

## Electric Vehicle Infrastructure Council (EVIC) Meeting

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**Meeting Date:** May 23, 2019

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

**Attendees:**

Brittany Brothers (MDOT TSO)  
Tom Curtin (MDOT TSO)  
Dr. Andrew Farkas (Morgan State University)  
Kristy Fleischmann (BGE)  
Carrie Giles (ICF)  
Nate Gillespie (PHI)  
Gary Greening (MDOT TSO)  
Sonya Harbaugh (STEER/Exelon)  
Mike Jones (MEA)  
Frank Lee (Baltimore City)  
Stephanie Leach (BGE)  
Senator Clarence Lam (MD Assembly)  
Dept. Secretary R. Earl Lewis, Jr. (MDOT TSO)  
Justin Mabrey (MDE)  
Natalia Mathura (Pepco)  
Kevin Mosier (PSC)  
Elissa Reineck (Howard County Government)  
Denise Sarchiapone (KCI Technologies)  
Tim Shepherd (MDE)  
Dave Schatz (ChargePoint)  
Paul Spies (Commerce)

Terri Tabesh (MDOT SHA)  
Colleen Turner (MDOT TSO)  
Paul Verchinski (Public Representative)  
Michael Wall (Clinton Electric)  
Bihui Xu (MDP)

*By Phone:*

*Amanda Best (PSC)*  
*Delegate Andrew Cassilly (MD Assembly)*  
*Joey Chen (PSC)*  
*Ginger Dadds (MDOT MTA)*  
*Sevgi Erdogan (UMD)*  
*Delegate David Frasier-Hidalgo (MD Assembly)*  
*Anne Grealy (First Energy)*  
*Britta Gross (GM)*  
*Mark Howard (MDOT SHA)*  
*Elvia Thompson (BEVI)*  
*Scott Wilson (EVA DC)*  
*Weston Young (MACO)*

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### Welcome, Announcements, and Introductions

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

- Last meeting of EVIC before it becomes ZEEVIC – the Zero-Emissions Electric Vehicle Infrastructure Council
- Over 19,700 EVs registered in Maryland at the end of April
- Four new EVSE are now operational at MDOT, with signage in process

## Public Comments

- Paul Verchinski commented on behalf of the public that some ChargePoint DCFC have been out of service lately, and EVSE maintenance throughout the state is an important issue to be addressed. Installing DCFC in pairs is the ideal solution to maintain charging capabilities, especially at remote stations.
- Mike Wall has been working with the King's Contrivance HOA in Columbia regarding EVSE installation. King's Contrivance has created a master agreement to allow EVSE installations on common ground, pending sub-neighborhood approval. Mike is waiting on permission to share the agreement.

## ZEEVIC – House Bill 1246

- ZEEVIC (effective July 1, 2019)
  - Changes EVIC name to “Zero Emission Electric Vehicle Infrastructure Council” (ZEEVIC)
  - New ZEEVIC representatives to be appointed by the Governor:
    - “One representative of manufacturers of Fuel Cell Electric Vehicles (FCEVs)”
    - “One representative of a manufacturer of FCEV infrastructure equipment”
  - ZEEVIC shall:
    - Add Hydrogen (FCEV) refueling to all existing efforts
    - “Develop model procurement practices for light-duty vehicles (LDVs) that include an evaluation of the vehicle lifecycle costs inclusive of estimated fuel cost over the anticipated life of the vehicle”
    - Deliver an interim report on December 1, 2019 and the final report on June 30, 2020
  - Website and logo updates will be included as part of the ZEEVIC changes
- Excise tax credit (effective July 1, 2019)
  - Updates the excise EV tax credit amounts to the lesser of the excise tax or \$3,000
  - Adds FCEVs
  - Doubles the total credit funding for Fiscal Year 2020 to \$6,000,000
  - There is some concern that the tax credit is no longer based on battery size. The funds are likely to be depleted quicker (even if twice the size) as smaller, expensive programs can now get higher rebates, as it is based on excise tax.
- Prohibits the sale of hydrogen formed from natural gas reforming (effective July 1, 2026)

## Working Group Updates

### Legislative

Chair: Dave Schatz (ChargePoint)

- EVIC will work on recommendations for the 2020 session regarding incentives, EV growth, e-bikes, and e-scooters.
- HB826 – Right-to-Charge bill failed
  - It would have helped in negotiation between condo residents/HOAs to prevent unreasonable inhibitions to EVSE installation. Included designated EV parking, in addition to deeded spaces.
- The committee identified the need to work more closely with the Judicial Proceedings Committee.

