

# gridCONNECT<sup>®</sup> 2022

**December 5-6, Washington DC**

**Theme: An Integrated Grid for Decarbonization and Resilience**

gridCONNECT 2022, GridWise Alliance's signature event bringing together GridWise members and a cross-section of experts from business, utility, and government to explore the most pressing policy and technology issues and spotlight the grid innovations enabling the transition to a low-carbon economy.

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## **Daily Programming**

### **Monday, December 5**

#### **Morning Schedule**

9:00 AM – 12:00 PM

#### **9:00 AM: Introductions and Welcomes**

- **Karen Wayland**, CEO GridWise Alliance

#### **9:30 AM: Infrastructure Investments for the Climate and Economy**

- U.S. Department of Energy

## **10:00 AM: Electricity and Telecom Convergence to Deliver Energy and Information**

The electric and telecom sectors are each facing unprecedented change due to the drive for both climate solutions and information equity. For electric companies, resilience in the face of severe weather and ever-growing DER optimization and electrification demand will require data flows at speeds and volumes beyond those supported by their current communications systems. Similarly, the pandemic has shown that access to fast, affordable internet is not a privilege but a necessity compelling the telecom sector to bridge gaps in rural and urban communities. These industry leaders will speak to opportunities for the two sectors to work together to address the challenges and opportunities in energy and telecom infrastructure modernization to achieve societal goals in a cost-effective and equitable manner.

- **Gil Quiniones**, CEO, ComEd & Chair, GridWise Alliance
- **Rob Schwartz**, CEO, Anterix
- **Karen Wayland**, CEO GridWise Alliance

## **10:45 AM: Morning Break**

## **11:00 AM: Architecture for a Carbon-Free Grid**

Spotlighting diverse stakeholders guiding grid transformation, each bringing unique perspective shaping their visions for how the distribution system can continue to be the backbone in supporting a carbon-free transition.

- **Rick Maldonado**, Vice President, T&D Engineering & Grid Transformation, CPS Energy
- **David Bobzien**, Director, Nevada Governor's Office of Energy
- **John Haysbert**, VP and Head of Government Relations / External Affairs, Hitachi Energy
- **Deepa Poduval**, Senior Vice President, Global Advisory Practice, Black & Veatch

## **12:00 PM: Lunch**

## **Afternoon Schedule**

1:00 PM – 7:00 PM

## **1:00 PM: Digital Transformation – What's Next in IT/OT Convergence**

Explore the critical role of operational technology in accelerating the energy transition and explore the opportunities and challenges in going fast with IT/OT convergence and digitalization of the grid.

- **Justin Driscoll**, Interim CEO, NYPA - a digitalization keynote presentation
- Followed by a moderated panel led by Justin Driscoll with:

- **Adrienne Lotto**, Senior Vice President of Grid Security, Technical and Operations Services, American Public Power Association
- **Mahesh Sudhakaran**, General Manager of Grid Software, GE Digital
- **David Holmes**, GM Energy, Dell Technologies

## **2:00PM: Foundational Investments to Maximize EV Fleet Benefits**

This session will take an in-depth look at the [near-term grid investments for integrating EVs](#) and how EV fleet manufacturers and operators, utilities, and their public partners are prioritizing solutions together.

- **Marie Steele**, Vice President, Electrification & Energy Services, NV Energy
- **Karen Glitman**, Senior Director, Center for Sustainable Energy
- **Matt Stanberry**, Managing Director, Highland Electric
- **David Strickland**, VP Global Regulatory Affairs, GM
- **Sue Gander**, Director of the Electric School Bus Initiative, World Resources Institute (moderator)

## **2:45 PM: Afternoon Break**

## **3:15PM: Integrated Planning for Infrastructure Projects**

As states look at what kinds of grid modernization projects will provide the greatest benefit to their local communities, let's explore what it takes to make the electric grid truly climate ready. Connect how municipalities, distribution grid operators and customers are developing projects to achieve shared goals.

