

ENSURING REGIONAL RELIABILITY AND RESOURCE ADEQUACY IN ACHIEVING CLIMATE GOALS IN THE PACIFIC NORTHWEST

Wednesday, March 24, 2021



AGENDA

More info at www.pnwer.org/webinars

9:00-9:15AM

WELCOME

- Matt Morrison, CEO, Pacific Northwest Economic Region (PNWER)

OPENING REMARKS

- Dr. Steven Ashby, Director, Pacific Northwest National Laboratory (PNNL)

9:15-9:45AM

OPPORTUNITIES AND CHALLENGES

Presentation: Setting the Stage

What are the challenges to achieving our energy targets, while ensuring reliability and resource adequacy for the grid system?

- Arne Olson, Senior Partner, Energy and Environmental Economics, Inc.
- Frank Afranji, President, Northwest Power Pool

9:45-10:35AM

PANEL #1: ENSURING REGIONAL RELIABILITY WITH A CHANGING RESOURCE

Panel Discussion:

How are you working collaboratively beyond your own service territory as you address the long-term challenges that we heard from E3? Looking at the integration and balancing of renewable energy, how do you see the best utilization of your energy infrastructure to achieve regional and customer goals? Where are providers and customers aligned, and where do the gaps exist in terms of planning and expectations? How can the region collaborate more closely to achieve a shared vision for the future? How are you looking at energy transmission? Are the mechanisms and infrastructure in place to achieve this?

- Moderator: Bob Rowe, President & CEO, Northwestern Energy
- David Anderson, President & CEO, NW Natural
- David Bennett, Director of Renewable Gas & Low Carbon Fuels, FortisBC
- Mary Kipp, President & CEO, Puget Sound Energy
- Maria Pope, President & CEO, Portland General Electric

10:35-11:15AM

PANEL #2: WHERE IS THE MARKET HEADED: MARKET FORCES & EXPECTATIONS ON DECARBONIZATION OF BOTH TRANSPORTATION & POWER

Panel Discussion:

Customer perspective around solutions to achieving long-term energy goals. Where are you putting your investments? How are you planning on achieving your climate goals as a company? What do you see as the role of hydrogen in your future?

- Moderator: Ken Dragoon, Director of Hydrogen Development, Obsidian Renewables
- Michel Archambault, Director, Business Development, Cummins Inc.
- Mark Monroe, Principal Infrastructure Engineer, Microsoft
- Jason Sekhon, Advanced Technology Research Sr. Consultant, Toyota

11:15AM-12:05PM

PANEL #3: CURRENT PROJECTS IN THE PACIFIC NORTHWEST, THE ROLE OF NEW AND EXISTING TECHNOLOGIES, AND A POSSIBLE VISION FOR THE FUTURE

Panel Discussion:

What is the Role of New and Existing Technologies in meeting customer objectives, such as carbon and sustainability? The first green hydrogen projects in the region are materializing today. Which organizations are pursuing hydrogen projects, and why have they chosen to take action now? What does a 20-year vision of utilizing hydrogen look like? What roles can utilities play in advancing hydrogen production and utilization? Which policies are needed from the regional and Federal governments to grow the opportunity for hydrogen? How does green hydrogen compare to other forms of storage for renewable energy?

- Moderator: Evan Ramsey, Sr. Director, Renewables Program, Bonneville Environmental Foundation
- Michael Ducker, VP of Renewable Fuels and Western Region, Mitsubishi Power
- Gary Ivory, General Manager, Douglas County PUD
- Frank Lawson, General Manager, Eugene Water and Electric Board
- Clay Norris, Power Section Manager, Power Management, Tacoma Power

12:05PM-12:30PM

CLOSING STATEMENT/CALL TO ACTION

12:30PM

ADJOURN