

MARYLAND GRID MODERNIZATION RETREAT

November 7, 2019

Maryland Department of Transportation
TSO Board Room, 4th Floor
7201 Corporate Center Drive
Hanover, MD 21076



The National Governors Association (NGA) is co-hosting this meeting with the State of Maryland to explore grid modernization strategies. Maryland is preparing for increased electrification, primarily electric vehicles (EVs), and is looking for ideas to incentivize EVs, while managing impacts on the electric grid. Participants will convene to discuss ways to achieve Maryland’s aggressive EV procurement targets, while mitigating grid impacts. The retreat will be largely interactive and focused on collaboration and action planning as NGA will facilitate how Maryland can best prepare for transportation electrification.

AGENDA

NOVEMBER 7, 2019	
7:30 - 8:30 AM	Coffee and Registration
8:30 – 8:40 AM	NGA Introductions <ul style="list-style-type: none"> Jessica Rackley, Program Director, NGA
8:40 – 9:30 AM	Overview and Meeting Goals Maryland’s planning team will provide context for the retreat by sharing how their organizations are preparing for the impacts posed by electric vehicles. The session will include 1-minute introductions from all stakeholders in which each person will pose a question she/he would like to be addressed during the day. Introduction: <ul style="list-style-type: none"> Matt Rogotzke, Policy Analyst, NGA Speakers: <ul style="list-style-type: none"> Mary Beth Tung, Director, Maryland Energy Administration R. Earl Lewis, Deputy Secretary for Policy, Planning & Enterprise Services, Maryland Department of Transportation
9:30 – 10:25 AM	Electric Vehicle Incentives, Policies, and Education This session will provide an overview of successful EV and EVSE incentives and policies. Maryland has offered various incentives to meet state EV goals as well as provide funding for charging infrastructure. Both incentives have been popular and are typically exhausted quickly. Other topics include vehicle incentives, consumer education, and equity considerations. Moderator: <ul style="list-style-type: none"> Matt Rogotzke, Policy Analyst, NGA Speakers: <ul style="list-style-type: none"> Brett Williams, Principal Advisor, Center for Sustainable Energy

	<ul style="list-style-type: none"> • Kristy Fleischmann-Groncki, Manager, Baltimore Gas & Electric • Peter Kitzmiller, President, Maryland Automobile Dealers Association
10:25 – 10:45 AM	Break
10:45 – 11:30 AM	<p>Heavy Duty Electrification</p> <p>Ports and transit authorities play a key transportation role across Maryland and subsequently are central to electrification strategies. However, heavy duty electrification poses unique challenges such as lengthy charge periods, demand peaks, and equipment ownership models. Panelists will discuss the opportunities and challenges associated with their own equipment electrification.</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Jessica Rackley, Program Director, NGA <p>Speakers:</p> <ul style="list-style-type: none"> • Javier Itriago, Vice President, Port Development & Infrastructure, Ports America Chesapeake • Jeff Knueppel, General Manager, Southeastern Pennsylvania Transportation Authority (SEPTA)
11:30 – 12:00 PM	<p>Stakeholder Discussion – Reactions to the EV Incentives & Heavy-Duty Electrification Panels</p> <p>Stakeholders will share their thoughts on the most promising avenues for state action based on the discussion during the first two panels. NGA will facilitate a discussion with the following initial questions:</p> <p>Facilitator: Jessica Rackley, NGA</p> <ul style="list-style-type: none"> • What ideas did you hear during the past two panels that you found most promising? • What barriers remain that the state should address? • Are there additional EV incentives or educational programs that the state should consider? • What steps do you think Maryland needs to take to advance heavy duty electrification?
12:00 – 1:00 PM	<p>Working Lunch – Overview of MDOT Solar Deployment</p> <p>A presenter from Maryland’s DOT will provide highlights of its solar array deployments. The program is one of the first of its kind to be operated by a state transportation agency and creates clean energy while adding no costs to taxpayers.</p> <p>Introduction: R. Earl Lewis, Deputy Secretary, Maryland DOT</p> <p>Presentation: Eddie Lukemire, Program Manager, Maryland DOT</p>
1:00 – 2:00 PM	<p>Managing Grid Impacts for Reliability & Resilience Benefits</p> <p>Panelists will discuss the challenges posed by the proliferation of electric vehicles on the grid. Current challenges include adjusting to increasing DC Fast chargers, charging standardization, mitigating demand charges and heavy-duty vehicle impacts.</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Matt Rogotzke, NGA

	<p>Speakers:</p> <ul style="list-style-type: none"> • Jason Stanek, Chairman, Maryland Public Service Commission • Nancy Ryan, Partner, Energy + Environmental Economics • Rob Stewart, Manager, Smart Grid & Technology, Pepco Holdings/Exelon
2:00 – 2:30 PM	<p>Stakeholder Discussion – Reactions to the Grid Impacts Panel</p> <p>Stakeholders will share their thoughts on the most promising avenues for state action to address grid impacts.</p> <p>Facilitator: Matt Rogotzke, NGA</p> <ul style="list-style-type: none"> • What challenges were discussed that were most achievable? • What processes need to be developed to accommodate for long-term EV growth?
2:30 - 3:00 PM	Break
3:00 – 4:00 PM	<p>Opportunities for Stakeholder Feedback</p> <p>All stakeholders will share their thoughts on the most promising avenues for state action based on the day’s discussion.</p> <p>Co-Facilitators: Jessica Rackley and Emma Cimino, NGA</p> <ul style="list-style-type: none"> • What ideas did you hear today that you found most promising? • What barriers remain that the state could address? • What areas warrant further study or exploration by the state? • What next steps do you think Maryland needs to take to meet its EV goals?
4:00 PM	Participants Adjourn
4:00 – 5:00 PM	<p>State Team Debrief</p> <p>The state officials will remain to discuss the insights from the day and next steps. Discussion may include further development of best practices that Maryland can present as a model for state action.</p>