- Federal Clean Corridors Act of 2019 (S.674) proposed
  - Establishes a grant program for the installation of electric vehicle charging infrastructure and hydrogen fueling infrastructure along the National Highway System.
- The Maryland Committee on Climate Change Report and TCI process workshops are due at the end of the year. The first workshop will focus on the modeling effort, another on environmental justice, and another on investment options.
- Low-speed electric vehicle legislation could be explored more before the next session.

### Communications

- Colleen Turner provided the communications update on MarylandEV.org efforts
  - ICF and Sharp & Company are working supporting EVIC with events, outreach, and website updates.
  - 2019 MDOT Scheduled EV Outreach Events
    - World Heritage Festival, Baltimore, July 20
      - Expected Attendance: 5,000
    - Latin Heritage Festival, Montgomery County, August 11
      - Expected Attendance: 5,000
    - Caribbean Food and Wine Festival, Howard County, September 7
      - Expected Attendance: 12,000
    - Exploring five additional culturally and geographic diverse events, waiting for registration opens
  - National Drive Electric Week events are coming up as well
    - Annapolis – September 14
    - Hyattsville – September 15
    - Poolesville – September 21
  - Interactive maps on the website show past and future events
  - MACO and MML Summer Conference is August 14-17
    - MEA and MDOT MVA have booths and could coordinate to give out MDEV materials
    - If the King's Contrivance EV Master Agreement is available, that could also be shared at the event
  - Suggestion to reach out via high school events
- Using the hashtag of #MarylandEV and encourage other EVIC members to use this hashtag
- Website
  - EVIC website for this group is located on MDOT's website and will be updated to ZEEVIC
  - MarylandEV.org maintained by state agencies and BEVI
    - Propose adding a Hydrogen 101 page
    - All EVIC members should review and provide updates on the website
    - Tim thinks Hyundai might be a proposed ZEEVIC member
    - Student videos to be uploaded to the student blog section
  - Analytics
    - MDOT is tracking the MarylandEV.org analytics and to determine the success of the MDOT events to drive traffic to the website. MDOT is also studying the

analytics to see if increased EV education and outreach activity in Maryland will drive traffic to the website.

- The next committee meeting will be set in June.

### State Agency Updates

- MDOT
  - MDOT now has 21 FHWA Alternative Fuel Corridors, 11 are new
    - Maryland is coordinating with neighboring states to ensure corridors extend beyond state boundaries.
    - MDOT is following proposed funding from FHWA along federally designated corridors.
    - FHWA has standard signage and guidelines, and MDOT is working to inventory existing EVSE signage and create a Maryland signage plan.
  - MDOT is designing a publicly available charging infrastructure placement survey tool in MetroQuest.
    - Counties, municipalities, and MPOs will be able to drop pins in a map to provide feedback for siting of EVSE and can note whether the location is government- or privately-owned.
    - Existing charging in the state is already mapped in the tool.
    - MDOT will encourage county agencies to reach out within their county for input from the transportation teams, sustainability teams, and more.
- MEA
  - The Maryland charger rebate money ran out funding for the fiscal year (FY) in mid-February.
    - MEA is still accepting applications and 327 applications are currently on the waitlist, with an uptick in residential charging installations.
    - MEA will start processed the waitlisted incentives on July 1, 2019, with an estimated \$336,000 ready to be processed.
    - MEA will work with the utilities to coordinate rebate incentive processing under the PSC Order No. 88997.
  - AFIP closed February 1, 2019 and MEA is soliciting feedback for the DCFC FY20 guidelines.
- MDE
  - Closed on Volkswagen settlement vehicle proposals (did not include infrastructure) on May 6
    - 44 proposals were submitted for \$105M, although MDE only has \$75.7M in funds with \$11.3 earmarked for infrastructure
    - Applications represent transit buses, airport ground equipment, school buses, and marine equipment, although some proposals may not meet eligibility requirements
- MDP
  - Recently closed Better Maryland comment period. One proposed strategy is for planning related challenges for EVs and CAVs.

**PSC Order No. 88997**

- Compliance filings were received from the Exelon utilities and the comment period has opened.
- SMECO has submitted a filing.
- BGE and PHI presented the overview of their education and outreach efforts to date, including resident surveys, target audience analysis, employee education, and the digital EV educational toolkit which will be embedded in the BGE, Pepco, and Delmarva websites by mid-June.
  - Will be including MarylandEV.org on their website as a reference

Next Meeting July 18, 2019  
2:00 p.m. – 4:30 p.m. at MDOT  
Harry Hughes Conference Room, Suites 2 and 3