Agenda

• Welcome and Announcements
• Introductions
• Public Comments
• Maryland EV and EVSE Incentive Availability
• Legislative Working Group Update
• Communications Working Group Update
• State Agency Updates
• Utility Update
• Baltimore City EV Initiatives
• Closing Remarks
Welcome and Announcements

337 new EV registrations during the month of April brings the total to 25,758 Marylanders saying

I'm not pumped, I'M CHARGED!
Introductions
Public Comments
Maryland EV and EVSE Incentive Availability

• Mike Jones, MEA
<table>
<thead>
<tr>
<th>Fiscal Year 21</th>
<th>Residential</th>
<th>Commercial</th>
<th>Service Station</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Count</td>
<td>Total Amount</td>
<td>Count</td>
<td>Total Amount</td>
</tr>
<tr>
<td></td>
<td>190</td>
<td>$105,800.15</td>
<td>84</td>
<td>$163,316.83</td>
</tr>
</tbody>
</table>
Legislative Working Group Update

- Virginia Burke, MDOT
Communications Working Group Update

• Colleen Turner, MDOT
Website Analytics

March 12 – May 14, 2020

Overview

- Users (All Users)
- Users (Direct Traffic)
- Users (Referral Traffic)
- Users (Search Traffic)

Users
- All Users: 1,489
  - Direct Traffic: 384
  - Referral Traffic: 358

New Users
- All Users: 1,451
  - Direct Traffic: 374
  - Referral Traffic: 350

Sessions
- All Users: 1,840
  - Direct Traffic: 519
  - Referral Traffic: 453

Graphs showing traffic distribution for All Users and Direct Traffic.
Website Analytics

March 12 – May 14, 2020

Page Views: 3,979

Audience Overview:
Search Traffic: 51%
Referral Traffic: 24%
Direct Traffic: 25%

Top Referral Traffic:
1. bge.com: 25%
2. Pepco: 14%
3. npr.org: 12%
4. firstenergycorp.com: 11%
5. m.facebook.com: 10%

Top Pages Visited:
1. Homepage: 1,595 (40%)
2. Incentives: 1,119 (28%)
3. Charging: 287 (7%)
4. Resources: 187 (4%)
5. ev-101: 184 (4%)
6. resources/useful-links: 119 (3%)
7. about-bevi 93 (2%)
8. hydrogen-101: 75 (1.8%)
Social Media Analytics

Facebook Highlights:

• Total Posts in 28 Day Period: 7

• New Followers: 53 (53 additional people have liked the page)

• Post Engagements: 126 (126 people are interacting with the posts)

• Post Reach: 396 (Posts are reaching on average 396 people)
Social Media Post Examples

Maryland Electric Vehicle
April 28 at 11:23 AM

Thank you NPR for including a link to our page in your article about states taking the lead in promoting electric vehicles. Our incentives page provides all the information and links you need to take advantage of the great Maryland and Federal incentives for EVs and EV charging equipment. #MarylandEV #NPR

https://www.npr.org/2020/03/04/810418134/states-take-the-wheel-promoting-electric-vehicles

Maryland Electric Vehicle
6 hrs •

You can save when purchasing and installing an EV charger at home. Incentives from federal, state, and utility sources are available for Maryland residents. Check out the top rated chargers of 2020 then head to our incentives page to see how to save. #MarylandEV #EV MyBGE PepcoConnect Delmarva Power (Delmarva Connect) Potomac Edison

https://www.energysage.com/energy-products/ev-charging-stations/

Maryland Electric Vehicle
May 4 at 9:12 AM

Business owners in Maryland are amping up efforts to provide EV charging. High's in Jessup, MD recently took advantage of EV charging incentives to complement its convenience offerings. Thank you CSP for linking our incentive page in your article. #MarylandEV

https://www.cspdailynews.com/fuels/highs-adds-ev-charging

Maryland Electric Vehicle
May 7 at 12:00 PM

RS Automotive in Takoma Park, Maryland, made headlines when it became the first gas station in the nation to convert to EV charging only. Check out the article to learn more about how Maryland helped them do it. #MarylandEV


NPR.ORG
States Take The Wheel Promoting Electric Vehicles
There are nearly 1.5 million electric vehicles in the U.S. tod...
State Agency Updates
MDE - VW Settlement Progress, NESCAUM EV Work
Maryland’s Volkswagen Mitigation Plan Update

- Drayage and School Bus projects have been approved by the VW Settlement Fund Trustee to begin implementation.

