

Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) May Meeting

Meeting Date: May 19, 2021

Meeting Location: Phone/Webinar

ZEEVIC Members/Appointed Representatives in Attendance:

- R. Earl Lewis, Jr. (MDOT), ZEEVIC Chair
- Joe Alfred (Ally Power)
- Kristy Fleischmann-Groncki (BGE)
- Nina Forsythe (City of Frostburg)
- Delegate David Fraser-Hidalgo (MD Assembly)
- Mike Jones (MEA)
- Senator Clarence Lam (MD Assembly)
- Kevin Miller (ChargePoint)
- Kevin Mosier (PSC)
- Jeff Shaw (SMECO)
- Elvia Thompson (Annapolis Green)
- Paul Verchinski (Public Representative)
- Scott Wilson (EVA DC)
- Bob Wimmer (Toyota)
- Bihui Xu (MDP)

ZEEVIC Member Alternates:

- Tim Shepherd (MDE)
- Alexis Gallagher (Pepco)

Other Presenters:

- Joey Chen (PSC)
- David Comis (MEA)
- Alexis Cordea (Potomac Edison)
- Neil Keating (First Energy)
- Kshirajaa Ramesh (DGS)

Staff:

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

Welcome and Announcements

- MDOT Deputy Secretary, R. Earl Lewis, Jr., welcomed all meeting participants.
- Annapolis Green held an Earth Day event, [Kick Gas!](#), on April 17, 2021, to share information about electric vehicles (EVs).

Public Comments

- Ally Power shared information about future hydrogen stations in Maryland, and requests that ZEEVIC members provide input on where hydrogen fueling infrastructure should be built.
- Toyota hopes to host fuel cell electric vehicle demonstrations in Maryland or DC in late October.
- Ivys Energy Solutions is working on small-scale hydrogen stations on the East Coast.
- Joel Hurewitz requested ZEEVIC encourage local and state policies to provide clarity on EV definitions, potentially using the definition from House Bill 480.
- Nina Forsythe asked ZEEVIC members to share views about ICEing trends. Members agreed that anti-ICEing is an issue to continue pursuing.

MEA Parking Lot Solar PV Canopy with EV Charger Grant Program

- MEA’s solar programs have energized 85 electric vehicle supply equipment (EVSE) since 2014.
- Solar Canopy Program
 - This program funds EVSE canopy developments for business and government entities.
 - The fiscal year (FY) 2021 program had \$1.6 million total funding available. Projects could receive \$600 per kilowatt, up to \$300,000 total.
 - The FY 2022 program will be posted to MEA’s website in July 2021.
 - There is no requirement to keep solar installed for a particular number of years. Potential parking lot redevelopment has been an obstacle.
 - Chargers currently draw from the grid at night, as no battery storage has been installed to date.
- Public Facility Solar Grant Program
 - This program may fund any solar installation, including EVSE, for government entities.
 - This program has a total of \$4 million for FY21 and FY22.
- Montgomery County is integrating [solar canopies](#) for charging infrastructure.

2021 Legislative Session Recap

- The Legislative Working Group (WG) considered 13 bills related to ZEEVIC during the 2021 session. Session outcomes for each bill as of May 19, 2021, are below:

Bill	Title	Session Outcome
HB0110 (SB0144)	EV Recharging Equipment for Multifamily Units Act	To Governor, not signed
HB0044	Clean Cars Act of 2021	To Governor, not signed
HB30	Public Utilities – Office of Climate Counsel – Establishment (Climate Counsel Act)	To Governor, not signed
HB0784	Residential Construction - EV Charging	To Governor, not signed
HB480	Plug-In Electric Drive Vehicles – Reserved Parking Spaces	Failed
HB0832	Public Utilities – Electric School Bus Pilot Program	Failed
SB0315	Vehicle Laws - Plug-In Electric Drive Vehicles - Reserved Parking Spaces	Failed
SB0137 (HB0334)	Maryland Transit Administration – Conversion to Zero–Emission Buses (Zero–Emission Bus Transition Act)	To Governor, not signed
SB0152	Maryland Strategic Energy Investment Fund – Use of Funds and Electric Vehicle Excise Tax Credits	Failed
HB592	State Vehicle Fleet - Conversion to Zero-Emission Electric Vehicles	Failed
HB1098	Elected Officials – State–Owned EVSE – Reimbursement	Failed

- ZEEVIC members acknowledged and agreed that equity should be a bigger focus area in legislation moving forward.
- [HB588](#), the Budget Bill, included a line item for 25% of newly purchase state vehicles to be EVs in the new fiscal year.

- Senator Lam and Delegate Fraser-Hidalgo noted that funding is tighter this year and may continue in the future, so alternative funding mechanisms for EV programs are welcome.

