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Join us at Bell Harbor Center  
on the Seattle Waterfront

April 19-20  
Seattle, WA

# Grid *FWD* SEATTLE

Keeping Pace with the  
Energy Transition

Presented by:



## AGENDA

#GridFWD [bit.ly/GridFWD-Seattle](http://bit.ly/GridFWD-Seattle)

[Register today](#)

# Together, Keeping Pace with the Energy Transition

The past two years have been unprecedented for our region: the pandemic with its brutal human and economic repercussions; a historic and devastating wildfire season; a nationwide movement for racial and energy justice; ice storms and more. Federal energy policy is rapidly evolving and lining up with major regional legislation and policy shifts to pursue resiliency, clean energy and decarbonization. Through it all, our industry has done a remarkable job in maintaining the grid to meet our region's needs while continuing to push forward on grid modernization and decarbonization.



**At GridFWD Seattle, we come together once again to renew our connections and rededicate to the modernization of our regional grid.**

**Join Discussions With Some of our Industry's Top Innovators**

## Grid Modernization Topics for Today

We're planning an array of timely grid modernization topics for this year's gathering. Our theme categories include:

- Vehicle to Grid & Customer
- Regional Market Developments
- Investments in Resiliency
- Grid Requirements for Deep Decarbonization
- Progressed Policy
- AI Analytics & DERs

## Watch the Grid Innovation Pitch Competition

Come root for your favorite earlier stage companies as they pitch innovative technologies and services for advancing grid modernization. **What's at stake?** Amazon Web Services will provide selected start ups with AWS credits and support up to **\$100,000** (subject to AWS Activate terms and conditions).



The competition is being judged by:

- Vida Asiegbi**, Principal, Energy Impact Partners
- Ralph Kappelhoff**, Executive Power & Utilities, Amazon Web Services
- Elta Kolo**, VP, Huck Capital
- Craig Lawrence**, Partner, Energy Transition Ventures
- Erik Steeb**, Sr Technology Leader IncubatEnergy, EPRI

# Two Brisk Days Full of Insights, Sharing and Reconnecting

Time	Event
7:30am	Registration
8:00am	Light Breakfast & Networking
8:30am	Plenary Sessions
9:30am	Networking and Sponsor <span style="float: right;">Pitch Competition A</span>
10:00am	Main Conference Session 1 <span style="float: right;">Main Conference Session 2</span>
11:00am	Huddle Session 1
11:45am	Networking Lunch
12:30pm	Featured Discussion with FERC Commissioner Clements
1:00pm	Main Conference Session 3 <span style="float: right;">Main Conference Session 4</span>
2:00pm	Huddle Session 2
2:30pm	Networking and Sponsor <span style="float: right;">Pitch Competition B</span>
3:00pm	Main Conference Session 5 <span style="float: right;">Main Conference Session 6</span>
4:00pm	Networking Reception <span style="float: right;">White Board 1</span>

For full agenda + info visit: [bit.ly/GridFWD-Seattle](http://bit.ly/GridFWD-Seattle)

Time	Event
7:30am	Registration
8:00am	Light Breakfast & Networking
8:30am	Plenary Sessions
10:00am	Networking and Sponsor <span style="float: right;">Pitch Competition Finals</span>
10:30am	Main Conference Session 7 <span style="float: right;">Main Conference Session 8</span>
11:30am	Huddle Session 3
12:00pm	Networking Lunch <span style="float: right;">Pitch Competition Awards</span>
1:00pm	Main Conference Session 9 <span style="float: right;">Main Conference Session 10</span>
2:00pm	Main Conference Session 11 <span style="float: right;">Main Conference Session 12</span>
3:00pm	Networking and Sponsor Closing Remarks

For full agenda + info visit: [bit.ly/GridFWD-Seattle](http://bit.ly/GridFWD-Seattle)

- ▶ **Plenary Sessions:** with leaders from industry, technology, and government
- ▶ **Main Conference Sessions:** interactive deep-dives led by today's practitioners
- ▶ **Huddles:** informal group discussions led by content experts, defined by participants
- ▶ **White Boards:** what topics do you want to learn about or share? Talk with peers and experts on the latest here
- ▶ **Networking:** catch up with long time contacts and make new ones multiple times each day

## Getting Ready for Federal Infrastructure Resources

We have been closely tracking and involved with the work of the U.S. Department of Energy to get resources in motion for the infrastructure package. Our working groups on smart grid, grid resiliency, cyber security, and other grid enhancing deployments will be meeting at the event to prepare for these opportunities. Experts from DOE will also be here with us to discuss these opportunities.