- MDE completed reviewing and submitted all the Freedom Fleet and State Agency proposals to the Trustee for final approval. The Trustee now has up to sixty days to review and get back to MDE.

- MDE and MEA continue to work on the EV Infrastructure portion of the Plan, to be released soon with an anticipating application period beginning in late June/early July.
State Agency Updates

MDOT - Fleet Innovation and EVSE Installation
State Agency Updates

PSC - PC 44 and EV Work Group Updates
State Agency Updates

MDP - Census Update
MARYLAND 2020 CENSUS SELF-RESPONSE DATA

Maryland Zero Emission Electric Vehicle Infrastructure Council
May 21, 2020
HOW ARE CENSUS DATA USED

• Assisting tribal, federal, state and local governments in planning, and implementing programs and services in:
  ▪ Education
  ▪ Health care
  ▪ Transportation
  ▪ Social services
  ▪ Emergency response
• Distribution of more than $675 billion annually in federal funds.
• Redistricting of state legislative districts.
• Forecasting of future transportation needs.
• Determining areas eligible for housing assistance and rehabilitation loans.
MARYLAND 2020 CENSUS

• How to respond to the Census
  ▪ Internet
  ▪ Phone
  ▪ Mail

• Response Rates
  ▪ Tracked daily
  ▪ For most geographies (nation, state, county, city, census tracts)
  ▪ Available on interactive map
Self Response Dashboards

2020 Census Self-Response by State

This map features self-response rates from households that responded to the 2020 Census online, by mail, or by phone. Rates can be viewed in rankings here.

National Self-Response 59.5%
Maryland Self-Response 63.5%

2020 Census Total Self-Response

Total Response: 88,000,000 (households)
Total: 59.5%
Internet: 48.1%
Daily Change: -0.1%

Ranking by State

<table>
<thead>
<tr>
<th>Ranking</th>
<th>State</th>
<th>Response Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Ohio</td>
<td>64.7%</td>
</tr>
<tr>
<td>8</td>
<td>Virginia</td>
<td>64.0%</td>
</tr>
<tr>
<td>9</td>
<td>Illinois</td>
<td>64.5%</td>
</tr>
<tr>
<td>10</td>
<td>Indiana</td>
<td>64.3%</td>
</tr>
<tr>
<td>11</td>
<td>Kansas</td>
<td>63.8%</td>
</tr>
<tr>
<td>12</td>
<td>Maryland</td>
<td>63.5%</td>
</tr>
<tr>
<td>13</td>
<td>Kentucky</td>
<td>63.2%</td>
</tr>
<tr>
<td>14</td>
<td>Utah</td>
<td>63.1%</td>
</tr>
<tr>
<td>15</td>
<td>Connecticut</td>
<td>63.1%</td>
</tr>
<tr>
<td>16</td>
<td>Pennsylvania</td>
<td>62.4%</td>
</tr>
</tbody>
</table>

