Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) July Meeting

Meeting Date: July 29, 2021

Meeting Location: Phone/Webinar

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)
- Delegate Tony Bridges (MD Gen Assembly)
- Mike Jones (MEA)
- Kevin Miller (ChargePoint)
- Kevin Mosier (PSC)
- Jeff Shaw (SMECO)
- Jason Tai (Tai Ginsberg & Associates)
- Elvia Thompson (Annapolis Green)
- Paul Verchinski (Public Representative)
- Scott Wilson (EVA DC)
- Bob Wimmer (Toyota)
- Bihui Xu (MDP)
- Weston Young (Worcester County/MACO)
- Nina Forsythe (City of Frostburg/MML)
- Delegate Tony Bridges (MD Gen Assembly)
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ZEEVIC Member Alternates:
- Timothy Bugh (Pepco)
- Wade Haerle (MD Commerce Dept)
- Senator Lam staff (MD Gen Assembly)

Other Presenters:
- David Proctor (Sharp & Co.)
- Amanda Best (PSC)
- Neil Keating (First Energy)
- Emily Soontornsratool (DGS)

Staff:
- Virginia Burke (MDOT)
- Carrie Giles (ICF supporting MDOT)
- Haley Erickson (ICF supporting MDOT)
- Dan Janousek (MDOT)

Welcome and Announcements

- MDOT Deputy Secretary, R. Earl Lewis, Jr. welcomed all meeting participants and introduced new ZEEVIC member, Delegate Tony Bridges (District 41-Baltimore City).
- Baltimore, Maryland was ranked 9th best city to own an EV in according to AutoInsuranceQuote.com, see the report here: https://www.4autoinsurancequote.com/best-cities-electric-vehicles/
- Prince George’s County received $5.15 million for electric buses and charging infrastructure through the fiscal year (FY) 2021 FTA Low and No Emission Grant Program.
- Exelon and First Energy joined the Electric Highway Coalition, which now connects utilities across 29 States to create an EV charging network.

Public Comments

- The City of Frostburg is hosting an electric vehicle (EV) expo on September 25th.
- Baltimore City held a ribbon cutting in June for BGE’s EVsmart installation at the Maryland Zoo.
- Emanuel Wagner (California Hydrogen Business Council) shared this zero emission bus study.
Communications Working Group Update

- The Maryland EV StoryMap is now live. You can access the website here: https://marylandev.org/the-ev-journey/
  - **ACTION ITEM:** If you or someone you know is able to help translate the StoryMap site into a different language, please reach out!

Legislative Working Group Update

- Legislative session recap:

<table>
<thead>
<tr>
<th>Bill</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB0110</td>
<td>Electric Vehicle Recharging Equipment for Multifamily Units Act</td>
<td>Passed</td>
</tr>
<tr>
<td>SB0144</td>
<td>Electric Vehicle Recharging Equipment for Multifamily Units Act</td>
<td>Passed</td>
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<tr>
<td>HB0044</td>
<td>Clean Cars Act of 2021</td>
<td>Passed</td>
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<tr>
<td>HB30</td>
<td>Public Utilities – Office of Climate Counsel – Establishment (Climate Counsel Act)</td>
<td>Passed</td>
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<tr>
<td>HB0784</td>
<td>Residential Construction - Electric Vehicle Charging</td>
<td>Passed</td>
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<tr>
<td>HB480</td>
<td>Plug-In Electric Drive Vehicles – Reserved Parking Spaces</td>
<td>Failed</td>
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<tr>
<td>HB0832</td>
<td>Public Utilities – Electric School Bus Pilot Program</td>
<td>Failed</td>
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<tr>
<td>SB0315</td>
<td>Vehicle Laws - Plug-In Electric Drive Vehicles - Reserved Parking Spaces</td>
<td>Failed</td>
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<tr>
<td>SB0137</td>
<td>Maryland Transit Administration – Conversion to Zero–Emission Buses</td>
<td>Passed</td>
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<tr>
<td>(HB0334)</td>
<td>(Zero–Emission Bus Transition Act)</td>
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<tr>
<td>SB0152</td>
<td>Maryland Strategic Energy Investment Fund – Use of Funds and Electric Vehicle Excise Tax Credits</td>
<td>Failed</td>
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<tr>
<td>HB592</td>
<td>State Vehicle Fleet - Conversion to Zero-Emission Electric Vehicles</td>
<td>Failed</td>
</tr>
<tr>
<td>HB1098</td>
<td>Elected Officials – State–Owned Electric Vehicle Charging Stations – Reimbursement</td>
<td>Failed</td>
</tr>
</tbody>
</table>

- HB110/SB144: Condos and HOAs may not unreasonably restrict installation of electric vehicle supply equipment (EVSE)
- HB 44: EV Recharging Equipment Rebate Program is funded at $1.8 million annually through FY2023. Wait-listed vehicle tax credit applications received before July 1, 2020 were funded.
- HB30: Representative of Office of People’s Counsel appointed to ZEEVIC.
- HB784: Home builders and their agents must provide prospective home buyers the option to include EV charging or wiring, and information on available rebates.
- SB137: Beginning in FY2023, MTA transit bus purchases must be zero emission vehicles (ZEVs).
- FY2022 Budget Bill: 25% of passenger cars purchased for the State fleet in FY2022 must be ZEVs.

