

# Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) October Meeting

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**Meeting Date:** 10/23/2024

**Meeting Location:** Hybrid – Teams Meeting and MDOT HQ

**ZEEVIC Members/Appointed Representatives in Attendance:**

- Lovaas, Deron (MDOT), ZEEVIC Chair
- Alfred, Joe (Ally Power)
- Amiel, Sari (Sierra Club)
- Forsythe, Nina (City of Frostburg/MML)
- Fraser-Hidalgo, Delegate David (District 15 Montgomery County)
- Heuver, Marcel (LKQ Corporation)
- Kaltenbaugh, Ron (EVADC)
- Lopez, Diego (MEA)
- Shepherd, Tim (MDE)
- Verchinski, Paul (Public)
- Wall, Michael (Clinton Electric Company)
- Wilson, Scott (EVADC)
- Young, Weston (Worcester County)

**ZEEVIC Member Alternates:**

- Baker, Ben (PSC)
- Coyle, Catherine (PHI)
- Janaskie, Amanda (BGE)
- Law, Natasha (SMECO)
- Lindenbaum, Isaak (OPC)

**Other Presenters:**

- Bankard, Rebecca (MDOT/MBI)
- duPont, Sam (BGE)
- Leach, Stephanie (BGE)
- Martinez-Hart, Alena (BGE)
- Moberg, Eric (PHI)
- Smouse, Brittani (Potomac Edison)

**Staff:**

- Burke, Virginia (MDOT)
- Cortazzo, Sophia (MDOT)

**Welcome and Announcements**

Chair Lovaas welcomed attendees and opened with a statement regarding recent advancements in vehicle electrification and decarbonization and state collaboration on the topic.

- A new ZEEVIC member was introduced. Marcel Heuver, affiliated with LKQ Corporation, was appointed to the seat designated for a Zero Emission Vehicle (ZEV) Automotive Dismantler and Recycler.
- A new ZEEVIC working group (WG) will be forming. The upcoming ZEEVIC Communications WG will facilitate the requirement that ZEEVIC increase consumer awareness and demand for ZEVs through public outreach.
- Maryland Department of Transportation (MDOT): The [MD-NJ-PA-WV Charging Ahead Partnership: I-81 and I-78 Freight Corridor](#) project was submitted in response to Round 2 of the Charging and Fueling Infrastructure (CFI) Program.

- Public Service Commission (PSC): An update was given about the electric vehicle supply equipment (EVSE) WG that was established by [SB951/ HB1028](#). The multi-agency WG has been meeting since July and its report will be filed on November 1, 2024.
- Maryland Department of the Environment (MDE)
  - [Electric School Bus Grant](#) is open. \$3 million in legislative funds. Proposals are due on February 7, 2025, and awards will be made in Spring 2025.
  - ACT Needs Assessment Report: MDE is currently working through the procurement process. The study is expected to be completed in Fall 2025.
  - Three funding opportunities were also highlighted. They will be funded by the Volkswagen Settlement.
    - Electric School Buses: Approximately \$4-\$5 million.
    - Electric MHD trucks: \$4 – \$5 million. Can be used for the purchase of trucks.
    - 3<sup>rd</sup> round of Light-Duty EVSE grants (Charge Ahead grant program (CAGP) and Electric Corridors grant program (ECGP)): Around \$3.7 million.
- [RFI on MHD Electric Charging Technologies and Infrastructure Needs](#): Administered by FHWA and the Joint Office. Seeks input in four areas related to MHD EV charging. Due on November 12, 2024.

#### Public Comments

- **Kelly Bobek (Volvo)** asked if funding for MHD trucks would be subject to a scrappage requirement, and if the funding is separate from the ACT Program. Tim Shepherd confirmed a scrappage requirement will apply, and the funding is separate.
- **Paul Verchinski** announced that the Department of Energy’s (DOE) EV WG will begin meeting virtually in November. There will be three meetings and interested persons can sign up to participate. Will focus on MHD adoption, grid integration, and charging networks. For more information, please visit the [link](#) provided.
- **Hunter Young (Charge Ahead)** requested updates related to Utility EV Programs being proposed under Phase 2 of the Pilot Program. Chair Lovaas explained that today’s ZEEVIC meeting responds to that question.
- **Emmanuel Wagner (US Hydrogen Alliance)** stated that Hydrogen Fuel Cell Day was on October 8<sup>th</sup>. Announced that the Appalachian Region Hydrogen Hub (ARCH 2), located in West Virginia, Ohio, and Pennsylvania; and the Mid-Atlantic Clean Hydrogen Hub (MACH2), located in Pennsylvania, Delaware, and New Jersey are proceeding towards implementation. Requested that ZEEVIC consider developing a hydrogen roadmap. Also offered to organize a tour of a hydrogen fueling station in Washington, D.C.
- **Joyce Breiner** asked for clarification regarding Maryland’s EV adoption goal.

#### Update – Governor’s Executive Order Implementing Maryland’s CPRP

##### Deron Lovaas, MDOT Chief of Environment and Sustainable Transportation

- Chair Lovaas provided updates on the implementation of Governor Moore’s [Executive Order](#) (EO), issued on June 4, 2024. Explained that the EO directs Maryland’s government agencies to submit climate implementation plans. Provided an update about the Zero-Emission Vehicle Infrastructure Plan (ZEVIP). Stated that it is currently being developed. Further explained that the National Electric Vehicle Infrastructure (NEVI) program will be prominently featured. ZEEVIC will provide advice throughout plan development. ZEVIP is slated for release in mid-2025.



