
Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) Meeting

Meeting Date: September 27, 2019

Meeting Location: Harry Hughes Conference Room, MDOT Headquarters, Hanover, MD

Attendees:

Rebecca Bankard (MDOT TSO)

Virginia Burke (MDOT TSO)

Joey Chen (PSC)

Josh Cohen (Greenlots)

Richard Deutschman (MD Legislative Coalition)

Travis Eckert (MD Energy Advisors)

Sevgi Erdogan (UMD – NCSG)

Haley Erickson (ICF)

Dr. Andrew Farkas (Morgan State University)

Kristy Fleischmann Groncki (BGE)

Carrie Giles (ICF)

Jennifer Grisham (Pepco)

Lanny Hartman (Citizen)

Frank Lee (Baltimore City)

Dept. Secretary R. Earl Lewis, Jr. (MDOT TSO)

Kevin Mosier (PSC)

John Murach (BGE Emeritus)

Russell Owens (Energetics)

Lezeal Rorie (SMECO)

Tim Shepherd (MDE)

Robert Stewart (PHI)

Colleen Turner (MDOT TSO)

Elvia Thompson (BEVI)

Paul Verchinski (Public Representative)

Michael Wall (Clinton Electric)

Tim Wilke (MDOT TSO)

Scott Wilson (EVA DC)

Bihui Xu (MDP)

By Phone:

Erica Bannerman (PG County)

Bob Erdman (EVA DC)

Delegate David Fraser-Hidalgo (State Delegate)

Heather Graham (Commerce)

Mark Howard (MDOT SHA)

Neil Keating (Potomac Edison)

Senator Clarence Lam (MD Assembly)

Kyston McNeil (MEA)

Terri Tabesh (MDOT SHA)

Westin Young (MACO)

Welcome, Announcements, and Introductions

MDOT Deputy Secretary, R. Earl Lewis, Jr., welcomed all meeting participants.

- National Governor's Association is hosting a 1-day Maryland grid modernization retreat on November 7, 2019.
 - Will focus on how the grid will adjust to electric vehicles (EVs) and associated required infrastructure
 - EV issues discussed will cover a variety of areas including commercial, private, urban, suburban, rural, and public concerns.
- GWRCCC honored ZEEVIC and MDOT with the Maryland Visionary Award.
 - Awarded in recognition of the work done to increase the number of EVs registered in Maryland and to improve and expand EV infrastructure.
- MDOT submitted a competitive grant application to improve EV infrastructure along I-70/I-68 related to state and federal corridor requirements.

Public Comments

- No public comments

Recognition

- MDOT recognized John Murach, BGE Emeritus, for his work as a pioneer in EV policy, infrastructure, and electrification issues and which accelerated EV deployment in the State of Maryland.

ZEEVIC Updates

- Appointments for Fuel Cell Electric Vehicles (FCEVs) and infrastructure are in process and may be complete by the November ZEEVIC meeting.
- ZEEVIC is required to report its work and recommendations to the Governor and General Assembly in December and is on track to meet these reporting requirements.

Working Group Updates

Legislative

Colleen Turner provided updates on behalf of Dave Schatz.

- The Working Group reached consensus on their approach to education and outreach for the Judicial Proceedings Review Committee and the Finance Committee.
 - The Legislative Working Group's education and outreach will focus on three areas:
 - ZEVs and emissions
 - Parking issues
 - Multi-family charging
 - Moving forward, MDOT will provide some assistance with education and outreach.
 - MDOT sent an email detailing the planned approach and requested comments by September 4, 2019. No comments, concerns, or edits were received.
- Senator Lam spoke with senators on Judicial Proceedings Review Committee to co-sponsor a bill on infrastructure in new multi-unit developments and townhomes. Additionally, he is working to draft new EV funding bills to update the funding allocated per EV to increase incentive effectiveness.
 - Will set a meeting up sometime this fall to discuss proposed bills and plan for legislative session
- Re-authorization of ZEEVIC is also needed to extend ZEEVIC beyond June 2020.
 - Senator Lam is working on writing the legislation to extend ZEEVIC to 2026.
- Update from Scott Wilson (EVA DC):
 - On October 2nd there will be a grassroots meeting to gather ideas at every level to improve EV bills.

Communications

- The Maryland EV team has attended 6 events since the last ZEEVIC meeting to provide the public with EV information including flyers, a QR code that takes them to MarylandEV.org website, and giveaway materials.

- The team gathered community questions, comments, and perceptions about EVs.
- Almost 2,900 touchpoints from the six events.
- Upcoming Maryland EV event:
 - Howard County Diwali Festival on October 20, 2019.

