



An Important New Conference on
Electric Vehicle Charging Infrastructure

*Pacific Northwest state and local transportation decarbonization plans
and key issues to resolve as the region builds out charging infrastructure*

June 20 & 21, 2024

Live via Interactive Online Broadcast

Agenda—Day 1

9:00 Introduction & Overview

Eric L. Christensen, Esq., *Program Co-Chair*
Beveridge & Diamond ~ Seattle, WA
Timothy L. McMahan, Esq., *Program Co-Chair*
Stoel Rives ~ Portland, OR

9:15 Special Opening Address: A Big Picture Look at the Evolving Roadmap for the Transition from Fossil Fueled Vehicles in the United States

Key elements: Vehicles, charging infrastructure, hydrogen as an alternative for longer distance transportation, social equity considerations and solutions; cutting edge technologies coming over the horizon

Jeff Allen, *Executive Director*
Forth ~ Portland, OR

10:00 Break

10:15 Clean Vehicle Policy Implementation and Infrastructure Grant Funding in the Pacific Northwest

Oregon: ODOT's implementation of the Federal Highway Administration National Electric Vehicle Infrastructure Program (NEVI) including corridors to be developed; roles for ODEQ, ODOE & OPUC; Center for Sustainable Energy; Clean Vehicle Rebate Project

Mary Brazell,
Transportation Electrification Program Manager
Oregon Department of Transportation ~ Salem, OR

Rachel Sakata,
Transportation Strategies Section Manager
Oregon Department of Environmental Quality
Salem, OR

Washington's plan for EV Infrastructure Deployment: Statewide Transportation Electrification Strategy (TES); funding sources, levels, and distribution; EV-utility grid interconnection/distribution study; Interagency EV Council members and roles

Emma Wyma,
Clean Transportation Policy Engagement Specialist

Washington State Department of Commerce
Seattle, WA

The need to integrate housing policies and transportation decarbonization policies; how recent and developing land use policy changes in Washington, Oregon, and BC can reduce overall transportation energy demands and the need for additional generation

Michael Andersen, *Director of Cities and Towns*
Sightline Institute ~ Portland, OR

12:15 Lunch (on your own)

1:30 **The Renewable Energy Backbone for Green Electric Vehicle Charging Infrastructure: To What Extent Will We Need Additional Generating Capacity**

Grid readiness analysis: Where will we need additional grid capacity to meet the anticipated load? To what extent can new longer-term storage technologies, like iron-air batteries, reduce the need for new generation and transmission?

Michael Hagerty, *Principal*
The Brattle Group ~ Washington, DC

Near-term prospects for siting new renewable generating facilities: What locations have the right site characteristics and local support for energy development projects?

Elaine R. Albrich, Esq.
Davis Wright Tremaine ~ Portland, OR

2:30 **New Transmission Infrastructure: How Will We Deliver Renewable Energy to the Optimal Locations for Charging Infrastructure?**

Overview: Siting challenges associated with transmission lines as linear projects

Timothy L. McMahan, Esq., *Program Co-Chair*

Lessons from siting the Boardman to Hemingway long distance arial high voltage transmission line for obtaining siting approval from multiple jurisdictions; update on recent and pending proposals

Troy Gagliano, *Senior Energy Supply Procurement Originator*
Portland General Electric ~ Portland, OR

Out of the box thinking: Case study of the evaluation process for the Cascade Renewable Transmission Project's selection of the bottom of the Columbia River as a potential transmission corridor

Jeffrey T. Wood, *Chief Commercial Officer*
PowerBridge ~ Fairfield, CT

3:30 Break

3:45 **Optimizing the Role for Distribution Utilities in Electric Vehicle Charging**

Perspectives on the scope of state rate and service jurisdiction over charging services; who should own what for infrastructure; use of regulatory rate and service options for reducing the need for additional generation and transmission

Philip B. Jones, *Executive Director*
Alliance for Transportation Electrification
Seattle, WA

Sanem Sergici, Ph.D., *Principal*
The Brattle Group ~ Boston, MA

5:00 Adjourn Day 1

Agenda—Day 2

9:00 **Local Government Project Siting and Permitting and the Role Electric Vehicles and Charging Infrastructure Can Play in Community Revitalization**

