

STATE OF VERMONT  
PUBLIC UTILITY COMMISSION

Case No. 18-2660-INV

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Investigation into promoting the ownership and use of electric vehicles in the State of Vermont	
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Order entered: 09/25/2018

**PROCEDURAL ORDER ESTABLISHING WORKSHOP AGENDA**

On July 9, 2018, the Vermont Public Utility Commission (“Commission”) initiated this investigation in response to Section 25 of Act 158 (H.917) of the 2017-2018 Vermont legislative session. Consistent with Section 25 of Act 158, this investigation is aimed at identifying and removing barriers to increased ownership and use of electric vehicles (“EVs”) in Vermont.

On August 8, 2018, after receiving comments from interested persons and entities, we issued an order concerning the scope and schedule for the initial stage of this investigation. Specifically, we scheduled a workshop for October 1, 2018, to address (1) the current state of technology regarding both EV charging stations and EVs; (2) changes to the existing technology of both EV charging stations and EVs that are reasonably expected in the coming year; (3) barriers to the widespread deployment of EV charging stations; (4) barriers to the widespread ownership and use of EVs in Vermont; (5) strategies for the removal of such barriers; and (6) the appropriate scope, if any, of Commission or other state agency jurisdiction over EV charging stations owned and operated by both utility and non-utility entities. We also requested proposals from persons and entities that wanted to make presentations at the workshop.

The Commission received presentation proposals<sup>1</sup> from Greenlots,<sup>2</sup> Siemens,<sup>3</sup> FLO,<sup>4</sup> General Motors, Chargepoint,<sup>5</sup> Green Mountain Power Corporation, City of Burlington Electric Department, Vermont Department of Buildings and General Services, Freedom Nissan of South

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<sup>1</sup> The majority of the proposals were received by the Commission indirectly through the efforts of the Vermont Department of Public Service. The Department reached out to numerous persons and entities and organized them by subject matter into proposed panels designed to address the topics the Commission identified for discussion during the workshop. The Department then filed its proposed list of panels and individuals associated with each panel. The Commission appreciates the efforts made by the Department to help organize the workshop.

<sup>2</sup> Greenlots is a provider of electric vehicle charging and grid management software.

<sup>3</sup> Siemens is a global corporation with an energy management division.

<sup>4</sup> FLO is Canada’s largest electric vehicle charging network.

<sup>5</sup> ChargePoint is an EV infrastructure company that operates an open electric vehicle charging network.

Burlington, Green Mountain Transit, Nissan USA, Union of Concerned Scientists, Electrify America,<sup>6</sup> Tesla, Vermont Public Power Supply Authority, Advanced Energy Economy,<sup>7</sup> Regulatory Assistance Project,<sup>8</sup> Conservation Law Foundation, Sierra Club, and National Consumer Law Center.<sup>9</sup>

After reviewing the various proposals and requests, the Commission has determined that the Department's proposal to organize panels addressing the different topics identified in our August 8, 2018, order is the appropriate way to proceed. Given the high level of interest expressed in the workshop, this approach will allow participation by a larger number of individuals and entities and will ensure that a broad variety of perspectives are taken into account. We have made some minor adjustments to the composition of some of the proposed panels in response to requests made by some participants. Individual panelists will be allocated approximately five minutes to make a presentation on the topic(s) being addressed by their panels, with questions and answers to follow after all panelists on a given panel have made their presentations. The schedule for the workshop is:

- |                  |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00-9:10 A.M.   | Opening remarks, Commissioner Margaret Cheney                                                                                                                                                                                                                                                                                                                                                                          |
| 9:15-10:15 A.M.  | <p>Panel 1: Current and future state of EV and EVSE<sup>10</sup> technology</p> <p>Dave Roberts, Drive Electric Vermont, facilitator<br/>           Scott Fisher, Greenlots<br/>           Celia Dayagi, Siemens<br/>           Senior Products Engineer (TBD), FLO<br/>           Britta Goss, General Motors (via video conference)<br/>           Kevin Miller, Chargepoint<br/>           Brian Zellis, Nissan</p> |
| 10:25-11:25 A.M. | <p>Panel 2: Barriers to EV deployment, strategies to address barriers</p> <p>Peter Walk, Deputy Secretary ANR, facilitator<br/>           Josh Castonguay, GMP<br/>           Darren Springer, BED</p>                                                                                                                                                                                                                 |

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<sup>6</sup> Electrify America deploys EV charging infrastructure.