“Seattle is pleased to host the GridFWD conference. We look forward to the diverse audience coming together who are all working on opportunities for smarter management of regional energy systems. And we will be happy to share many of the lessons we are learning on our pathway to modernization.”  
– DEBRA SMITH, GENERAL MANAGER & CEO,  
SEATTLE CITY LIGHT

# Conference Sessions for April 19

## 8:30am Plenary Sessions, Topics to be Announced

- Debra Smith, CEO, Seattle City Light and guests
- Michelle Manary, Acting Deputy Assistant Secretary, U.S. Department of Energy

## 10:00am Balancing the Grid with EV Charging

- Maria Steele, VP Electrification & Energy Services, NV Energy
- Larry Bekkedahl, SVP Advanced Energy Delivery, Portland General Electric
- Adam Morey, Charging Infrastructure Engineer, Daimler
- Phil Jones, Executive Director, Alliance for Transportation Electrification

## 10:00am Leveraging Analytics for Grid Optimization to Reduce Carbon

- John Lemmon, Engineering Leader Global Power & Utilities, Microsoft
- Mark Horrmann, VP US Sales, Opus One
- Luke Penne, Sr. BDM Renewables, Constellation Energy
- Patrick Lee, CEO & President, PXISE

## 11:00 Huddle Discussion Topics:

- Where FERC 2222 is Taking Us (lead by Cadeo and GridLab)
- Digital Technologies to Drive Distributed Markets (lead by Microsoft)
- The Role of EV Fleets on the Grid (lead by Amazon and West Monroe Partners)
- Getting More out of our Existing Transmission Corridors (lead by Grid Strategies and CTC)
- Making the Next Phase of Grid Mod a Reality (lead by SMUD and PNNL)

## 12:30pm virtual session with FERC Commissioner Allison Clements on Equity with Grid Modernization:

- How to Ensure Benefits Flow to the Communities that Need them Most
- Steering by Paul Lau, CEO, SMUD

## 1:00pm Applying Advanced Tech Solutions for Wildfire Mitigation

- Arvind Satyam, Chief Commercial Officers, Pano.AI
- Darin Johnson, Lead Convener, Wildfire Mitigation Consortium (IWRMC)
- Chris Beaufait, CEO, Sharper Shape

## 1:00pm DSP Reverse Q&A: Challenges to Modern Distribution System Planning

- Fred Schaefer, Principal, Cadeo
- Cynthia Hall, Vice Chair, New Mexico Public Regulation Commission
- Shaun Moran, Director Electric Consulting, EN Engineering
- Marguerite Behringer, Director of Research, E9 Energy Insight

## 2:00 Huddle Discussion Topics:

- Data Models to Prepare for Significant DERs and a Digitized Grid (lead by Awesense and Guidehouse)
- EV Communication Protocols (lead by Quality Logic)
- Solving Complex Problems by Unlocking Data (lead by PSC Consulting)
- Intelligent Rate Design for DER Integration and Aggregation (lead by TRC and Puget Sound Energy)
- Non-technical Barriers to Accelerating Grid Modernization (lead by Seattle City Light and 1898)

## 3:00pm Cities Paving the Way Toward 100% Decarbonization

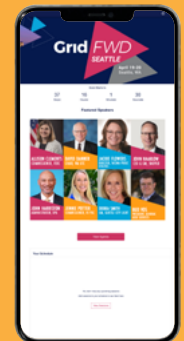
- Jaquelin Cochran, Director Grid Planning, NREL
- Louis Ting, Director of Power Engineering and Technical Services, LADWP
- David Logsdon, Director of Electrification, Seattle City Light

## 3:00pm Advanced Rate Designs for Integrated Demand Side

- Jennie Potter, Commissioner HI PUC
- Scott Enstrom, VP Strategy, GridX
- Peter Dauenhauer, Principal Economist, SnoPUD
- Ron Nelson, Senior Director, Strategen



**Registration  
is open**



**Get all the Details  
and Make Connections  
with our Event App**

Use the event app to get the latest details on the agenda from sessions and featured speakers to the latest conversation topics. Also use it to connect with people joining the gathering, see details about supporters and more. Login instructions will be sent to confirmed attendees.

# Conference Sessions for April 20



## 8:30am Plenary Sessions, Topics to be Announced

- Jackie Flowers, CEO, Tacoma Public Utilities
- US Rep. Adam Smith, Chair of Armed Services Committee
- John Hairston, Administrator, BPA
- Bud Vos, President, Generac Grid Services

## 10:30am Demystifying Equity: Grassroots Experience and Tracking Progress

- Emeka Anyanwu, Chief Resources Officer, Seattle City Light
- Angela Becker Dippman, Director Program Development Office, PNNL
- Alberto Rodriguez, Seattle Office of Sustainability & Environment
- Matt Piper, Global Director Utility & Infrastructure, ESRI

## 10:30am An Evolutionary Path to a Regional Transmission Organization

- Jeff Ackerman, Sr Policy Advisor, CNEE
- Josh Walter, Strategic Advisor, Seattle City Light
- Emily Watt, Director of Energy Markets, Microsoft
- Spencer Gray, Executive Director, NIPPC

