

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

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

### 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	<a href="#">Comments due on FHWA Development of Guidance for Electric Vehicle Charging Infrastructure Deployment</a>
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

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

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

- 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 28<sup>th</sup>-30<sup>th</sup>.
  - 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 21<sup>st</sup>-30<sup>th</sup>.
- 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