State Agency Updates

- Maryland Energy Administration (MEA)
 - The EVSE Rebate Program has awarded \$1,638,226 worth of rebates (91% of total FY21 funding), totaling 1,659 chargers.
 - \$769,771.08 for 1,373 residential EVSE
 - \$868,454.92 for 286 commercial EVSE
 - The FY22 budget for the EVSE Rebate Program is being finalized.
 - Clean Fuels Incentive Program (CFIP)
 - FY21 sites at Bethesda Row and Pike & Row are open.
 - The FY22 program design is in development with a budget of \$1 million.
 - Clean Fuels Technical Assistance (CFTA) Program
 - First round reports will be posted to the MEA website by the end of May 2021.
 - MEA has begun working with Anne Arundel County on fleet electrification.
 - The RFP for the second round of the CFTA program will be released Fall 2021.
- Maryland Department of Environment (MDE)
 - Of the \$3.7 million of funds available for this round of Volkswagen (VW) Settlement funding for EVSE, \$11.3 million has been requested through applications.
 - VW Settlement
 - [Electric Corridor Grant Program](#): 35 applications were received. MDE and MEA have completed their review all applications.
 - [Charge Ahead Grant Program](#): MDE and MEA are in the process of reviewing the 21 applications that were submitted under this Program and are hoping to complete the review by the end of May 2021.
 - MDE and MEA are hoping to contact all program applicants in early June.
- Maryland Department of General Services (DGS)
 - DGS received \$1 million to build EVSE at state sites in FY 2022.
 - EVs purchased for the state fleet will be assigned to buildings that have EVSE or have planned EVSE.
 - Maryland agency EVSE projects can be submitted to DGS via this [data submission form](#).
- Maryland Department of Planning (MDP)
 - MDP is developing connected/autonomous vehicle (CAV) recommendations for local jurisdictions.
 - MDP is working with MDOT SHA on virtual CAV workshops for local government agencies, to promote CAV information-sharing. Registration for the June 15 and 16 workshops: [CAV registration link](#)
- Public Service Commission (PSC)
 - The EVSE pilot program mid-course review will be in October 2021. Utilities are required to submit their reports by September 15, 2021.
- Maryland Department of Transportation (MDOT)
 - As of April 30, 2021, there are 32,180 EVs registered in Maryland, and 995 stations (2,615 outlets) available across the state.
 - Maryland now has 22 alternative fuel corridors, totaling 1,079 miles (820 miles corridor-ready and 259 miles corridor-pending). FHWA approved MDOT's recent nomination of US 15 as the 22nd EV alternative fuel corridor.

- MDOT has 25 EVSE sites that are part of the PSC Pilot Program.

Utility Updates

- The Public Service Commission (PSC) EV Work Group is hosting program design sessions to inform the EVSE Pilot Program mid-course review. The purpose of the mid-course review is to review progress to-date of the statewide EV portfolio.
- Stakeholders are invited to discuss possible program enhancements to be implemented for the remaining 30 months of the program. To join sessions, stakeholders should contact PSC staff Amanda Best.

Date/Time	Session Name	Objective
May 13 th 10-11:30AM	Overview	Level set expectations
June 10 th 9-10:30AM	Residential	Design Residential offerings
June 24 th 9-10:30AM	Multifamily / Public	Design Multifamily and Public offerings
July 8 th 9-10:30AM	Fleet (including MD/HD) / Submetering	Discuss potential Fleet program and COMAR waivers
July 22 nd 9-10:30AM	DOE Projects / Workplace	Review DOE projects
August 12 th 9-10:30AM	Final Review of Proposals	Obtain support for proposals

- BGE
 - BGE has received 1,046 residential rebates and 20 multifamily rebates and 314 of BGE’s 500 public EVSE are complete or in progress.
- PHI
 - PHI has received 315 residential rebates and 4 multifamily rebates. The EV charging program is expected to launch by the end of Q3 2021.
- Potomac Edison
 - Potomac Edison has received 80 residential rebates, installed 19 public EVSE, and has enrolled 108 customers in their off-peak reward program.

Communications Working Group Updates

- The Maryland EV website is undergoing updates. There is a new update coming to provide a more interactive experience for difficult to reach audiences.
- On May 27, 2021, Annapolis Green is hosting a [comedy EV trivia night](#).
- EVADC hosts an event, [Ask an EV Owner](#), on the first Wednesday of every month.
- There will be fuel cell electric vehicle demonstrations in the DC area in late October 2021.

Closing Remarks

- The next ZEEVIC meeting will be in July 2021. The July 21 meeting will be rescheduled to the following week, and an updated meeting notice will be sent out soon.

Next ZEEVIC Meeting

July 29, 2021
2:00 – 4:00 PM