Ranking by County

<table>
<thead>
<tr>
<th>Ranking</th>
<th>County</th>
<th>Response Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Carroll, Maryland</td>
<td>75.5%</td>
</tr>
<tr>
<td>2</td>
<td>Howard, Maryland</td>
<td>73.3%</td>
</tr>
<tr>
<td>3</td>
<td>Harford, Maryland</td>
<td>71.7%</td>
</tr>
<tr>
<td>4</td>
<td>Frederick, Maryland</td>
<td>71.2%</td>
</tr>
<tr>
<td>5</td>
<td>Montgomery, Maryland</td>
<td>69.1%</td>
</tr>
<tr>
<td>6</td>
<td>Anne Arundel, Maryland</td>
<td>68.6%</td>
</tr>
<tr>
<td>7</td>
<td>Calvert, Maryland</td>
<td>67.7%</td>
</tr>
<tr>
<td>8</td>
<td>Charles, Maryland</td>
<td>66.5%</td>
</tr>
<tr>
<td>9</td>
<td>Baltimore, Maryland</td>
<td>65.6%</td>
</tr>
<tr>
<td>10</td>
<td>Washington, Maryland</td>
<td>65.0%</td>
</tr>
</tbody>
</table>

Responses received through: 5/10/2020

Household Responses by State

<table>
<thead>
<tr>
<th>State</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iowa</td>
<td>900,000</td>
</tr>
<tr>
<td>Kansas</td>
<td>850,000</td>
</tr>
<tr>
<td>Kentucky</td>
<td>1,300,000</td>
</tr>
<tr>
<td>Louisiana</td>
<td>1,200,000</td>
</tr>
<tr>
<td>Maine</td>
<td>380,000</td>
</tr>
<tr>
<td>Maryland</td>
<td>1,700,000</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>1,900,000</td>
</tr>
<tr>
<td>Michigan</td>
<td>3,200,000</td>
</tr>
<tr>
<td>Minnesota</td>
<td>1,900,000</td>
</tr>
<tr>
<td>Mississippi</td>
<td>790,000</td>
</tr>
</tbody>
</table>

For questions, email support@2020census.gov
Responses received as of 5/10/2020
Click here for technical details
MARYLAND RESPONSE RATES AT A GLANCE
MARYLAND RESPONSE RATES AT A GLANCE

WEEKLY RESPONSE RATES

Self-Response by State
National Self-Response: 59.5%
Alabama Self-Response: 57.6%
### Jurisdiction’s Reports

#### Self-Response Response Rates

<table>
<thead>
<tr>
<th>County</th>
<th>Total Self-Response Rate</th>
<th>Population</th>
<th>Population under 5</th>
<th>Population over 65</th>
<th>Hispanic Population</th>
<th>Foreign Born Population</th>
<th>Total Housing Units</th>
<th>Occupied Housing Units</th>
<th>Vacant Housing Units</th>
<th>Renters_Occupied Units</th>
<th>Percent Female Households with no Husband</th>
<th>Population not Responded</th>
<th>Households not Responded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anne Arundel</td>
<td>47.4%</td>
<td>5,686</td>
<td>147</td>
<td>719</td>
<td>152</td>
<td>204</td>
<td>2,012</td>
<td>1,658</td>
<td>204</td>
<td>912</td>
<td>10.4%</td>
<td>1,539</td>
<td>872</td>
</tr>
<tr>
<td></td>
<td>47.5%</td>
<td>4,416</td>
<td>172</td>
<td>246</td>
<td>432</td>
<td>331</td>
<td>2,006</td>
<td>1,759</td>
<td>110</td>
<td>1,559</td>
<td>15.1%</td>
<td>1,793</td>
<td>994</td>
</tr>
<tr>
<td></td>
<td>50.6%</td>
<td>4,673</td>
<td>399</td>
<td>303</td>
<td>396</td>
<td>881</td>
<td>2,246</td>
<td>2,104</td>
<td>104</td>
<td>1,515</td>
<td>27.0%</td>
<td>2,308</td>
<td>1,029</td>
</tr>
<tr>
<td></td>
<td>50.9%</td>
<td>3,981</td>
<td>508</td>
<td>9</td>
<td>414</td>
<td>310</td>
<td>1,262</td>
<td>1,166</td>
<td>206</td>
<td>1,187</td>
<td>7.2%</td>
<td>1,995</td>
<td>572</td>
</tr>
<tr>
<td></td>
<td>51.0%</td>
<td>5,683</td>
<td>853</td>
<td>1,000</td>
<td>944</td>
<td>901</td>
<td>2,750</td>
<td>2,469</td>
<td>283</td>
<td>1,894</td>
<td>16.3%</td>
<td>2,744</td>
<td>1,210</td>
</tr>
</tbody>
</table>

* Garrett and Worcester counties Self-Response rate is adjusted after excluding Census Tracts with secondary homes near Deep Creek Lake and Ocean City.

