

Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) January Meeting

Meeting Date: January 19, 2021

Meeting Location: Phone/Webinar and MDOT HQ

ZEEVIC Members/Appointed Representatives in Attendance:

- R. Earl Lewis, Jr. (MDOT), ZEEVIC Chair
- Joe Alfred (Ally Power)
- Liam Davis (Baltimore City/MACO)
- David Edmondson (City of Frederick/MML)
- Kristy Fleischmann-Groncki (BGE)
- Nina Forsythe (City of Frostburg/MML)
- Mike Jones (MEA)
- Kevin Miller (ChargePoint)
- Kevin Mosier (PSC)
- Jeff Shaw (SMECO)
- Robert Stewart (PHI)
- Jason Tai (Tesla Consultant)
- Elvia Thompson (Annapolis Green)
- Paul Verchinski (Public Representative)
- Michael Wall (Clinton Electric)
- Scott Wilson (EVA DC)
- Bob Wimmer (Toyota)
- Bihui Xu (MDP)
- Weston Young (Worcester County/MACO)

ZEEVIC Member Alternates:

- Fred Hoover (OPC)
- Tim Shepherd (MDE)

Staff:

- Virginia Burke (MDOT)
- Dan Janousek (MDOT)
- Haley Erickson (ICF, supporting MDOT)
- Carrie Giles (ICF, supporting MDOT)
- David Proctor (Sharp & Co., supporting MDOT)

Welcome and Announcements

- As of December 31, 2021, there were 41,474 registered electric vehicles (EVs) in Maryland.
- In 2021, over 1,000 new EVs were registrations on average each month, a 41% increase compared to 2020.

Public Comments

- Lanny Hartman requested more consistency and transparency from the Maryland government regarding EVs and electric vehicle infrastructure initiatives.
- Joyce Breiner announced that Montgomery County is launching an EV Purchasing Cooperative on January 20th.
- Joel Hurewitz requested that ZEEVIC be more involved in the 2022 legislative session.
- James Wagner requested updates on the possibility of an EV excise tax credit in 2022.
- David Waybright noted the importance of rural charging infrastructure, adding that electric trucks will likely operate and stay in rural areas.

2022 Maryland Legislative Session

- A summary of relevant bills pre-filed or introduced for the 2022 legislative session (as of 1/18):



Bill # & Sponsor(s)	Bill Title	Synopsis
HB0157 Del. Barve	Vehicle Laws - Plug-In Electric Drive Vehicles - Reserved Parking Spaces	<ul style="list-style-type: none"> Protection for parking spaces designated for the use of plug-in electric drive vehicles. \$100 fine.
SB0146 Sen. Young	Vehicle Laws - Plug-In Electric Drive Vehicles - Reserved Parking Spaces	<ul style="list-style-type: none"> Protection for parking spaces designated for the use of plug-in electric drive vehicles. \$50 fine.
HB0010 (SB0061) Del. Korman Sen. Zucker	MTA- Conversion to Zero-Emission Buses	<ul style="list-style-type: none"> MDOT MTA safety and workforce development training Annual report on conversion of the transit bus fleet to zero-emission buses
HB0060 (SB0126) Del. Fraser-Hidalgo Sen. Kramer	Environment – New Motor Vehicles – Pollution Fee	<ul style="list-style-type: none"> Pollution fee on new motor vehicles, based on certain pollution ratings Provide rebates on the sale of electric vehicles; Purchase electric transit and school buses; Expand electric vehicle infrastructure.
HB0046 (SB0104) Del. Fraser-Hidalgo Sen. Kramer	Vehicle Emissions Inspection Program – Not Subject to Inspection – Fee	<ul style="list-style-type: none"> \$14 fee once every 2 years on each motor vehicle registered in the State that is waived, exempted or not subject to the VEIP Provide rebates on the sale of electric vehicles; Purchase electric transit and school buses; Expand electric vehicle infrastructure.
HB0094 Del. Fraser-Hidalgo	State Vehicle Fleet - Conversion to Zero-Emission Passenger and Light-Duty Vehicles	<ul style="list-style-type: none"> 100% of passenger cars in the state vehicle fleet be zero-emission by 2031 (other LDVs in the state fleet by 2036)

