



Skamania Lodge,
Columbia River Gorge
October 16-18



Grid *FWD* 2023

Join us in a special gathering
focused on advancing the electric
grid by **Embracing Disruption**

Event Agenda

#GridFWD

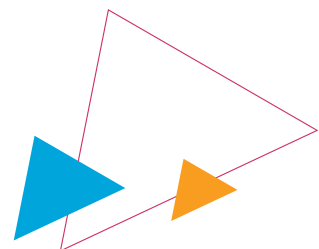
Presented by:  **Grid**Forward

TUESDAY OCT. 17 CONFERENCE SESSIONS

Start	Main Event	Disruptor Event
7:30 AM	Registration	
8:00 AM	Breakfast & Networking	
8:30 AM	Opening Plenary Session – <i>Siva Gunda, Vice Chair, CA Energy Commission</i>	
9:00 AM	Conference Sessions: From planning to Action: Applying Resilient Solutions to the Grid Meeting Workforce Demand on a Modern Grid: Education, Skillsets, and Training	Disruptive Tech Jam
10:00 AM	Morning Break	Grid Innovation Pitch Contest
10:30 AM	Conference Sessions: Virtual Power Plants: Optimizing Customer Experience, Leveraging Data and More Evolving Architectures for Control Coordination and the Steps to a DSO	Disruptive Tech Jam
11:30 AM	4 Huddle Sessions	
12:15 PM	Networking Lunch	Working Lunch with US DOE Grid Deployment Office and Loan Program Office
1:00 PM	4 Sponsored Networking Events	
2:30 PM	Conference Sessions: Case Studies in Grid-Edge Disruption and the Electrification of Everything Disruptive Retail Innovation: Redefining the Relationship Among Customers, Utilities and Solution Providers	Disruptive Tech Jam
3:30 PM	Afternoon Break	Grid Innovation Pitch Contest
4:00 PM	4 Huddle Sessions	
4:45 PM	Networking Reception	

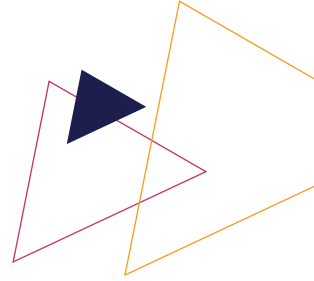
Full agenda and details will be available in the event app.

- **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
- **Networking:** catch up with long time contacts and make new ones multiple times each day
- **Pitch Competition:** Listen to the rapid fire overviews of grid innovation solutions
- **Tech Jam:** Case study presentations of promising advanced tech and programs



Conference Sessions and Participants

Tuesday, October 17



9:00 AM

From Planning to Action: Applying Resilient Solutions to the Grid

- **Dennis Garrett, Blue Lake (moderator)**
- **Jennie Potter**, Strategen
- **Mishal Thadani**, Rhizome
- **Cathy Ehli**, Warms Springs Power
- **Broderick Bagert**, Together Louisiana

Meeting Workforce Demand on a Modern Grid: Education, Skillsets, and Training

- **Michael Jung, ICF (moderator)**
- **Allegra Hodges**, Portland General
- **Sika Gadzanku**, NREL
- **YC Zhang**, Utilidata

10:30 AM

Virtual Power Plants: Optimizing Customer Experience, Leveraging Data and More

- **Kevin Brehm, RMI (moderator)**
- **Hilary Polis**, Opinion Dynamics
- **Sophie Janeway**, Utilidata
- **Franco Albi**, Portland General Electric
- **Meghan Nutting**, Sunnova

Evolving Architectures for Control Coordination and the Steps to a DSO

- **Jim Ogle, PNNL (moderator)**
- **Young Ngo**, Servalent

2:30 PM

Case Studies in Grid-Edge Disruption and the Electrification of Everything

- **Nathan Bingham, POWER Engineers (moderator)**
- **Tim Allen**, PXiSE
- **Gideon Katsh**, National Grid
- **Marguerite Behringer**, Landis Gyr
- **John Gibson**, Avista

Disruptive Retail Innovation: Redefining the Relationship Among Customers, Utilities and Solution Providers

- **Josh Keeling, Generac (moderator)**
- **Nick Chaset**, East Bay
- **Jason Michaels**, Leap
- **Clare Doyle Dowd**, Bloc Power