How to facilitate local infrastructure development: Perspectives on local planning and permitting mandates and processes including siting procedures and building codes; how to make public investments efficient, effective, and achieve social equity

Dana L. Krawczuk, Esq., Moderator
Stoel Rives ~ Portland, OR

Hannah Morrison, Transportation Planner
Portland Bureau of Transportation ~ Portland, OR

Steffani Cuff, Programs Director
Forth ~ Portland, OR

Leah Missik, Acting Washington Director
Climate Solutions ~ Seattle, WA

Brendan O'Donnell, Director - EV Infrastructure
McKinstry ~ Seattle, WA

11:00 Break

11:15 **Charging Facility Development**

Update on Seattle City Light's EV charging infrastructure deployment program: Development of the strategic plan, in conjunction with the Rocky Mountain Institute, looking across all market segments, and implementation progress to date

Angela Song,
Transportation Electrification Portfolio Manager
Seattle City Light ~ Seattle, WA

11:45 **Tips and Resources for Effective Community Advocacy and Public Engagement Processes**

Achieving public buy-in for EVs and generating in elected officials the political will to act and include implementation funding; update on EV Council Advisory Committee work to facilitate engagement and plans for more targeted future work

Susan D. Baird-Joshi,
Member of Electric Vehicle Council Advisory Committee, 2023
CaliberA LLC ~ Kirkland, WA

12:15 Lunch (on your own)

1:30 **Electrons vs. Hydrogen: Decarbonization of the Trucking Sector**

Long distance heavy trucking: Challenges and best placement for big rig electric charging infrastructure from a fleet operator perspective; factors influencing a fleet operator's choice between electrification and hydrogen fuel for decarbonization

Carl Hergart, Director, Global Powertrain Planning
PACCAR ~ Bellevue, WA

Tips for putting together a cost-effective actionable plan to decarbonize a vehicle fleet: Government and private sector resources; guide to readily available data analysis modeling tools

Adam Nashban, Program Manager
Breaking Barriers Collaborative ~ Portland, OR

2:45 Break

3:00 **End of Life Issues for Electric Vehicle Batteries**

Application of hazardous waste regulations to used lithium-ion batteries and materials resulting from battery recycling; unanswered questions; upcoming changes; and opportunities for advocacy to foster a circular economy for critical minerals in batteries

Aaron H. Goldberg, Esq.
Beveridge & Diamond ~ Washington, DC

4:00 Evaluations and Adjourn

Who Should Attend

Attorneys, industry executives, government officials, Tribal representatives, environmental and management consultants, land use planners, and others involved with issues at the intersection of electric power, transportation, facility siting, and community development

About the Conference

We have received requests to present a conference on Electric Vehicle Charging Infrastructure and are pleased to announce this new program.

Washington has set a goal for all new car sales to be electric vehicles by 2030 and Oregon has adopted the Advanced Clean Cars II regulations that require 100% of new car sales to be ZEVs by 2035. This commitment to transportation electrification raises great challenges. You will hear how the region's electric system will need to handle significant new transportation loads at the same time Washington and Oregon aim to eliminate all GHG-emitting generation by mid-century. What is the best strategy for building out charging infrastructure to address "range anxiety"? Who pays? Can aggressive loads be reconciled with emerging laws? What reforms in permitting and zoning are needed?

Regionally, you will hear discussions on how heavy-duty vehicles like long-haul trucks and delivery vans can be electrified or otherwise converted to non-emitting fuels. To what extent are there federal subsidies and incentives available? On a local level, how can residents of apartments and low-income housing access EV charging? What are the implications for building owners? What responsibilities do local governments bear?

This Conference will bring together EV advocates, government officials, representatives from the building and automobile industries, transportation and delivery companies, legal experts, and policy advocates to provide you with a range of perspectives on, and potential solutions for, vehicle electrification issues. They bring you up to date on successfully navigating what it will take to transition away from a fossil fueled transportation system.

We hope to see you there. Register soon.