Infrastructure Investment and Jobs Act (IIJA)

- A summary of the IIJA was provided to ZEEVIC members.
- Key Dates for IIJA in Maryland:

Date	Action Items
January 2022	Maryland ZEV Infrastructure Plan / Approach
January 28, 2022	Comments due on FHWA Development of Guidance for Electric Vehicle Charging Infrastructure Deployment
January – February 2022	Stakeholder Engagement Plan Development
February 11, 2022	Joint USDOT and DOE Guidance Expected
March – Summer 2022	Stakeholder Outreach
January – Summer 2022	Maryland ZEV Infrastructure Plan Development

- Summary of IIJA Funding Division J – Formula and Discretionary

Purpose	Strategically deploy EV charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability
Funding	\$5 billion in advance appropriations from the General Fund (GF)
Eligible Entities	State DOTs – program does allow for partnership with contractors and allows them to cover the 20%, non-federal match.

Eligible Project Types	<ul style="list-style-type: none"> Funded projects must be located along designated corridors. If fuel corridor is built-out, can be used on any public road or publicly accessible parking facilities. Publicly accessible charging stations only.
Requirements	<ul style="list-style-type: none"> State DOT must submit a plan and receive approval. Funded projects must be located along designated corridors. If fuel corridor is built-out, can be used on any public road or publicly accessible parking facilities.
Match	Federal share cannot exceed 80% of total cost; The matching share can be paid by a private entity.
Set-Aside	10% for discretionary grants to state and local governments that require additional assistance to strategically deploy EV charging infrastructure.
Estimated Funding for MD	\$63 million over 5 years. The distribution formula is the same as Federal-aid highway apportionments. Fiscal Year (FY) 22 through FY26.
Key Takeaways for MD	<ul style="list-style-type: none"> Since MD is so close to having corridors built-out, funding can be strategically focused elsewhere. These dollars can be used along corridors AND in communities. Contractors can provide matching funds.

- MDOT will provide updates at future ZEEVIC meetings and through the ZEEVIC email list.
- The Maryland ZEV Infrastructure Plan will consider Maryland’s 22 EV Alternative Fuel Corridors (AFCs) as eligible for allocation of funds, particularly in rural areas and environmental justice communities.
- The public can propose EVSE locations through a previously established web tool hosted [here](#).

2022 ZEEVIC Priorities

- Three draft priorities for ZEEVIC in 2022 were presented, and will be brought back at the March ZEEVIC meeting.
- The ZEEVIC Priorities statement informs ZEEVIC’s consideration of legislative proposals.
- The Legislative WG will be convened for a discussion of legislative bills introduced in the MGA by Feb 7 (Senate bills) and Feb 10 (House bills).
- An additional ZEEVIC Meeting could be convened if the Legislative WG wants to recommend to the full Council that comments be submitted to the MGA.
- ZEEVIC members will be sent a survey about meeting topics for 2022, and further comments on the draft priorities will be collected through the survey.

Streetlight and Right-Of-Way (ROW) Charging

- ICF provided three examples of streetlight charging pilots in Los Angeles, Kansas City, and London.
- ICF provided an overview of considerations related to challenges and opportunities of streetlight charging, including ownership models, utility collaboration and involvement, ROW siting issues, and operation and maintenance responsibilities.

Modifications to Statewide EV Charging Pilot Program

- The PSC provided a summary of the [Order No. 90036](#) from Case No. 9478, most notably:
 - **Approving** 60 additional Level 2 multifamily EVSE for BGE, an increase in multifamily make-ready incentives for PHI, the installation of 7 utility-owned Level 2 multifamily EVSE for Potomac Edison, the conversion of 20 public Level 2 EVSE to 10 public DC Fast EVSE for BGE, the installation of public EVSE up to 150kW for BGE and SMECO, the installation of EVSE in gated government parks on a case-by-case basis, and the development of a fleet calculator tool for BGE and PHI.
 - **Denying** additional residential rebates for BGE, an increase in the limited-income rebate amount for BGE and PHI, an EV car-share program for BGE, rebates for non-utility owned public direct current (DC) fast EVSE and discounted rates for public DC fast EVSE, a fleet electrification assessment program for BGE, and the education and outreach budget requests; and,
- The PC44 EV Work Group is directed to explore creating a new subgroup on fleets.