**Tuesday Evening
Social & Networking**
4:45PM outdoors
(weather permitting)



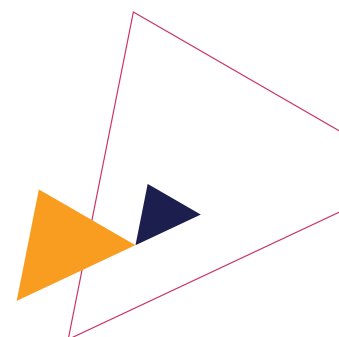


WEDNESDAY OCT. 18 CONFERENCE SESSIONS

Start	Main Event	Disruptor Event
7:30 AM	Registration	
8:00 AM	Breakfast & Networking	
8:30 AM	Opening Plenary Session <i>Jud Virden, Associate Lab Director, PNNL</i> <i>Nick Brady, AI Product Leader, Microsoft</i>	
9:00 AM	Conference Sessions: Real-World Implications for AI and Grid Operations Blindspotting - Successes and Limitations of Predictive Technologies	Disruptive Tech Jam
10:00 AM	4 Huddle Sessions	
10:45 AM	4 Sponsored Networking Events	
12:15 PM	Networking Lunch	Grid Innovation Finals
		Working Lunch Invite Only
1:00 PM	Conference Sessions: Expanding Critical Transmission Capacity in the Region Avoiding Disruptions: Securing the Grid from Increasing Cyberthreats	Disruptive Tech Jam
2:00 PM	Afternoon Break	
2:15 PM	Conference Sessions: Scaling Non-Wires Alternatives: Three Key Approaches Pricing! Pricing! Pricing! in a Changing Energy Landscape	
3:00 PM	Closing Plenary Session	
3:30 PM	End Conference	

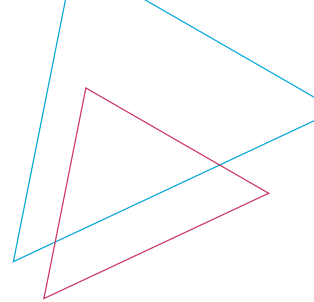
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Conference Sessions and Participants

Wednesday, October 18



9:00 AM

Real-World Implications for AI and Grid Operations

- **Christina Park, Skydio (moderator)**
- **Kaitlyn Albertoli**, Buzz Solutions
- **Dave Boundy**, Innowatts

Blindspotting - Successes and Limitations of Predictive Technologies

- **Martha Symko Davies, NREL (moderator)**
- **Ronda Strauch**, Seattle City Light
- **Matt Piper**, Esri

1:00 PM

Expanding Critical Transmission Capacity in the Region

- **Robert Cromwell, Umatilla (moderator)**
- **Jeff Cook**, BPA
- **David Palchak**, NREL
- **Kwatuuma Cole Sayers**, Clean Energy BC

Cybersecurity in a Shifting Grid

- **Hanna Grene, Microsoft (moderator)**
- **Paul Forney**, Schneider Electric
- **BJ Hattel**, Flathead Electric

2:15 PM

Scaling Non-Wires Alternatives: Three Key Approaches

- **Amanda Welch, BNEF (moderator)**
- **David Landers**, Puget Sound Energy
- **Kari Simpson**, GE Digital

Pricing! Pricing! Pricing! in a Changing Energy Landscape

- **Ron Nelson, Stratgen (moderator)**
- **Mark Kolesar**, Former AUC
- **Sanem Sergici**, Brattle



More speakers will be announced soon.
Register soon to reserve your space!

Introducing Disruptive Tech Jams

Fast-paced case studies of new solutions for grid modernization in an age of energy disruptions

Grid Forward members and event attendees are always looking for new techniques, technologies and results for dealing with the fast-changing energy landscape.

To make more of these case studies readily available, Grid Forward is introducing Disruptive Tech Jams at GridFWD 2023. These 30-minute sessions provide an in-depth look at recent projects across the grid, jointly presented by a utility or energy company and a technology solution provider. Attendees will get “just the facts” and have an opportunity to ask questions at the end of each session—or at the networking events during the event.

Synthetic Inertia and Grid Forming Inverters



Breaking Down the Silos with a Digital Twin



Initial Findings: SRP's EV Smart Charge Pilot Program



Accelerated Power Delivery Through Innovative Solutions and Partnerships



Fiber to the Device, Alabama Power's Communication Program for Grid Modernization



Advanced Monitoring of Transmission Assets



High Frequency Grid Edge Measurement



Accelerating and Optimizing DER Interconnections



*Final presentation line up and
times will be shared soon*

Dig into urgent topics in the huddle discussions

Led by industry experts, yet informed by all participants

Grid Forward members and event attendees are always looking for new techniques, technologies and results for dealing with the fast-changing energy landscape.

