

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)

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 Soontornsaratool (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:

| Bill | Title | Notes |
|---|--|--------|
| HB0110 (SB0144) | Electric Vehicle Recharging Equipment for Multifamily Units Act | Passed |
| HB0044 | Clean Cars Act of 2021 | Passed |
| HB30 | Public Utilities – Office of Climate Counsel – Establishment (Climate Counsel Act) | Passed |
| HB0784 | Residential Construction - Electric Vehicle Charging | Passed |
| 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) | Passed |
| 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 Electric Vehicle Charging Stations – Reimbursement | Failed |

- 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
 - The final design session meeting is on August 12, 2021.
 - Draft proposals are available for comments on a Google Doc. For access, please reach out to [Kristy Fleischmann-Groncki](#) or [Amanda Best](#).
 - A [survey](#) to gauge support for various proposals is available until August 6, 2021.
 - 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:
 - There should be one Level 2 EVSE per multifamily residence, installed and maintained by the utility;
 - Utilities should survey and include any upgrade needed for the first Level 2 EVSE;
 - 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,
 - Utilities should build out the distribution system to support future Level 2 EVSEs.

Utility Updates

- Utility EVSE program metrics through June 30, 2021:

| | Residential Rebates | Multifamily Rebates | Public EVSE | TOU Rate Program |
|----------------|----------------------------|--|---|------------------|
| BGE | 1,164 applicants | 21 applicants; 40 BGE-owned EVSE | 128 EVSE energized; 210 EVSE total in progress | 407 participants |
| PHI | 319 applications processed | 16 applicants; 6 sites approved, 3 EVSE energized | 41 EVSE energized; 130+ EVSE in process | 44 participants |
| Potomac Edison | 101 applicants | 0 applicants | 20 EVSE; 16 Level 2, 4 DC Fast | 125 participants |
| SMECO | | | 8 EVSE live; 16 in progress | |

- BGE
 - BGE is still seeing high level of residential rebate applications, despite waitlisting.
 - 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
 - PHI launched their [Residential EV Charger rebate](#) on July 6th.
 - The Off-Peak Rebate Program was approved in May and is launching in August 2021.
 - The Plug-In Electric Vehicle Rate is launching August 2021.
- SMECO
 - SMECO held ribbon cutting celebrations for the first EVSE installed in St. Mary’s County and Charles County.
 - 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)
 - There were 34, 841 EVs registered in Maryland by 6/30/2021, with accelerating demand in recent months.
 - MDOT shared a Federal Highway Administration report on federal funding for EVSE. The report is available here:
https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/resources/ev_funding_report_2021.pdf
- MD Department of Environment (MDE)
 - 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.
 - 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
 - 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)
 - 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%.
 - 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.
 - 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