.
		Multi Family Make Ready	Incentives for charging ports installed at multifamily locations.
		Private Fleet Charging	Incentives to support private fleet customer installation of charging infrastructure for use by fleet vehicles operating in or serving Justice 40 (J40) communities.
		EV Make Ready Site Assessment Services	Provides a pre-application technical assessment for the siting of EV fleet conversions and DCFC locations.
Public Infrastructure	Public	Utility-owned public charging	Operate and maintain the existing Company-owned public EV charging stations.
Load Management	Residential	Smart Charge Management	Residential customers opt in to EV load management and are incentivized to let the utility shift load as needed.
		EV Time-of-Use	Residential customers opt into a passive EV load management schedule and are incentivized to charge off peak.

Filing Timeline



September/October 2024

Program design stakeholder engagement



December 2024

File EV Phase II programs



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