At GridFWD 2023 we continue one of our most popular event experiences: interactive huddle discussions across a range of timely and important topics. Multiple times on both days of the event attendees will have the opportunity join in group conversations on the topics they care about. Each one is led by one or more industry experts, but the ultimate value is the give and take among the members of the huddle. Find your topic, roll up your sleeves and get ready to share and to learn.

Scaling a Marketplace for Demand Flexibility



Curing Pilotitis - Getting beyond death by pilot



The Future of Distribution Grid is Here Now



Year-Round Demand Flexibility



Social Vulnerability and Resilience



How to Fulfill Justice 40 Requirements in GETs



Community Involvement for Regional Market Development



Rate Riot: Mandatory TOU, Income-Graduated Fixed Charges and Other Solutions



Managing Risk with AI



Short-Term Steps to Accelerate Transmission Capacity



Culture of Innovation and Dealing with Change



DERs for Rapid Restoration



Final presentation line up and times will be shared soon

Build Relationships with Unique Socials at Skamania Lodge

GridFWD 2023 will offer unique opportunities to make new connections and see old industry friends. Space will be limited for the activities during the October 17th and 18th event so confirm your registration and grab your place for these options:



Mini-Golf hosted by POWER Engineers - A beautiful outdoor 18 hole course is fun for beginners and experts alike.



Par 3 Golf hosted by Copper Labs and Esri - A newly designed par 3 golf course in the gorge evergreen forest will be a memorable round.



E-Bike Tour with Utilidata - Ride down the Columbia River Gorge on assisted electric bikes.



Wilderness Hikes hosted by PXiSE and PNNL - Enjoy a walk through the lush forested area surrounding the lodge.



Aerial Adventure Course with Generac and UtilityAPI - Strap in for a serious adventure as you guide yourself through the tree canopy on a variety of obstacles.

The faster you register, the more likely you can select your favorite social activity. Space is limited so don't wait too long.

**Registration is Now Open
Get Your Tickets**



Enter the 2023 Grid Innovation Pitch Competition



YOU COULD WIN \$50,000 of Business Advisory Services and \$250,000 equity investment from Accurant International!

What You Need to Know to Compete:

- **Enter the Competition** by completing [this form](#)
- **Deadline** to enter is August 31, 2023.
- **Selected companies** would need to have an executive in person at GridFWD 2023, October 17 and 18, 2023 at Skamania Lodge in the Columbia Gorge.

These experts will be judges for the competition:

- Ankush Agarwal, *Director Innovation R&D, Exelon*
- Mark Hormann, *Managing Partner Accurant International*
- Bobby Kandaswamy, *Sr Investment Director, National Grid Partners*
- Mira Inbar, *Partner, ArcTern Ventures*

GridFWD 2023 will host our next annual Grid Innovation Pitch Competition on October 17-18. Do you have innovative technology or service for advancing grid modernization in this **age of disruptions?** Then enter the competition by [completing the form](#) before **August 31, 2023**.

We are looking for early-stage companies who are working on grid modernization to come share their innovation with our judges and the GridFWD 2023 attendees. Pitches are quick, five-minute highlights of your innovation, and pitch coaches are available to help you put your best foot forward.

Selected companies will be competing for these prizes:

- **\$50,000 of Business Advisory Services** from utility solution commercialization experts with Accurant International
- **\$250,000 equity investment** from Accurant International after confirmatory diligence. *Conditions apply. Accurant International can provide additional information.*
- **Project and partnership consideration** from additional Grid Innovation Pitch Competition supporters



Lead Pitch Competition Supporter



Exodigo was our Grid Innovation Pitch winner at GridFWD 2022 in Denver.



Power Engineers has helped with registration fees for all the contestants in the Grid Innovation Pitch Competition.

www.GridForward.org



Tour Nearby BPA Grid and Energy Assets on October 16

On October 16, GridFWD 2023 attendees will have the chance to join unique tours at BPA grid facilities near Skamania Lodge.

BPA Celilo Converter Station - Get an intimate and behind the scenes look at the modernization efforts and operations of the northern terminal of the Pacific DC Intertie to Southern California.



