

Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) May Meeting

Meeting Date: 5/15/2025

Meeting Location: Hybrid – Teams Meeting and MDOT HQ

ZEEVIC Members/Appointed Representatives in Attendance:

- Lovaas, Deron (MDOT), ZEEVIC Chair
- Amiel, Sari (Sierra Club)
- Edmondson, David (City of Frederick/MML)
- Forsythe, Nina (City of Frostburg/MML)
- Heuver, Marcel (LKQ Corporation)
- Kaltenbaugh, Ron (EVADC)
- Lopez, Diego (MEA)
- Powell, Ryan (Commerce)
- Sharp, Korin (DGS)
- Shepherd, Tim (MDE)
- Shin, Hyeon-Shic (Morgan State University)
- Verchinski, Paul (Public)
- Wall, Michael (Clinton Electric)
- Wilson, Scott (EVADC)
- Wynne, Vincent (PHI)
- Young, Weston (Worcester County/MACO)

ZEEVIC Member Alternates:

- Baker, Ben (PSC)
- duPont, Sam (BGE)
- Lindenbaum, Isaak (OPC)
- Sheridan, John (Prince George's County Council/MACO)

Other Presenters:

- Bankard, Rebecca (MDOT/MBI)
- Borkoski, John (PSC)
- Cortazzo, Sophia (MDOT)
- Hinh, Amanda (MDOT)
- Reed, Catherine (NASEO)
- Verclas, Kirsten (NASEO)

Staff:

- Burke, Virginia (MDOT)
- Francis, Kameice (MDOT/MBI)

Welcome

- Chair Deron Lovaas briefly welcomed attendees and opened with a statement reaffirming MDOT's commitment to Maryland's ZEV fleet and infrastructure.

Public Comments

- Lanny Hartman highlighted the [State of the Industry Report: U.S. EV Fast Charging — Q1 2025](#). This study examined the reliability of public fast charging stations across the United States. Explained that only 4 states had a score lower than Maryland. Sought insight on how Maryland's score could be improved.

Maryland By the Numbers

Rebecca Bankard, MDOT/MBI

- Rebecca Bankard reviewed the monthly electric vehicle (EV) registration numbers for Maryland.
- A lower average growth rate was observed from January 2024 to April 2025. During the period of January 2024 to April 2025, EVs had an average growth rate of 2.4% per month. In comparison, January 2023 to April 2024 had a 3.1% average growth rate. From January 2024 to April 2025, the highest monthly growth rate was 4.1% and the lowest monthly growth rate was 1.0%.



- More battery electric vehicles (BEVs) are registered in Maryland than plug-in hybrid electric vehicles (PHEVs) and the percentage difference is growing. As of April 2025, 72% of all EVs in Maryland were BEVs.

2025 Maryland General Assembly Legislative Session Recap

Sophia Cortazzo, MDOT

- Sophia Cortazzo provided a recap of the 2025 Maryland General Assembly (MGA) legislative session on behalf of ZEEVIC Legislative Working Group Chair, Josh Cohen. She provided a brief summary of ZEV-related bills from the 2025 session including bills that passed and did not pass, and implications for the future.

Electricity Distribution System Planning – Implications for EV Charging Infrastructure Deployment ***Distribution System Planning and EV Charging Infrastructure Deployment***

Kirsten Verclas and Catherine Reed, National Association of State Energy Officials (NASEO)

- Kirsten Verclas introduced NASEO and explained its role. Outlined how the distribution system planning has changed and its status nationally and within Maryland. Also, explained how load forecasting has evolved due to changes in demand and delved a little deeper to discuss EVs' impacts on load forecasting. Explored other topics related to distribution system planning such as modelling, hosting capacity analysis and gaps, and rate design.

Outcomes of the Distribution System Planning (DSP) Work Group – Electric System Planning Regulation

John Borkoski, Public Service Commission (PSC)

- John Borkoski provided background information on electric system planning regulation in Maryland. Gave an overview of six regulations proposed by the PSC's DSP Workgroup. Further explained proposed regulations .03-Plan Process, .04-Plans and Plan Updates, and .05-Metrics.

Questions

- Sari Amiel asked if annual plans respect changes to state policy. John Borkoski confirmed that they do.
- Nina Forsythe asked for more information on the largest load problem areas. John Borkoski explained that while this is utility-specific, a study was recently conducted and determined that any load demand increases observed will be manageable. Ethan Holmes (BGE Planning) supplemented John's response and explained that rapid electrification is concerning but will be addressed using DER storage.
- Scott Wilson asked whether utilities address stress on the grid proactively or after the stress is evident. Also, asked about the feedback time the planning process after stress appears. Ethan Holmes explained that for utilities, communication with customers and access to Advanced Metering Infrastructure (AMI) data is key to addressing stress on the grid.
- Virginia Burke asked about relevant aspects of electricity system planning for those interested in EV infrastructure deployment. Kirsten Verclas explained it would be prudent to observe the behavior of EVs, data centers, and electrified buildings. Stated that the locations of concentrations of medium and heavy duty EVs should also be noted. Recommended ongoing commitment to data collection to inform expectations and planning.
- Ron Kaltenbaugh asked if the PSC was watching the development of solar panels and clean energy generation.

State Agency Announcements & Updates

- **Maryland Department of Transportation (MDOT):** Amanda Hinh highlighted MDOT's Zero Emission Vehicle Infrastructure Plan (ZEVIP) Survey. The survey may be accessed [here](#) and closes on June 13, 2025.
- **Maryland Energy Administration (MEA):** Diego Lopez provided updates on multiple programs:
 - [EVSE Rebate Program](#)
 - [Medium & Heavy-Duty EV Grant Program](#)
 - [School Bus Grant Program](#)
 - [Community EVSE Grant Program](#)
- **Maryland Department of the Environment (MDE):** Tim Shepherd provided updates on the EVSE infrastructure programs funded by the [Volkswagen settlement](#).
- **Maryland Department of General Services (DGS):** Korin Sharp provided an update on the State Fleet [Electric Vehicle Infrastructure Program \(EVIP\)](#) and highlighted the April 30 DGS [Earth Day event](#).

EV Phase 2 Program – Milestones Update

Virginia Burke, MDOT

- Virginia Burke provided a high-level recap of the EV Phase 2 Program milestones achieved between December 2024 and May 2025. Summarized program types, proposals, written comments, and program themes. Briefly discussed ZEEVIC's potential role.

Closing Remarks

Chair Deron Lovaas

- The next ZEEVIC meeting will be held on July 23.
- To receive ZEEVIC Meeting Notices, email: ZEEVIC@mdot.maryland.gov.

Next ZEEVIC Meeting

July 23, 2025