

Utility Planning in a Changing Landscape

Lunch & Learn Series

Session 4: Electricity Reliability and the Clean Energy Future

12:00 PM - 1:30 PM (PST) / 1:00 PM - 2:30 PM (MT)

November 10, 2021

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NW Energy Coalition

Session 4: Electricity and the Clean Energy Future

November 10, 12:00pm - 1:30pm (PST) / 1:00pm - 2:30pm (MT)

A reliable electric system is crucial for the wellbeing of Northwest communities.

- What are the measurements for resource reliability that are key for grid operators and how do we ensure the benefits of clean and distributed resources are properly valued?
- What are the tools available for grid operators so that they can incorporate clean energy resources more effectively?
- How do we ensure that clean energy resources are incorporated in a way that ensures system reliability?

Fred Heutte
Senior Policy Associate,
NW Energy Coalition



Fred came on board in February 2011, and is very pleased to be involved with the Coalition again after being a co-founder and board member in the 1980s. He has a background in energy and climate policy and worked at several firms involved with energy efficiency program evaluation in the Northwest and nationally. He later formed a database services business assisting nonprofit groups around the country. He has been active in the Sierra Club's national energy and climate effort and leads their delegation at the UN climate conferences, and currently serves on the board of the Citizens Utility Board of Oregon.



NW Energy Coalition

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SPEAKERS

Debra Lew,
Associate Director of Energy
Systems Integration Group



Debbie is the Associate Director of the Energy Systems Integration Group. Her expertise lies in leading power system studies to decarbonize our energy system, including studies focused on wind, solar, storage, transmission and distributed energy resources (DERs). She also worked at GE Energy Consulting and the National Renewable Energy Laboratory, including secondment to the Hawaiian Electric Company. She is the Immediate Past Chair of the IEEE Power & Energy Society's Wind and Solar Power Coordinating Committee and a member of IEA Wind Task 25. She has a PhD in Applied Physics from Stanford University and a BS degrees in Electrical Engineering and Physics from MIT.

Nicole Hughes,
Executive Director at
Renewable Northwest



Nicole Hughes joined Renewable Northwest as Executive Director in July 2018. She has over 16 years of experience in the renewable energy industry in areas such as project development, construction, finance, permitting and policy for utility-scale wind and solar energy. She has worked for AWS Truepower, HDR, Element Power, RES Americas, Tetra Tech, and The Bonneville Power Administration. She currently serves on the boards of the Center for Energy Efficiency and Renewable Technologies, the Renewable Hydrogen Alliance and the Center for Resource Solutions Green E Governance Board. Nicole lives in Portland, OR with her husband and two kids and spends most of her free time recreating in the mountains of the Pacific Northwest.



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Acronyms

CETA – Clean Energy Transformation Act

DER – Distributed energy resource

DR – Demand response

DSM – Demand side management (sometimes used to refer to all conservation or energy efficiency measures, and load management)

DSP – Distribution system planning

EE – Energy efficiency

EO-20-04 - Oregon Governor Brown's Executive Order on Climate

IOU – Investor-owned utility

IRP – Integrated resource plan

NWPCC – Northwest Power and Conservation Council

RA – Resource adequacy

RFP – Request for proposals

RPP – Resource procurement plan



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Thank you for joining our 2021 Fall Lunch & Learn Session.

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