---

**Planning.Maryland.gov**
Census Bureau Self-Response Dashboard


Maryland Census Response Rates at a Glance

https://apps.planning.maryland.gov/censussdashboard/County2020ResponseRates.html

http://apps.planning.maryland.gov/censussdashboard/indexdash.html

Contact

Alfred Sundara, AICP
Manager, Projections and State Data Center
Ph: 410-767-4002
Email: Alfred.Sundara@Maryland.gov
State Agency Updates

Other - DBM, DGS, Additional MEA Thoughts
Utilities Updates

- Public and Multifamily EVSE Discussion
BGE’s EVsmart℠ Program Update

May 21, 2020

Kristy Fleischmann Groncki
Kristy.Fleischmann@bge.com
EVsmart Progress to Date

- **43** public chargers energized
- **201** chargers sited
- **23** multifamily chargers submitted
- **235** residential rebate applications
### BGE’s EVsmart Public Chargers

<table>
<thead>
<tr>
<th>County</th>
<th>Total Chargers</th>
<th>Chargers installed</th>
<th>Construction ready</th>
<th>Chargers in design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anne Arundel County</td>
<td>75</td>
<td>4</td>
<td>35</td>
<td>36</td>
</tr>
<tr>
<td>Baltimore City</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>Baltimore County</td>
<td>41</td>
<td>0</td>
<td>0</td>
<td>41</td>
</tr>
<tr>
<td>Calvert County</td>
<td>4</td>
<td>0</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>Carroll County</td>
<td>15</td>
<td>10</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Harford County</td>
<td>30</td>
<td>24</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Howard County</td>
<td>23</td>
<td>5</td>
<td>18</td>
<td>0</td>
</tr>
<tr>
<td>Montgomery County</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Prince George’s County</td>
<td>6</td>
<td>0</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>201</strong></td>
<td><strong>43</strong></td>
<td><strong>62</strong></td>
<td><strong>96</strong></td>
</tr>
</tbody>
</table>

**Number of chargers in design subject to change as we are waiting for government sign off**

201 charging stations is made of up 126 L2s and 75 DCFCs
Government Sign-off Needed

- 4 chargers pending with Chesapeake Beach
- 19 chargers pending with MDOT
- 22 chargers pending with BWI
- 17 chargers pending with DGS
BGE Public Charging Program

• Main reasons for delays
  1. Negotiating MOUs or ROW agreements per county
  2. Identifying locations for EVSE/ willingness to dedicate parking spaces to EV charging
  3. Timely response and sign-off of site proposals

• Other considerations
  1. BGE considering 150kW DCFC units for future installations
  2. Lease partnerships with government entities and private entities to expand potential EVSE locations
  3. Targeting state universities
Multifamily Rebate Applications

✓ 3 applications received totaling 23 chargers
✓ 86 multifamily property leads
  ✓ Purchased EVSE or planning to purchase
✓ Preapproval letters available
✓ Modified application process to allow EVSE manufacturer to submit application on behalf of the customer
✓ Several multifamily events were planned for April that were cancelled
COVID-19 Impacts

BGE Public Charging Network
• Experiencing delays in government sign-off and site identification
• Customers not utilizing public chargers

Multifamily Rebate Program
• Several customers that purchased EVSE are not moving forward with installation right now due to COVID-19
• New construction delays due to COVID-19
Baltimore City EV Initiatives
Closing Remarks – R. Earl Lewis, Jr.

• Next Meeting