<sup>7</sup> Advanced Energy Economy is an organization of businesses that advocates for the deployment of clean energy resources.

<sup>8</sup> Regulatory Assistance Project is an organization that advocates for a transition to clean, reliable, and efficient energy.

<sup>9</sup> NCLC is a nonprofit organization with a history of working with low-income and disadvantaged consumers, including analysis of the equity and access concerns that arise in the transition to transportation electrification.

<sup>10</sup> Electric vehicle supply equipment. EVSE is equipment used to recharge electric vehicles and can generally be thought of as EV charging stations.

- Dan Edson/Harmony Wilder, BGS, fleet provider (or Uber)  
Robert Miller, Freedom Nissan  
Mark Sousa, Green Mountain Transit  
Consumer representation (TBD)<sup>11</sup>  
Nathaniel Shoaff, Sierra Club
- 11:35-12:35 P.M. Panel 3: Barriers to EVSE deployment and strategies to address barriers
- Dan Dutcher, VTrans Environmental Policy Manager, facilitator  
Travis Allen, FLO  
Dan Gatti, Union of Concerned Scientists  
Celia Dayagi, Siemens  
Electrify America (TBD)  
Tesla (TBD)  
Nathaniel Shoaff, Sierra Club
- 12:35-1:30 P.M. Lunch Break
- 1:30-2:30 P.M. Panel 4: Jurisdictional issues
- Commissioner June Tierney, Department, facilitator  
Kevin Miller, Chargepoint  
Ken Nolan, VPPSA  
Matt Stanberry, AEE  
Joni Slinger, RAP  
Nathaniel Shoaff, Sierra Club
- 2:40-3:40 P.M. Panel 5: General question and answer panel
- Commissioner Margaret Cheney, PUC, facilitator  
Thomas Ashley, Greenlots  
Kevin Miller, Chargepoint  
Matt Stanberry, AEE  
Celia Dayagi, Siemens  
Electrify America (TBD)  
Travis Allen, FLO  
Nathaniel Shoaff, Sierra Club  
Brian Zellis, Nissan  
Consumer representative from Panel 2  
Dan Gatti, Union of Concerned Scientists
- 3:40 P.M. Concluding remarks and next steps, Commissioner Cheney

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<sup>11</sup> Both Conservation Law Foundation and National Consumer Law Center expressed interest in having a consumer perspective included in the workshop. The Commission believes that such an interest is best placed in the discussion of barriers to more widespread EV deployment. The Commission directs CLF and NCLC to consult with each other to select an appropriate individual to occupy this spot on Panel 2.

Panelists are encouraged to consult with each other in advance of the October 1 workshop to avoid unnecessary repetition when making presentations. It is clear from the number of participants that we will all need to be as efficient as possible if we are to conclude the agenda in the time allotted.

Participants are reminded that the location of the workshop has been moved from the Commission's hearing room to Room 11 of the Vermont Statehouse. A notice of the relocated workshop has been issued separately from this procedural order.

The Commission looks forward to hearing the thoughts, experiences, and ideas from all of the participants in the upcoming workshop.

**SO ORDERED.**

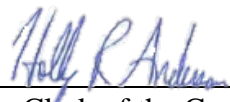
Dated at Montpelier, Vermont, this 25th day of September, 2018.



John J. Cotter, Esq.  
Deputy General Counsel

OFFICE OF THE CLERK

Filed: September 25, 2018

Attest:   
Deputy Clerk of the Commission

*Notice to Readers: This decision is subject to revision of technical errors. Readers are requested to notify the Clerk of the Commission (by e-mail, telephone, or in writing) of any apparent errors, in order that any necessary corrections may be made. (E-mail address: [puc.clerk@vermont.gov](mailto:puc.clerk@vermont.gov))*

PUC Case No. 18-2660-INV - SERVICE LIST

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