

Electric Vehicles & Infrastructure for a Greener Maryland: DGS' EV Infrastructure Program

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MDOT
MARYLAND DEPARTMENT
OF TRANSPORTATION

**UNIVERSITY SYSTEM
of MARYLAND**



Maryland State Fleet

Pool Vehicles (Passenger)

Assigned Vehicles (Passenger)

Special Use Vehicles (Police, Transit, Medium & Heavy)

*Fleet is managed by Dept. of Budget & Management
(DBM)*





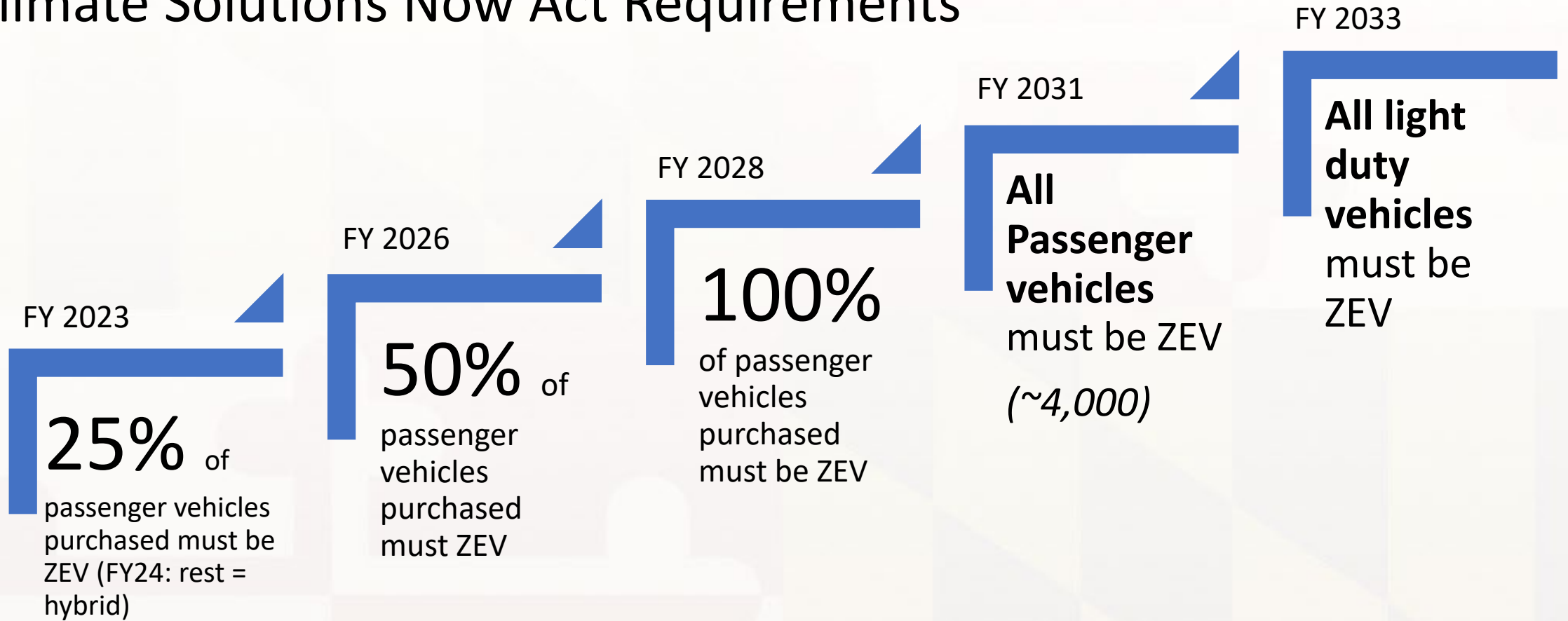
History

2019: A need for a state-wide coordinated approach to installing ZEV charging infrastructure to support an increasingly electric fleet.

2022: Reinforced by Statutory Requirement



Climate Solutions Now Act Requirements





Vision



DGS Electric Vehicle Infrastructure Program:

A centralized program for State government's EV fleet charging needs

- Continuity of Operations*
- Training and Guidance*
- Stakeholder Collaboration*



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Planning & Project
Development



Program Strategy
& Policy



Design, Procurement &
Construction



State Agency
Coordination



Data Collection
& Reporting



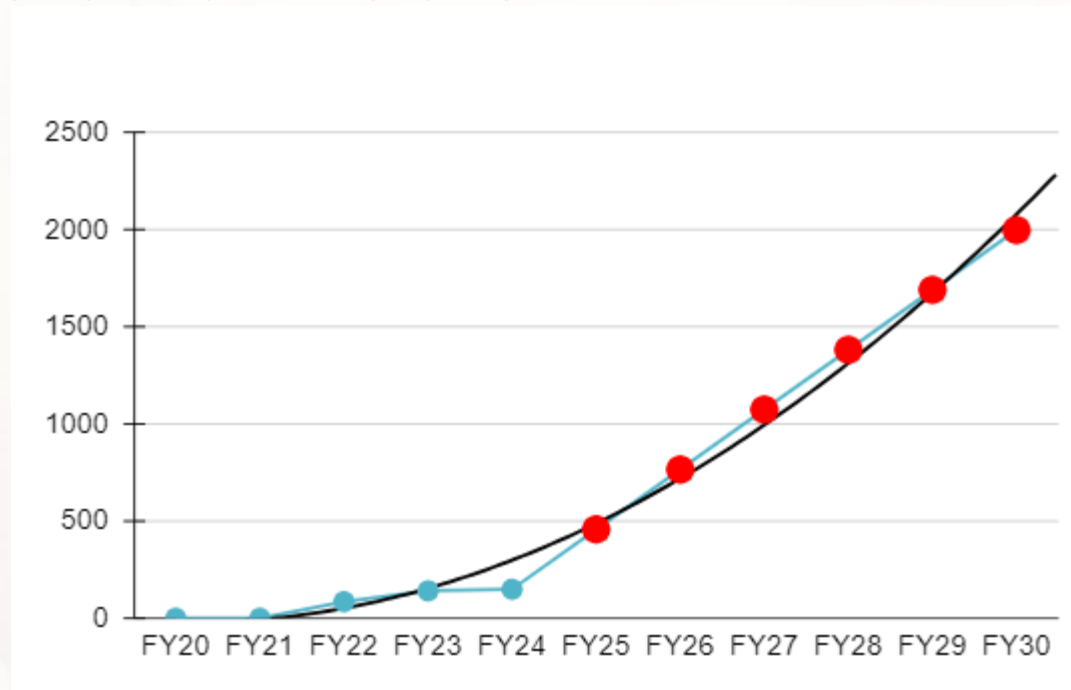
Education &
Support



Progress and Goals

149 EV Charging Ports
installed since FY22

Goal: ~2,000 ports
installed by 2031





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Map of EV Charging at State Facilities



Charging & Fueling at ...

DGS EV Infrastructure Program

▼ This map includes Electric Vehicle (EV) charging stations located at Maryland State facilities and State owned fueling sites. The intent is to assist 397 views
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EV Charging Stations

▼ Electric Vehicle Charging

ICE Fueling Stations



Areas of Opportunity

- *EV Charging repair and maintenance*
- *Simplified charging experience*
- *Data aggregation*
- *Cost effective workplace charging options*
- *Ways to make charging easier and more reliable*



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Thank You

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