



West Regional Transportation Electrification Workshop

Thursday, April 4 – Friday, April 5

Charter Hotel, 1610 2nd Ave, Seattle, Washington

AGENDA

Transportation electrification can help achieve a variety of environmental, economic, energy reliability, resiliency and security goals. The transportation sector is moving towards greater electrification across multiple applications including light-duty and transit vehicles, bicycles and scooters, and maritime and aviation. However, questions about what this transition should look like, and barriers to wide-spread adoption, remain. Consequently, states are considering how to craft policies and incentives, engage stakeholders and improve the planning and financing of charging infrastructure. This is the third of four regional workshops to help states develop strategies and improve the planning and deployment of charging infrastructure, as well as electric vehicle (EV) incentive programs. The workshop will include time for participants to reflect on lessons learned and exchange ideas.

DAY 1 (Thursday, April 4th)

Business Casual Attire

(All sessions take place in the Magnolia/Fremont Rooms unless otherwise indicated)

- 7:30 – 8:15am *Breakfast & registration*
Foyer & Georgetown
- 8:15 – 8:25am **Welcome & Opening Remarks**
Speaker: **Sue Gander**, NGA
- 8:25 – 9:10am **Background & State Introductions**
Each state will have four minutes to present on the status of vehicle electrification in their state, existing policies, and how Volkswagen Environmental Mitigation Trust funds are being allocated.

Moderator: **Garrett Eucalitto**, NGA
- 9:10 – 9:15am **Trivia Question**
- 9:15 – 10:30am **Crafting Incentives, Developing Policies, and Building Consumer Awareness**
Panelists will discuss the effectiveness of various vehicle purchase incentives and policy mechanisms, as well as the responsibility and importance of consumer engagement on electric vehicles.

Moderator: **Charles Knutson**, Senior Policy Advisor, Office of Governor Jay Inslee
Speakers:
Janea Scott, Vice Chair, California Energy Commission
David Bauer, Senior Manager of Government Affairs, Hyundai Motors
J.R. DeShazo, Ph.D., Director, Luskin Center for Innovation, UCLA
- 10:30 – 11:00am **Bingo Activity**
Foyer *Break*

11:00 – 12:15pm	<p>Charging Infrastructure: What, Where, and How Many? One of the most persistent challenges with EV adoption is the concern around charging availability. This panel will explore this topic and provide recommendations for states as to how to address challenges and employ best practices in meeting charging needs.</p> <p>Moderator: Miles Muller, Clean Energy Legal Fellow, NRDC Speakers: Zachary Owens, Program Manager, Transportation Fuels & Technology, Colorado Energy Office Annie Schneider, Program Specialist, Utah Governor’s Office of Energy Development Matt Nelson, Director of Government Affairs, Electrify America Matteo Muratori, Ph.D., Engineer, Integrated Transportation and Energy Systems, NREL</p>
12:15 – 1:15pm Georgetown I/II	<p><i>Lunch</i></p>
1:15 – 2:15pm	<p>Electrification for All The benefits from electrification are considerable, yet too often those in marginalized communities are unable to benefit from new technologies. This panel will articulate policies to ensure unserved and underserved communities, such as low-income families or those living in rural areas, have equitable access to EVs and their benefits.</p> <p>Moderator: Jeff Allen, Executive Director, Forth Speakers: Bryan Hannegan, President and CEO, Holy Cross Energy Joel Espino, Environmental Equity Legal Counsel, Greenlining Institute Jose Chi, Multicultural Outreach Manager, ECOSS</p>
2:15 – 2:30pm	<p><i>Break</i></p>
2:30 – 3:00pm	<p>The Future of EV Fleets, TNCs, and Shared Mobility Transportation network companies (TNCs), like Lyft and Uber, rapidly emerged as a substitute for taxis and other modes. If TNC vehicle fleets can be electrified they may offer an opportunity for emissions reductions, given that TNCs drive higher average vehicle miles traveled (VMT) than conventional vehicles. State policy will be critical in incentivizing this transition. An expert from UC Davis will discuss this issue and provide context into how the 3 revolutions in sharing, electrification and automation may shape our transportation future.</p> <p>Speaker: Mollie D’Agostino, Policy Director, 3 Revolutions Future Mobility Program, Institute for Transportation Studies at UC Davis</p>
3:00 – 3:30pm	<p>Remarks from The Honorable Jay Inslee, Governor of Washington</p>
3:30 – 4:00pm	<p><i>Break</i></p>
4:00 – 5:00pm Ballard, Belltown, & Georgetown I/II	<p>Small Group Reflection & Brainstorming Session Participants will breakout into small groups to reflect on the day’s panels, consider future objectives and challenges, and brainstorm ideas.</p>
5:00 – 5:15pm	<p>Small Group Report Out One representative from each group will have 4 minutes to report out about their group’s discussion and ideas.</p>
5:15 – 7:00pm	<p><i>Evening Reception – Fog Room on the 16th Floor</i></p>