~ Eric L. Christensen, Esq. of Beveridge & Diamond and
Timothy L. McMahan, Esq. of Stoel Rives, Program Co-Chairs

Registration & Other Conference Information

Tuition: Regular tuition for this program is \$1095 with a group rate of \$985 each for two or more registrants from the same firm. For government employees, we offer a special rate of \$820. For Tribal members, public interest NGO's, students, and people in their job for less than a year, our rate is \$547.50. All rates include admission to all program sessions and course materials.

Make checks payable to Law Seminars International.

As a value-added bonus, you will receive access to audio and video recordings of the program at no extra charge.

Financial aid is available to those who qualify. Contact our office for more information.

Substitution & Cancellation: You may substitute another person at any time. We will refund tuition, less a \$50 cancellation fee, if we receive your cancellation by 5:00 p.m. on Friday, June 14, 2024. After that time, we will credit your tuition toward attendance at another program or the purchase of an audio or video replay.

Continuing Education Credit: Live credits: This program qualifies for 11.25 Washington MCLE, 11.25 Oregon MCLE, 11.25 AICP land use planner, and 11.25 ABCEP environmental professional credits. Upon request, we will help you apply for CLE credits in other states and other types of credits.

Time Shift Your Content: Audio and video replay files, with course materials, are available for download or on a flash drive at the same price as live attendance. Files are available for downloading five business days after the program or from the date we receive payment. Flashdrive orders are sent via First Class mail within seven business days after the program or from the date we receive payment. The course materials alone are available for \$100.

Faculty

Eric L. Christensen, *Program Co-Chair*, is a principal at Beveridge & Diamond. He assists renewable and traditional energy companies, as well as major energy consumers, to navigate the complex legal and regulatory systems governing the nation's

energy industry. He formerly served as Assistant General Counsel at the Snohomish County Public Utility District, one of the largest publicly owned utilities in the U.S., and as a trial attorney at the Federal Energy Regulatory Commission.

Timothy L. McMahan, *Program Co-Chair*, is a partner at Stoel Rives practicing in the areas of energy, land use, environmental and municipal law. He focuses his practice on leading interdisciplinary teams advocating for and defending energy facilities and other major infrastructure projects facing opposition. He formerly served as the Port Townsend, Washington, City Attorney.

Dana L. Krawczuk, *Moderator*, is a partner in the Environment, Land Use, & Natural Resources group at Stoel Rives. She represents residential, commercial, and industrial clients in all phases of land use entitlement processes. She has represented clients in high-profile land use and annexation cases that have helped shape the law of the region.

Elaine R. Albrich, a partner at Davis Wright Tremaine, focuses on navigating and resolving complex situations involving use of land, impacts to natural resources and resource lands. Her energy facility siting experience includes permitting over 1,000 MW of renewable energy over the last 10 years. She also performs permitting due diligence reviews for energy financing deals.

Jeff Allen has served as Executive Director of Forth since 2011. He is a highly regarded expert on transportation electrification with a passion for bringing diverse stakeholders together, finding creative solutions to vexing challenges and building strong teams. Jeff previously served as Executive Director and organizational development consultant for multiple nonprofit conservation organizations.

Michael Andersen is the Director of Cities and Towns for Sightline Institute. He formerly worked on affordable housing issues at 1000 Friends of Oregon and on bike lanes for PeopleForBikes.

Susan D. Baird-Joshi, the Principal at CaliberA LLC, served as a Member of Electric Vehicle Council Advisory Committee in 2023. The Committee's primary goal is to "develop recommendations in the statewide transportation electrification strategy".

Mary Brazell is the Transportation Electrification Program Manager for the Oregon Department of Transportation. She is leading development and implementation of Oregon's National EV Infrastructure State Plan to invest over \$65 million of federal funds plus matching state funds in EV fast charging along Oregon's major highways over the next five years. She previously managed development of two Charging and Fueling Infrastructure federal grant proposals for medium/heavy-duty charging and hydrogen fueling stations.

Steffani Cuff is the Programs Director for Forth and leads the team that manages Forth's demonstration projects and consumer engagement work. With a diverse background in social services, healthcare, and technology, she brings experience in process improvement, quality assurance, and organizational leadership to Forth.