Maryland EV Events	Location	Estimated Attendance	Touch Points	Date	Time
World Heritage Festival	West Shore Park Baltimore, MD	1,000	141	7/20/19	11AM-6PM
Festival Latino de Maryland	Timonium Fairgrounds Timonium, MD	1,500	251	8/4/19	10AM-9PM
Latin Heritage Festival	Veterans Plaza Silver Spring, MD	2,500	754	8/11/19	2-8PM
Caribbean Food and Wine Festival	Howard County Fairgrounds West Friendship, MD	12,000	351	9/7/19	1-8PM
Hagerstown Hispanic 13th Annual Festival	Hagerstown Fairgrounds Hagerstown, MD	1,000	375	9/15/19	12-6PM
42nd Annual Korean Festival	Howard County Fairgrounds West Friendship, MD	50,000	1,027	9/21/19	10AM-7PM
Howard County Diwali Festival (IONHoCo Diwali Mela 2019)	Meadowbrook Athletic Club Ellicott City, MD 21043	5,000	TBD	10/20/19	6-10PM

- National Drive Electric Week was in September.
 - The Annapolis event featured 4 mini seminars covering: ZEV impacts on climate change, State incentives for ZEVs, and range anxiety.
 - Seminar attendees were interested in residential development charging and purchasing EVs.
- General reminder to all ZEEVIC members to use #MarylandEV when promoting EV events and information on social media so that Maryland EV can pull and use posts.
- Website analytics updates:
 - Overview of user analysis from August 1, 2019 – September 19, 2019:
 - Over 3,000 unique visitors.
 - Almost 90% of visitors were new to the website.
 - Referrals account for half of the website traffic, the other half come from direct and search traffic.
 - Most referrals came from Maryland EV social media posts and links.
 - Referral traffic was correlated with posts and press releases.
 - The most visited page is the homepage, followed by the incentives page.
 - Referral sources:
 - Facebook is the top referral source.
 - Followed by Pepco, BGE, Delmarva Power, Instagram, SMECO, and EVADC.

- The Maryland EV Facebook page reached over 112,000 people in the past month.

State Agency Updates

- MDOT
 - Alternative Fuel Corridor Deployment Plan.
 - MDOT's goal is to ensure all corridors within the state are "ready."
 - MDOT applied to FHWA for funding to develop a corridor deployment plan that will help transition the I-70/I-68 corridor from "pending" to "ready."
 - This region of Maryland contains some of the zip codes with the fewest number of registered EVs.
 - There are 25 EV charging stations registered in the area:
 - 20 are within 5-miles of the corridor, 14 are within 1-mile of the corridor.
 - In order to qualify as a "ready" federal corridor, there must be a certain number of charging stations within 5 miles of a designated corridor.
 - MDOT is looking to develop public-private partnerships in order to meet corridor requirements.
 - MetroQuest Tool
 - The tool is now live and will be sent out to MPOs and ZEEVIC.
 - It will help identify and target areas where publicly available charging stations can be installed and compile community requests.
 - EVSE Signage Plan
 - MDOT has identified EV charging stations that have signage along the designated Alternative Fuel Corridors.
 - 18 stations have signage (16 DCFC, 2 level 2) .
 - 83 DCFC stations without signage.
 - MDOT is developing a prioritization system to install signage at every charging location.
 - The parking lots along light-rail lines and MTA routes are noted for potential future development and MDOT will coordinate with WAMATA to identify future Metro parking lot chargers.
 - MEA
 - MEA and EVI held a ribbon cutting in Tacoma Park on the first ever conversion of a gas station to an all-electric charging station at RS Automotive.
 - 4 DCFC as well as Level 2 charging.
 - EVI is looking to use this station as a model moving forward.
 - It has been received positively.
 - As of Friday, September 20, 2019, there have been 726 rebates issued (617 residential, 109 commercial).
 - Funds are expected to run out sometime this winter.
 - AFIP for DCFC is open until the end of the 2019 calendar year (includes hydrogen).
 - MDE
 - Volkswagen Settlement:

Annual Report

- Annual report outlines were distributed and discussed with attendees.
- The report will highlight past accomplishments, what's happened to-date, and recommendations.
- Attendees suggested including Howard County EV Ready program, Local Efforts and legislation, Frederick electrification efforts, and the EV registrations on the open data portal.

Closing Remarks

- National Governor's Association Transportation Electrification States Rev Up white paper.
 - Outlines and evaluates different states' activities and best practices in 8 different categories.
 - Maryland is second most active and is second only to CA in terms of EV best practices.

Next Meeting November 21, 2019
2:00 p.m. – 4:30 p.m. at MDOT
Harry Hughes Conference Room, Suites 2 and 3