- **Gary Brinkworth**, Director of Enterprise Research & Technology Innovation, Tennessee Valley Authority
- **Phil Dion**, Vice President, Federal Affairs, AEP
- **Michelle Fay**, Partner, Energy, Sustainability, and Utilities, Guidehouse

## **4:15PM: Grid Champion on the "Hot Seat"**

A discussion on climate, technology, innovation, with our host, Lee Krevat.

- **United States Congressman Paul Tonko (NY)**
- **Lee Krevat**, Founder, Krevat Energy Innovations

## **5:00 PM: Technology Portfolio Showcase and Reception**

# Tuesday, December 6

## Morning Schedule

9:15 AM – 12:30 PM

### **8:15 AM: GridWise Alliance Member's Breakfast Meeting (45min)**

### **9:15 AM: State of the Nation: Perspectives from Congressional leadership**

- House and Senate Majority Leaders Invite in Process

### **9:30 AM: Prosumers Driving Markets – BTM Integration**

From real time grid optimization to effective technology strategies to engage “prosumers”, a term used for a new energy customer that both produces and consumes energy (residential or commercial), what approaches are bringing the most value to these customers as grid management becomes more complex?

- Otter Tail Power
- Sense
- DOE Buildings Technology Office
- Landis+Gyr

### **10:30 AM: Morning Break**

### **10:45 AM: Opening Energy Markets – Utility Scale Grid Integration**

Utilizing the numerous and diverse DER opportunities available to grid operators while ensuring the reliability of their current systems remains a critical focus for the power industry. This session features system aggregators and grid operators discussing their visions on distributed resource planning, wholesale market participation and other factors leading utilities to embrace new approaches to their clean energy transitions.

- **Hani Alarian**, Executive Director of Power Systems Technology Operations, California ISO
- **Quinn Nakayama**, Director of Integrated Grid Planning and Innovation, Pacific Gas & Electric
- **Ann Moore**, Industry Principal, AVEVA

## **11:45 AM: The Anatomy of a Utility Pole**

Over 150 million utility poles form the backbone of the grid, holding the wires and other equipment that convey electricity to, and increasingly from, consumers. Pole integrity is essential to grid reliability, and new federal grant programs for resilience can be used for hardening poles and undergrounding lines. This session takes a unique look from the perspective of the people who work on utility poles every day at how utilities maintain poles to extend their service life, what it takes to replace a utility pole, who does the work, and how that work is changing as new technologies are installed on poles.

- **Andrew Phillips**, VP T&D Infrastructure, Electric Power Research Institute (EPRI)
- **Matt Fauver**, Journeyman Lineman and Engineering and Operations Data Analyst, Rappahannock Electric Cooperative
- **Sharla Artz**, Security and Resilience Policy AVP, Xcel Energy (Moderator)
- **Yvonne McIntyre**, Vice President, Federal Affairs, Pacific Gas & Electric

## [Afternoon Schedule](#)

1:30 PM – 3:30 PM

## **1:30pm – 3:30pm:**

### **Industry Roundtable**

Supporting State and Local Implementation of Grid Infrastructure Investments

### **Expected Roundtable Participants:**

- Courtney Haynes, Office of Clean Energy Demonstrations, DOE
- Dan Lauf, Program Director, Energy, NGA
- Kirsten Verclas, Senior Managing Director, Electricity Program NASEO
- David Bobzien, Nevada Energy Office with others from Western Interstate Energy Board (WIEB)
- Carl Imhoff, Manager, Electricity Market Sector, Pacific Northwest National Laboratory (PNNL)
- DOE Grid Deployment Office contacts to be determined
- AASHTO
- NARUC
- NTIA
- From GridWise:
  - Mark Thompson, Director, Grid Modernization, National Grid

- Giri Iyer, VP Business Development, Sentient Energy
- Additional Perspectives being added
- IOU, Municipal, and Electric Cooperative utilities; large technology providers; and program consultants ([other GWA members to be present](#))