Troy Gagliano is a Senior Energy Supply Procurement Originator at Portland General Electric. He formerly was a Senior Developer for Renewable Energy at EDF Renewable Energy and a Senior Policy Specialist at Renewable Northwest

Aaron H. Goldberg, a principal at Beveridge & Diamond, has focused on hazardous waste issues since the beginning of the federal regulatory program in 1980. His clients consist of companies and trade associations in the chemicals, electronics, recycling, petroleum, pharmaceuticals, retail, steel, and mining industries, as well as government entities and non-profit organizations. Before joining Beveridge & Diamond, he served as a consultant to the U.S. Environmental Protection Agency.

Michael Hagerty is a Principal at The Brattle Group and specializes in planning and regulatory matters related to the electric power system in an increasingly decarbonized future. His expertise includes long-term generation and storage resource planning, transmission planning and development, and electrification of transportation and heating.

Carl Hergart is the Director of Global Powertrain Planning and Agency Relations for PACCAR. He previously worked in engineering roles at DAF Trucks UK, Caterpillar, General Motors, and the Ford Motor Company.

Philip B. Jones is President of Phil Jones Consulting and serves as Executive Director of the Alliance for Transportation Electrification. It is a recently established industry-funded non-profit association that seeks to promote the acceleration of transportation electrification deployments, a robust utility role, and interoperability and open standards. He served on the Washington Utilities and Transportation Commission (UTC) from March 2005 to March 2017.

Leah Missik is Acting Washington Director of Climate Solutions, a regional nonprofit working to accelerate clean energy solutions to the climate crisis. Most of her work focuses on policy research and advocacy in Washington as it relates to climate and transportation. Prior to Climate Solutions, Leah was the Program Manager of Built Green, a regional green home certification program in Washington State.

Hannah Morrison is a Transportation Planner for the City of Portland's Bureau of Transportation working on the City's transportation electrification and decarbonization efforts. Existing projects include the US DOT SMART grant to pilot the country's first regulated Zero-Emission Delivery Zone and the US DOE Park & Charge grant to expand the network of convenient, affordable, and reliable public curbside EV chargers.

Adam Nashban the Program Manager for Climate Solution's Breaking Barriers Collaborative. The Collaborative's Fleet Decarbonization Accelerator program helps fleet operators transition away from diesel engines to emissions-free vehicles. It offers a hands-on learning program to help participants develop decarbonization action plans, a business case for a cost-effective transition, and a pitch deck to help bring stakeholders on board.

Brendan O'Donnell, Director of EV Infrastructure at McKinstry focuses on deployment of EV charging infrastructure for commercial customers. He formerly was Senior Manager for Business Development at Rivian, Senior Manager for Sustainable Transportation at Amazon, and Manager for Strategy, Planning, & Analytics at Seattle City Light.

Rachel Sakata is the Transportation Strategies Section Manager for the Oregon Department of Environmental Quality. She oversees the Transportation Strategies section that establishes programs and policies such as regulatory efforts and administration

of grants and rebates to encourage the adoption of light, medium, and heavy duty zero emission vehicles. Her section also includes programs to reduce emissions from diesel vehicles.

Sanem Sergici, Ph.D., is a Principal at The Brattle Group. She specializes in matters related to rate design, electrification, grid modernization investments, and alternative ratemaking mechanisms. She has conducted studies that explore the impact of electrification on grid investments and investigate the role of distributed energy resources in meeting climate goals.

Angela Song is the Transportation Electrification Portfolio Manager for Seattle City Light. City Light's Transportation Electrification Strategic Investment Plan grew out of a 2015-2016 Transportation Electrification Benefit Analysis conducted with Energy and Environmental Economics, Inc. (E3) and a 2018-2019 Transportation Electrification Strategy Report co-developed with the Rocky Mountain Institute.

Jeffrey T. Wood is a Senior Vice President the Chief Commercial Officer for PowerBridge. He is a former managing director at the investment bank Société Générale, where he was responsible for serving as financial advisor and for arranging \$600 million in non-recourse project financing for the Neptune transmission project, a 660-MW undersea transmission cable completed in June of 2007.

Emma Wyma is a Clean Transportation Policy Engagement Specialist at the Washington State Department of Commerce and leads the public engagement efforts for clean transportation programs in the State Energy Policy Office. Previously she was a Sustainability Analyst at an environmental consulting firm working on international renewable energy and climate resiliency projects.