BPA Corps of Engineers Bonneville Dam - The lowest of the main stream Columbia River dams tour various aspects, including the powerhouse and hear from the agency about efforts to modernize and maintain these grid resources.

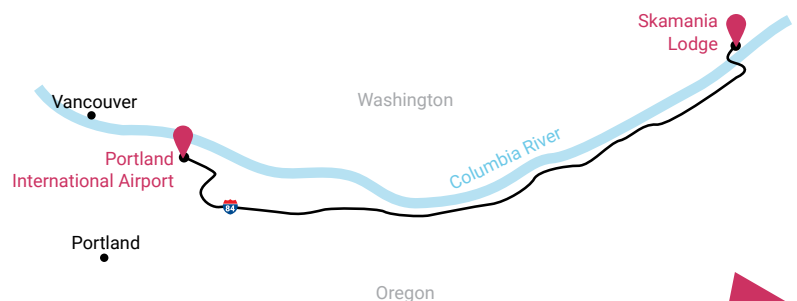


GridFWD 2023 registrants will have the opportunity to sign up for these tours.



Enjoy Shuttle Bus Service from PDX and Skamania Lodge

Skamania Lodge is about 45 minutes from Portland International Airport, and within 30 minutes of both of our tours. Grid Forward will be running shuttle buses during GridFWD 2023, so you won't need a car to take advantage of all the event has to offer.



Get Your Hotel Reservations Today

Act today to stay in the GridFWD 2023 venue, Skamania Lodge

What's so special about this year's GridFWD? Our venue - in a forested area so familiar across the U.S. West - will provide us with unique ways to explore new ideas, forge new connections, and become invigorated to tackle the challenges and opportunities of this unusual time in our industry.

Skamania Lodge is positioned in the heart of the Columbia Gorge, nestled amongst lush towering timbers. It combines a traditional relaxing mountain environment with modern services and amenities.

Grid Forward has reserved a large bank of rooms, but with an event this popular, they will be reserved quickly. Act today to get your reservation.



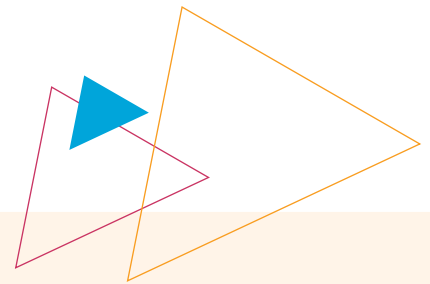
**Contact Skamania Lodge
Reservations**

Enjoy the Best Western across the Columbia River

Our other recommended hotel, Best Western Plus Columbia River Inn, is just 3 miles from Skamania Lodge in the town of Cascade Locks, located off Interstate-84 by the Bridge of the Gods. This hotel is very close to nearby waterfalls, trails and scenic routes, as well as BPA's Bonneville Dam. Many of the rooms have great views of the Columbia River.



**Contact Best Western
reservations**



Contacts for taking part in GridFWD 2023

We're glad you are interested in participating in GridFWD 2023. If you have questions, please contact one of our staff:

Sponsors: MaryJo@gridforward.org

Registration: Maryann@westsidesecc.com

Media: David@gridforward.org

Operations & volunteers: Kelly@gridforward.org

Transportation: Lisa@gregoryevents.com

General: Bryce@gridforward.org

Our Thanks to the Sponsors of GridFWD 2023

Lead



GridFWD Sponsor details will be provided by Mary Jo Nye. Contact her at maryjo@gridforward.org

Presenting



Premier



Supporting



We look forward to seeing many of you and others in the industry at GridFWD 2023

#GridFWD

Grid FWD

Embracing
Disruption

2023

Presented by:



Grid Forward is a 501(c)(6) non-profit, member-driven trade association dedicated to promoting and accelerating innovation on the regional electric system. We deliver community, expertise and resources for leaders who are working to modernize the grid. Learn more and become a member at GridForward.org.

Why take part in GridFWD 2023?

- Connecting and reconnecting with industry leaders face-to-face
- Expert perspectives from across the U.S West and beyond
- Updates and discussion on federal policy opportunities for the regional grid
- New case studies in our Disruptive Tech Jams
- Deep-dive small-group huddle discussions
- Unique sponsored networking opportunities

Contact:

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CEO, Grid Forward
Producer of GridFWD
bryce@gridforward.org

www.GridForward.org

#GridFWD

Register Here

Register by August 31,
we expect this event to sell out early.