DAY 2 (Friday, April 5th)

7:30 – 8:15am
Georgetown I/II

Breakfast

8:15 – 9:15am

Who Owns, Operates and Pays for the Infrastructure?

Determining who should install, own, and operate charging infrastructure will ultimately influence how EV adoption progresses, how costs are allocated, and who bears risk. This panel will explore the various ownership models and share unique perspectives on each.

Moderator: **Sue Gander**, Division Director, National Governors Association

Speakers:

Ashley Horvat, VP Public & Private Partnerships, Greenlots

Eli Morris, Sr. Planning Manager – Customer Solutions, Pacific Power

Phil Jones, Executive Director, Alliance for Transportation Electrification

9:15 – 10:15am

Managing the Grid

Transportation electrification can represent substantial load growth, can put downward pressure on utility bills for all ratepayers, and can help integrate more renewable energy onto the grid. However, given the localized nature of vehicle electrification, and the possibility of high charging demand at peak periods, there are also possible grid challenges. This session will feature a conversation on the policy mechanisms to encourage more “smart” charging and maximize the grid benefits of electrification.

Moderator: **Chris Nelder**, Manager, Rocky Mountain Institute

Speakers:

David Danner, Chairman, Washington Utilities and Transportation Commission

Nancy Ryan, Partner, E3

Bryce Yonker, Executive Director, Smart Grid Northwest

10:15 – 10:45am
Foyer

Break

10:45 – 11:15am

Impact on State Revenue

The conversion from ICE to EVs will ultimately put a strain on revenues used for transportation. Our speaker from Oregon DOT will discuss one possible funding solution: a road usage charge, also known as a VMT tax or mileage-based user fee, instead of fuel taxes.

Speaker:

Maureen Bock, OReGO Program Manager, Oregon Department of Transportation

11:15 – 12:15pm

Electrifying State Light-Duty Fleets & Transit

States purchase and manage large light-duty fleets of vehicles as well as public transit and maritime. Panelists will shed light on the benefits of electric vehicle fleets and how states can leverage their purchasing power to capture associated benefits.

Moderator: **Melissa Savage**, Director, Center for Environmental Excellence, AASHTO

Speakers:

Hanna Waterstrat, Assistant Director, State Efficiency and Environmental Performance, Washington Department of Commerce

Ryan Daley, CEO, Sawatch Labs

Rob Gannon, General Manager, King County Metro

12:15 – 1:15pm
Georgetown I/II

Lunch

1:15 - 1:45pm

Alternative Fuel Corridors and Signage

A speaker from the Washington Department of Transportation will present on the FHWA Alternative Fuel Corridors program. Included will be a discussion of the progress of the REV West Plan and the West Coast Electric Highway.

Speaker: **Tonia Buell**, Project Development Manager, Washington Department of Transportation

1:45 - 2:15pm

Discussion: How Can Governors Promote Transportation Electrification?

The Western Region, like much of the rest of the country, welcomed many new governors in 2019. Each attendee will suggest one action a governor could take to promote transportation electrification in their state.

Moderator: **Matt Rogotzke**, NGA

2:15 - 2:30pm

Wrap-up