PSC EV Working Groups Update

- Public Conference 44 (PC44) Update
  - Commercial Rate Design Work Group (WG) – collaboration is underway to share data for designing new rate options.
  - EV Cost-Benefit Analysis WG Subgroup – the draft proposal is under consideration, and the final report is due in December 2021.
  - Distribution System Planning WG – currently reviewing existing processes, stakeholder involvement, and ways to improve distribution planning.
• EVSE Pilot Program Design Sessions
  o The final design session meeting is on August 12, 2021.
  o Draft proposals are available for comments on a Google Doc. For access, please reach out to Kristy Fleischmann-Groncki or Amanda Best.
  o A survey to gauge support for various proposals is available until August 6, 2021.
  o Utilities will submit Mid-Course Reports to the PSC by September 15, 2021.
• Paul Verchinski presented a recap of his recommendations for multifamily EVSE installations, as he had presented at the June 24 Program Design session:
  o There should be one Level 2 EVSE per multifamily residence, installed and maintained by the utility;
  o Utilities should survey and include any upgrade needed for the first Level 2 EVSE;
  o Utilities should provide a cost estimate for new or upgraded distribution lines/transformers and impact on the grid to the PSC, for future Level 2 installations at multifamily residential developments; and,
  o Utilities should build out the distribution system to support future Level 2 EVSEs.

Utility Updates
• Utility EVSE program metrics through June 30, 2021:

<table>
<thead>
<tr>
<th></th>
<th>Residential Rebates</th>
<th>Multifamily Rebates</th>
<th>Public EVSE</th>
<th>TOU Rate Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGE</td>
<td>1,164 applicants</td>
<td>21 applicants; 40 BGE-owned EVSE</td>
<td>128 EVSE energized; 210 EVSE total in progress</td>
<td>407 participants</td>
</tr>
<tr>
<td>PHI</td>
<td>319 applications processed</td>
<td>16 applicants; 6 sites approved, 3 EVSE energized</td>
<td>41 EVSE energized; 130+ EVSE in process</td>
<td>44 participants</td>
</tr>
<tr>
<td>Potomac Edison</td>
<td>101 applicants</td>
<td>0 applicants</td>
<td>20 EVSE; 16 Level 2, 4 DC Fast</td>
<td>125 participants</td>
</tr>
<tr>
<td>SMECO</td>
<td></td>
<td></td>
<td>8 EVSE live; 16 in progress</td>
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• BGE
  o BGE is still seeing high level of residential rebate applications, despite waitlisting.
  o BGE is participating in the following events: YMCA EV event in Towson on July 30th, Annapolis Drive Electric Week event on September 26th, and Maryland Zoo’s Trucks for Tots event on October 10th.
• Potomac Edison is not hosting any in-person events but is presenting “Electric Vehicle Charging Webinar” to Maryland Multi-Housing Association members on August 11th.
• PHI
  o PHI launched their Residential EV Charger rebate on July 6th.
  o The Off-Peak Rebate Program was approved in May and is launching in August 2021.
  o The Plug-In Electric Vehicle Rate is launching August 2021.
• SMECO
  o SMECO held ribbon cutting celebrations for the first EVSE installed in St. Mary’s County and Charles County.
  o Depending on COVID-19, SMECO may hold a ribbon cutting celebration for new EVSE in Calvert County and plan an event in September 2021 for National Drive Electric Week.
State Agency Updates

• MD Department of Transportation (MDOT)
  o There were 34,841 EVs registered in Maryland by 6/30/2021, with accelerating demand in recent months.

• MD Department of Environment (MDE)
  o EVSE Program
    ▪ $3.7 million in available funds
    ▪ A total of 56 proposals were received; $11.36 million in total funds requested
    ▪ Awardees have been notified, and contracts will be signed in August.
  o Charge Ahead Grant Program – for Level 2 EVSE
    ▪ A total of 24 sites were awarded EVSE, totaling 145 Level 2 EVSE ports
    ▪ Funds awarded: approx. $650,000
  o Electric Corridor Grant Program – for DC Fast EVSE
    ▪ A total of 13 sites were awarded EVSE, totaling 36 DC fast EVSE ports.
    ▪ Funds awarded: approx. $3.04 million

• MD Energy Administration (MEA)
  o EVSE Rebate Program
    ▪ FY2021: MEA processed $1.8M worth of rebates, totaling 1,880 chargers
      • $890,484 for 1,580 residential EVSE
      • $909,486 for 300 commercial EVSE
      • Co-released Volta Charging press release in June. The partnership installed a total of 64 EVSE across 22 locations.
    ▪ FY2022: Launched on July 1, 2021, with a $1.8 million budget
      • Commercial award cap dropped from 20% to 18%.
  o Clean Fuels Incentive Program (CFIP)
    ▪ FY2021 awards for medium- and heavy-duty ZEV projects went to Montgomery County electric school buses and Peapod electric delivery vans.
    ▪ FY2022 program is expected to launch by mid-September 2021.
    ▪ ACTION ITEM: Feedback on the CFIP is welcome; please share feedback by August 12th.
  o Clean Fuels Technical Assistance (CFTA) Program Update
    ▪ The first 4 reports are complete and available online, 3 were EV-focused and 1 was biodiesel. A 5th report for Anne Arundel County is ongoing.
    ▪ MEA is completing a full program evaluation by fall and may open another application round by the end of the year.

• MD Dept of Planning (MDP) is continuing to encourage EV adoption in localities through local, comprehensive plans.
• MD Dept of General Services (DGS) is aiming to have 150 EVs in the state fleet by end of 2022.

Closing Remarks

• City of Frostburg is interested in hearing about jurisdictions’ experiences allowing EV charging at on-street parking spots.
The next ZEEVIC meeting is scheduled for September 15. The meeting will be held as a hybrid meeting, where people can attend in person at MDOT headquarters OR virtually through Teams. For this new Hybrid format, a new Meeting Invite will be sent.

Next ZEEVIC Meeting
September 15, 2021
2:00 – 4:00 PM