Utility Updates

- SMECO
 - EVSE Pilot Program Update:
 - Installed and commissioned 17 Level 2 and 3 DC fast EVSE
 - Provided over 375 charging sessions to date
 - There are 2 additional Level 2 EVSE installed but not yet commissioned, and 15 Level 2 EVSE in various stages of planning and construction.
 - SMECO spoke at the CFC Financial Series webinar on January 12, 2022.
 - SMECO is planning to hold another EV Meet & Greet in April. (Location TBD)
 - There is a ribbon Cutting for our newest EVSE in Calvert County on February 1, 2022, and the Calvert Courthouse Annex in Prince Frederick.
 - SMECO is speaking at NRECA's Tech Advantage Conference on March 8, 2022.
- BGE
 - EVSE Pilot Program Update
 - Residential rebates: 1,522 applications received
 - Multifamily rebates: 126 ports rebated
 - 40 BGE-owned in progress. First location completed at Broadmead.
 - Public rebates: 176 EVSE live, 429 in progress
 - TOU rate program participants: 642 enrolled
 - BGE has a booth at the Maryland Auto Show from January 28th-30th.
 - In March 2022, BGE is expecting to hold a launch event with Lyft for the first delivery of 25 EVs.
- PHI
 - EVSE Pilot Program Update
 - Residential rebates: 665 applications received
 - Multifamily rebates: 8 Level 2 EVSE (10 ports) rebated
 - Public rebates: 53 Level 2 and 3 DC fast EVSE in service
 - TOU rate program participants: 330 enrolled
 - PHI has a booth at the Washington, DC Auto Show from January 21st-30th.
- Potomac Edison
 - EVSE Pilot Program Update
 - Residential rebates: 176 applications paid out

- Multifamily rebates: 0
- Public rebates: 18 Level 2 and 6 DC Fast EVSE
- TOU rate program participants: 204 enrolled

Social Media, MarylandEV, and Outreach Updates

- Sharp & Co. provided an update on the MarylandEV social media campaign.
 - Six ads were run in December 2021, totaling 164,430 impressions.
- Please continue to share the [Maryland EV Journey](#).

State Agency Updates

- MEA
 - Processed \$1,086,632.84 worth of rebates, totaling 1,194 EVSE (60.37% of budget)
 - \$620,762.38 for 1,064 residential EVSE
 - \$465,870.46 for 130 commercial EVSE
 - MEA will begin posting weekly funding status updates.
 - Clean Fuels Incentive Program (CFIP)
 - FY22 program closed December 31, 2021, evaluations are on-going.
 - Received 11 applications, totaling 107 vehicles and \$2,060,000.
 - Electric: 8 applications, totaling 27 vehicles and \$790,000
 - Awards will be announced by the end of Q1.
 - The Clean Fuels Technical Assistance (CFTA) Program is determining the next steps.
- MDP
 - Frederick County introduced a bill requiring new single-family residences to have electrical wiring and an outlet capable of supporting a Level 2 EVSE.
- DGS
 - There are 9 EVSE in design, 4 EVSE in construction, and 12 EVSE in the queue to be completed by summer 2022.
 - In 2021, DGS installed 35 ports at 7 state agency locations.
 - In 2022, DGS is aiming to install 42 ports by summer and over 300 ports by end of year.

Closing Remarks

- ZEEVIC members will be receiving a survey regarding 2022 meeting topics and priorities.
- An additional ZEEVIC meeting could be called for the purpose of further discussion of legislation.
- The next regularly scheduled ZEEVIC meeting will be in March 2022.

Next ZEEVIC Meeting

March 16, 2022