



Daily Programming

Tuesday, December 5

8:00 AM: Registration and Breakfast

8:10 AM: Coffee with Congressman Latta

8:45 AM: Welcome and Introduction

- **Karen Wayland**, CEO, GridWise Alliance
- **Mark Gabriel**, CEO, United Power and Chair, GridWise Alliance

9:00 AM: Congresswoman Kathy Castor

9:20 AM: Data, Standards, and Applications: Scaling the Use Cases for Grid Data

MAINSTAGE Sponsored by Landis+Gyr

GRIP grants and modern distribution planning recognize that rapid communications are essential for a resilient, adaptive grid. Standards-based interoperable network design principles ensure that sensors and software can meet modern supply chain and cybersecurity challenges. This session will discuss the intersection of these issues, the evolution of data processing, and emerging use cases for granular grid data.

- **Marguerite Behringer**, Director of Regulatory Affairs and Industry Relations, Landis + Gyr
- **Phil Beecher**, President and CEO, Wi-SUN Alliance
- **Ron Holcomb**, President and CEO, Tipmont Wintek
- **Chris Irwin**, Program Manager for Transactive Energy, Communications and Interoperability in Smart Grid, U.S. Department of Energy (DOE)
- **Craig Rutfield**, Director AMI, National Grid



10:10 AM: Quantifying Resilience Benefits

BREAKOUT Sponsored by Guidehouse

Increasing occurrences of extreme weather events and anomalies in climate patterns already pose a significant challenge to energy systems and increase the likelihood of prolonged service disruption. It is imperative for energy system administrators, managers and operators to identify physical and transitional vulnerabilities, prioritize risks, and develop and implement actionable response strategies. In this panel, we will discuss the methods and practices on quantifying resilience benefits when implementing response strategies as part of capital investment portfolios.

- **Michelle Fay**, Partner, Energy, Sustainability, and Infrastructure, Guidehouse
- **Durgesh Manjure**, Senior Director- Resource Adequacy Planning, MISO
- **Russel Like**, Senior Technical Leader, DER Integration, EPRI
- **Michelle Fay**, Partner, Energy Sustainability and Infrastructure, GuideHouse

10:10 AM: The Fragmented Landscape of Grid Modernization

BREAKOUT Sponsored by Schneider Electric and Aveva

Panelists will discuss the landscape of different policies and regulatory structures that govern grid modernization, including a focus on how stakeholders can work together to address challenges, accelerate deployment, and create a grid that's capable of meeting the demands of the 21st century and beyond.

- **Jeannie Salo**, Vice President, Government Relations, Schneider Electric
- **Hunter Hydas**, Director, Portfolio Risk Management & Analytics, Tennessee Valley Authority
- **Susan Mora-Schrader**, Director, Federal Policy and Agency Relations, Exelon
- **Commissioner Bonnie Suchman**, Commissioner Maryland Public Service Commission

11:00 AM: Congresswoman Marilyn Strickland



11:30 AM: LUNCH

1:00 PM: Innovation, AI and Utilities

MAINSTAGE KEYNOTE

Sponsored by Microsoft

Stephen Lacey will inspire the audience with an outlook on the power of AI to transform operations. We will flip the table on Stephen, an expert interviewer and leader in energy media. In this session he will be interviewed by our host, Tim Newton, General Manager of the Modern Workplace at Microsoft.

- **Kevin Channell**, Power and Utilities Sales Director, Microsoft
- **Stephen Lacey**, Co-Founder and Executive Editor, Latitude Media

1:45 PM: The Future of AI in Utility Operations

MAINSTAGE

Sponsored by GE Vernova

During this session, panelists will explore a future in which grid operators are able to predict, manage, and respond to complex changes impacting the grid with insight into trends and conditions that can help us better plan, operate, and transact energy. We will discuss the importance of effective data integration and data quality to take advantage of innovations like AI and other automation that make grid management more efficient and effective.

- **Mahesh Sudhakaran**, General Manager of Grid Software GE Digital
- **Amanda Ahl**, Associate, Grids & Utilities BloombergNEF
- **Kim Getgen**, Chief Executive Officer Innovation Force
- **Pat Lo**, Americas Power and Utilities Lead, Microsoft

2:45 PM: BREAK

3:00 PM: Enabling Residential Customer Participation Under FERC Order 2222

BREAKOUT

Sponsored by Sense

This session will focus on the role that next-generation electric meters will have in evolving from a device control model toward a more integrated and



automated set of solutions. Panelists will discuss the unique needs of the residential market including simplification of the connection process and the tools needed to build ongoing trust and engagement. We will also feature an overview of a paper published by the GridWise Alliance on the technology investments needed to integrate DERs to the wholesale markets.

- **Mike Phillips**, CEO and Co-Founder, Sense
- **Curt Tongue**, Chief Strategy Officer, OhmConnect
- **Karen Wayland**, CEO, The GridWise Alliance
- **Hala Ballouz**, President & CEO, Electric Power Engineers (EPE), LLC

3:00 PM: Accelerating Deployment – View from the states

BREAKOUT

Sponsored by GridWise Alliance

Panelists will provide perspectives on states' progress in accelerating grid modernization, highlighting the strengths and noting the challenges. The panel includes perspectives from NASEO, NARUC and a summary of stakeholder input collected for the Grid Modernization Index Readiness Report.