## 11:30 Huddle Discussion Topics

- Process and Next Steps with FERC 2222 (lead by FERC and Black & Veatch)
- Share Your EV Experience and Expectations (lead by Opinion Dynamics)
- Connecting Rate Design and DERs (lead by Virtual Peaker & Portland General Electric)
- Advanced Techniques for Optimal Energy Storage Dispatch (lead by Fluence)
- Break throughs in Transmission Innovation (lead by BPA and NV Energy)

## 1:00pm Utilizing Advanced Research Techniques to Solve Hard Integration Challenges

- Marissa Hummon, CTO, Utilidata
- Matt Thornton, Principal Engineer, NREL
- Kevin Schneider, Lab Fellow and Manager Dist Energy Systems, PNNL
- Uzma Siddiqi, Sr Manager Grid Modernization, Seattle City Light

## 1:00pm How Active-Grid Participants Foster Flexible Grid Solutions

- Casey Donahue, Founder, Optiwatt
- McCrea Dunton, Director of Energy Services, Sunnova
- Ryan Fedie, VP, MN Valley Electric Coop
- Nicollette Sowa, VP Energy Markets, Enersponse
- Doug Middleton, Director of Business Development, LEAP

## 2:00pm Grid Resiliency Toolkit: Lessons from the Field

- Stephan Williams, Sr Director Engineering, Powin
- Garrett Lehman, VP of Development, Stratera
- Martin Miller, Sr Project Manager, Coffman
- Stacey Botimer, Sr Project Engineer, POWER Engineers
- Kristina Kelly, Director Grid Modernization, DNV

## 2:00pm State Regulatory Perspectives:

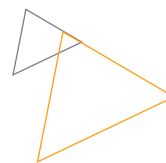
### What's Driving The Grid and How to Keep Pace

- David Danner, Chair WA Utilities & Transportation Commission
- David Morton, Chair BC Utilities Commission
- Jennie Potter, Commissioner HI PUC

**Registration  
is open**



**Submit your own whiteboard topic discussion.** Have an idea for a topic you'd like to catch up with peers and experts on? The GridFWD event is the perfect place to have that conversation. Confirmed attendees will get access to an event app and our activity coordinators so you can submit a conversation topic you would like to have at the gathering.



"GridFWD brings together an important and diverse audience that is working to figure out what roles advanced technologies and solutions will play as they come on the energy system. Even though we are on the front lines working on these topics in Hawaii, we learned a lot by participating in the event and look forward to contributing to the discussion in years ahead."

– JENNIFER M. POTTER, COMMISSIONER, HAWAII PUC

# Join Us Face-to-Face at the Bell Harbor Convention Center

Located on the waterfront in Seattle, Washington, Bell Harbor International Conference Center features 180-degree panoramic views of the Olympic Mountains, Mt. Rainier, Puget Sound's Elliott Bay and the Seattle skyline. You'll find us on the third floor of the venue. [Find more information here >](#)



## Get a Special Rate at Nearby Hotels

**EdgeWater:** 2411 Alaskan Way, use code: **EVENT** to save 15% off your stay

**Four Seasons:** 99 Union St, rooms are at a discount rate of \$359/night on April 18th and 19th. Use code: **220418GRI**

**Hotel Five:** 2200 5th Ave, Special rates, and benefits for your stay as a **VIP** (no code needed with this link).

## Broadcasting Main Sessions for Virtual Attendees

We plan to stream our main sessions to virtual attendees to allow them to watch and submit questions of our key speakers and presenters. [Register for a virtual ticket here >](#)

## Following COVID Guidelines For Your Safety

The GridFWD event will follow any remaining COVID requirements from King County and the State of Washington to have a safe gathering. Our health and safety protocols for the event (which will be updated online) include:



- Vaccination required (confirmed with initial registration)
- Name badge notation of comfort level with contact (selected at on-site registration)
- Mask recommended (indoors especially)
- Testing available to anyone interested
- Extra sanitation throughout venue
- Safety point-of-contact in place for monitoring and support
- Physical distancing when possible
- Training and preparation with team
- Cleaning of spaces
- Everyone pitching in to support a safe gathering
- Ample event space for comfortable gathering

# Our Thanks to the Sponsors for GridFWD Seattle

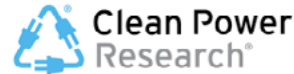
Would you like to support GridFWD Seattle?

Contact Bryce Yonker at [bryce@gridforward.org](mailto:bryce@gridforward.org)

## Lead



## Premier



## Supporting



Look for leaders and experts from all of these organizations at the event. Many will have a table space at the event venue, so drop by and catch up with them there. Find out more about each organization in the app.



#GridFWD