

Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) November Meeting

Meeting Date: November 17, 2021

Meeting Location: Phone/Webinar and MDOT HQ

ZEEVIC Members/Appointed Representatives in Attendance:

- R. Earl Lewis Jr., Chair
- Joe Alfred (Ally Power)
- Nina Forsythe (City of Frostburg/MML)
- Delegate David Fraser Hidalgo (MD Assembly)
- Ben Grumbles (MDE)
- Mike Jones (MEA)
- Senator Clarence Lam (MD Assembly)
- David Lapp (OPC)
- Kevin Miller (ChargePoint)
- Jeff Shaw (SMECO)
- Elvia Thompson (Annapolis Green)
- Paul Verchinski (Public Representative)
- Scott Wilson (EVA DC)
- Bob Wimmer (Toyota)
- Bihui Xu (MDP)
- Weston Young (Worcester County/MACO)

ZEEVIC Member Alternates:

- Joey Chen (PSC)
- Brianne Jordan (Pepco)

Other Presenters:

- Joe Consoli (DBM)

Staff:

- Virginia Burke
- Haley Erickson (ICF, supporting MDOT)
- Carrie Giles (ICF, supporting MDOT)
- Rebecca Bankard
- Dan Janousek

Welcome and Announcements

- MDOT Deputy Secretary, R. Earl Lewis, Jr. welcomed all meeting participants and introduced a new ZEEVIC member, David Lapp, Office of the People's Council (OPC).
- Kelley Blue Book has ranked Maryland 6th in a [study](#) examining the number of charging points available for electric vehicles (EVs).
- President Biden signed the Infrastructure Investment and Jobs Act on November 15, 2021. Information on Maryland's appropriated funding will be shared as details become available.

Public Comments

- Joyce Breiner noted that she has seen an uptick of interest in multi-unit dwelling (MUD) electric vehicle supply equipment (EVSE) infrastructure installations at MUDs, churches, and other community spaces.
- Jim Wagner expressed concern about the share of renewable energy versus fossil fuels in the electricity grid, as electricity use increases with EV adoption. MEA provided resources on renewable energy data.
- Brian Gillespie (SemaConnect) noted that energy storage is an area that needs more development to support the future electric load. He also shared an [article](#) on long-duration batteries.

State Fleet Electrification

- To help reduce state greenhouse gas (GHG) emissions, Maryland's state fleet vehicles are beginning to transition to EVs, with a goal of 25% of state vehicle purchases to be EVs beginning in fiscal year (FY) 2023.
- The state fleet has 4,100 vehicles eligible for electrification, including 50 EVs. Eligible vehicles are considered vehicles with a viable EV option.
- The state purchases 400-600 vehicles annually; only 200-300 are eligible for electrification.
 - Beginning in FY22 and FY23, the state plans to purchase 50 to 75 EVs for the fleet.
- Vehicle purchases are funded through the Department of Budget and Management (DBM) existing budget, and the Strategic Energy Investment Fund.
 - In FY 2020, 74 EVs were purchased.
 - In FY 2021, 40 EVs were purchased, arrival in late 2021.
 - DBM estimates in FY22 80 EVs will be purchased.
- In FY21, several state agencies established a working group (WG) to coordinate EV integration efforts.
- Vehicle deliveries in FY22 will be delayed due to supply chain issues.
- State contracts include the Chevrolet Bolt, Nissan Leaf, and Ford Mustang Mach-E. Solicitations are open to any vehicle manufacturer that can provide vehicles that meet DBM specifications.

Consolidated Working Group Report

- The Legislative and Communications WGs held consolidated meetings in September, October, and November to develop outreach materials for 2022. Three materials were created and will be available on the ZEEVIC website:
 - 2022 Legislative Flyer
 - Purpose: Summarizes EV registration and charging station data. Provides a Policy Scorecard of policy options and status of Maryland's adoption of policies in comparison with other States.
 - ZEEVIC Purpose and Roles Handout
 - Purpose: Summary of how ZEEVIC was created, what ZEEVIC does, and who is part of ZEEVIC.
 - Current and Future State of Zero-Emission Vehicles (ZEVs) Presentation
 - Purpose: In-depth explanation of ZEVs and related infrastructure. Presents the business case for ZEV.

2021 Annual Report

- The draft 2021 Annual Report was shared with ZEEVIC members on November 15th for review.
- MDOT provided a summary of the report data.
- The report is due to the Legislature on December 1, and will be posted on the ZEEVIC web page by early December.

State Agency Updates

- Maryland Department of Planning (MDP)
 - MDP is currently reviewing and providing comments on Comprehensive Plans.
 - MDP reached out to the Department of Housing and Community Development about whether their programs are considering EV infrastructure or building codes.

- Maryland Department of Commerce
 - The Department is working with several companies looking to expand EVSE in Maryland. More details may come later.
- Department of General Services (DGS)
 - DGS is continuing to support EVSE installation at state sites. There are 25 active projects at 11 sites.
 - The DGS WG is developing EVSE use policies to standardize etiquette, signage, and other aspects of charging across the state.
- Public Service Commission (PSC)
 - The EV Pilot Program mid-course review hearing occurred on October 13th. A PSC order is forthcoming. More information will be shared when available.
 - The PC44 EV WG is completing a benefit cost analysis and will file it with the PSC by December 1st.

Social Media, Maryland EV, and Outreach Updates

- Please continue to share the [Maryland EV Journey](#) resource.

Utility Updates

- BGE
 - BGE is moving forward with their Lyft partnership and will roll out 100 EVs in Q1 of 2022.
 - BGE has registered over 8,000 customers that own EVs.
- Potomac Edison
 - Potomac Edison has paid out 153 residential EVSE rebates and enrolled 177 participants in their off-peak rewards program.
 - Attended Frostburg EV Expo
- PHI
 - PHI has paid out 190 residential EVSE rebates and enrolled 159 participants in their off-peak rewards program.
- SMECO
 - SMECO has 10 Level 2 EVSE and 3 DC Fast EVSE under construction.
 - SMECO hosted an in-person EV event in October, and over 100 members participated.

Closing Remarks

- ZEEVIC Meeting dates in 2022 will be sent out in December
- Tentative 2022 Meeting dates:

○ Jan 19	○ July 20
○ March 16	○ September 21
○ May 18	○ Nov 16