**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.

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

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:
• School bus category is completed.
  • There were 5 awardees covering 4 counties: 6 electric school buses and 22 propane buses.
    o Counties should be able to put the buses on the road for the next school year.
  • There is still funding left. MDE will reopen the bus program in the spring for more funding opportunities.
    o MDE is looking into other areas of EV infrastructure development: workplace charging, state-owned properties, and hub chargers.
• MDP
  o The Planning Director Round Table could be a platform for reaching out to different jurisdictions about EV related issues in the future.
• Morgan State University
  o Research is being conducted on autonomous EVs, transit signalization interfaces, and safety integration work.
  o Morgan State University completed research for MDOT MVA on distracted driving.
• PSC
  o The BGE, PHI, and Potomac Edison compliance reports were filed and PSC approved PSC approved.
  o Slight modifications were made to the BGE public charging portfolio ratio of DCFC and Level 2 chargers.
  o SMECO’s public EV charging plan was approved for 60+ new SMECO-owned, public chargers.
  o First two public chargers (1 from BGE, 1 from PEPCO) went into service.
  o Reporting guidelines and metrics have been agreed upon by all parties and a proposal has been filed to determine how costs will be calculated and recovered for customers.
• Baltimore City
  o Developing an inventory of all parking lots and garages to determine potential locations for public charging station.

PSC Order No. 88997 – EV Portfolio Order Updates

• PHI:
  o Looking to increase residential incentives and multi-family housing applications.
  o Examining TOU rates and looking to offer new rates to Delmarva customers in the first or second quarter of 2020.
  o 3 million “impressions” and 17,000 clicks on social media.
  o Two PHI Level 2 chargers are now live in Tacoma Park.
  o Working with City of Rockville to add more public charging and looking to do a groundbreaking in early October.
  o The City of Salisbury and Prince George’s County are looking to invest in more public charging infrastructure.
  o PHI supported National Drive Electric Week and subsequently had 284,000 impressions on social media and 18 new incentive applications.
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