## 2024 By the Numbers – 2024 ZEEVIC Annual Report

### Rebecca Bankard (MDOT/MBI)

- Rebecca Bankard explained that the 2024 ZEEVIC Annual report has been streamlined and will include a 'By the Numbers' section, which summarizes data on important initiatives that have happened in Maryland over the last year. These include EV growth and progress toward the State EV adoption goal, State fleet infrastructure, ZEV infrastructure build-out, State investment and funding, EV education and outreach, and data from the PSC and utility programs.
- Answered the question previously asked by Joyce Breiner by explaining that the previous EV adoption target was set as a part of the ZEV MOU in 2012. The current, more stringent target was established by the Climate Solutions Now Act (CSNA)- 1.3 million EVs on the road by 2031.
- The draft 2024 ZEEVIC Annual report will be shared with ZEEVIC members for feedback. The review process will be from November 1<sup>st</sup> - 8<sup>th</sup>.
- Emmanuel Wagner asked if the numbers include MHD EVs. Rebecca Bankard explained that the data received from MVA does not go into that level of detail but that may be possible in the future.
- Scott Wilson (EVADC) stated that a 40% annual growth rate will be required to achieve the 1.3 million EV goal. Sophia Cortazzo and Rebecca Bankard explained the State has historically seen annual growth rates between 30 and 40%. Chair Lovaas stated that there are approximately 20 times more EVs on the road and 4 times more chargers than in 2015.
- Nina Forsythe asked if there is a breakdown by county. Rebecca Bankard confirmed that there is a breakdown by county and EV type posted on the [EV Dashboard](#).
- Joyce Breiner stated that, by their estimations, every two years the number of EVs doubles. Explained that their extrapolation shows there will be 1.2 million EVs on the road in 2031. Further stated that there has been an increase in the 2024 rate of adoption, in comparison to 2023.

## Utility Proposals – EV Pilot Phase 2

### Public Service Commission Order 91297

#### Ben Baker, PSC

- Ben Baker discussed Order 91297 'Electric Vehicle Pilot Phase 1 Evaluation and Next Steps,' issued August 23, 2024. Order 91297 made findings about utility Phase 1 EV pilots and directed utilities to provide Phase 2 proposals addressing a variety of program components.
- Order 91297 also gave additional requirements to the PSC's EV WG and asked the Utilities to coordinate with ZEEVIC on certain program components, including Fleet and Workplace programs, multi-family charging, and public charging.
- Elissa Reineck asked if Baltimore Gas and Electric (BGE) projects that were in the queue for the first round of the pilot were still approved to proceed, and commented on the Office of People's Counsel's (OPC's) summary of comments. Emmanuel Wagner asked if the PSC has allowed utilities to invest in hydrogen fueling infrastructure. Ben Baker responded that that discussion had not been had.

- Antoine Thompson commented that they appreciate that PEPCO and BGE have deployed chargers in some underserved areas, and hopes deployments will continue, especially at transit stations.

### **Utility EV Pilot Phase 2 Proposals**

#### **Baltimore Gas and Electric (BGE)**

- Stephanie Leach, Sam duPont, and Alena Martinez-Hart gave an overview of BGE Phase 2 proposals, and reviewed programs that are existing, planned, discontinued, and in development under three portfolios (Managed Charging, Community Charging, and Commercial Charging).

#### **Pepco and Delmarva Power (PHI)**

- Catherine Coyle and Eric Moberg discussed progress related to Phase 1 programs, decisions made about their continuation, and how PHI intends to address Phase 2 programs. Highlighted PHI's commitment to advancing Maryland's existing transportation decarbonization goals. Stated that most Phase 1 programs have been concluded and provided details about Phase 2 programs.

#### **Potomac Edison**

- Brittani Smouse provided updates about the Maryland EV DRIVEN Phase 2 proposal. Outlined updates to existing Phase 1 programs and discussed new program elements that will be added as part of Phase 2.

#### **Southern Maryland Electric Cooperative (SMECO)**

- Natasha Law highlighted SMECO's commitment to advancing Maryland's decarbonization and the beneficial adoption of EV adoption goals. Explained that SMECO was ordered by the PSC to end residential rebates and its data share program. Also stated that the installation of chargers has been completed. Discussed strategies to improve Phase 1 programs and plans to implement Phase 2 programs.

### **Closing Remarks**

- Chair Lovaas closed the meeting with an invitation for comments and questions about the Utility Phase 2 Proposals to be submitted to the ZEEVIC email account. Comments will be most useful if received by October 31<sup>st</sup>.
- Dates for ZEEVIC quarterly meetings in 2025 are expected to be January 22, April 23, July 23, and October 22. The 2025 meeting series will be sent out to the ZEEVIC distribution list in December 2024.
- To receive ZEEVIC Meeting Notices, email: [ZEEVIC@mdot.maryland.gov](mailto:ZEEVIC@mdot.maryland.gov).

**Next ZEEVIC Meeting**

**January 22, 2025**