- **Brianne Miller**, Director, Energy and Sustainability Policy, US Government Affairs, Microsoft
- **Jeff Loiter**, Technical Director, NARUC Center for Partnerships & Innovation
- **Doug Preece**, Managing Director, Black & Veatch Global Advisory
- **Kirsten Verclas**, Senior Managing Director, Electricity and Energy Security Programs, NASEO

4:00 PM: HOT SEAT: Interview with DOE Assistant Secretary Gene Rodrigues

MAINSTAGE

A “fiery” discussion, led by Lee Krevat, host of the Climate Champions podcast, interviewing Gene Rodrigues, Assistant Secretary for Electricity for the U.S. Department of Energy's Office of Electricity (OE). There will be a frank discussion about grid infrastructure investment and there will be hot sauce tasting – live!

- **Gene Rodrigues**, Assistant Secretary for Electricity U.S. Department of Energy's Office of Electricity (OE)



- **Lee Krevat**, CEO, Krevat Energy Innovations

5:00 PM: Reception

Wednesday, December 6

8:00 AM: Breakfast

8:30 AM: GridWise Alliance Member's Meeting

- **Larry Bekkedahl**, Vice Chair, GridWise Alliance Board of Director
- **Karen Wayland**, CEO, GridWise Alliance
- **Malaika Walton**, Executive Director
- **Makeba Scott**, Communications Director

9:30 AM: Right-sizing the Distribution System to Meet Future Needs

BREAKOUT Sponsored by EPRI

During this session, panelists will discuss the mid and long-term grid service needs, designs and operating requirements to "right-size" the distribution system to enable deep decarbonization in a reliable and cost-effective manner.

Societal decarbonization goals are leading to a transition towards higher penetrations of renewable generation and the electrification of transportation and buildings. Many areas are anticipating demand will double within the next 10-15 years. All decarbonization pathways will rely on a robust electric distribution system with the capacity and modern capabilities to achieve increasing customer expectations in a safe, reliable and affordable manner.

- **Jeff Smith**, Director, Grid Operations and Planning, Power Systems Studies EPRI
- **Paul Spitsen**, Energy Technology Specialist, DOE Office of Energy Efficiency & Renewable Energy
- **Larry Bekkedahl**, SVP Advanced Energy Delivery, Portland General Electric



9:30 AM: Accelerating Substation Virtualization to Achieve Grid Modernization

BREAKOUT Sponsored by Dell Technologies

Meeting global demand for energy while reducing greenhouse gas emissions and ensuring energy security requires a digital energy transformation. As the complexity of the Grid continues to increase at the edge, electric utility substations have become a critical location for grid modernization technologies. Bringing together a panel including technology leaders and electric utility practitioners, we will discuss, how Virtual Protection Automation and Control (vPAC) is reducing O&M costs and grid emissions while increasing grid reliability and cyber-resiliency. The conversation will include substation transformation experience to date, future initiatives, and the opportunity to leverage DOE Grid Resilience and Innovation Partnerships (GRIP) funding for substation modernization projects.

- **Elizabeth Cook**, Director of Advanced Grid Systems and Grid Modernization, Duquesne Light Company
- **Brant Heap**, Manager, Protection and Control Strategy, Salt River Project
- **Fran Stum**, Energy Transition Lead, Dell Technologies
- **Joe Jankosky**, Director, Energy Center of Excellence Intel

10:30 AM: BREAK

10:45 AM: VIDEO ADDRESS: Senator Hickenlooper

10:50 AM: The Need for Investments to Address the New Utility Reality

MAINSTAGE Sponsored by Anterix

Utilities are facing new realities involving calls for decarbonization and the integration of distributed energy, more robust cyber incursions, increasing and more significant weather events, wildfires, and more, while being asked to



electrify multiple sectors of the economy. As they plan grid modernization projects, they also face high interest rates, rising costs of supplies, workforce shortages and increasing wages, while also being asked to keep rates stable. This session will examine the financial condition of the utility industry and how decisions to make capital investments must be balanced with affordable rates.

- **Chris Guttman-McCabe**, Chief Regulatory and Communications Officer
Anterix
- **Phil Dion, SVP**, Customer Solutions, Edison Electric Institute
- **Peter Fox-Penner**, Partner and Chief Impact Officer, Energy Impact Partners
- **Karey Wayland**, CEO, The GridWise Alliance

12:00 PM: Lunch

1:30 PM: WORKSHOP: Lessons Learned from GRIP Round One

MAINSTAGE

The Grid Resilience and Innovation Partnerships (GRIP) Program at the U.S. Department of Energy (DOE) represents the largest direct investment in the electric grid by the federal government in history. The first round of GRIP funding was awarded in October, and the second round of funding was just announced in November, with concept papers due in January. This workshop will provide insights into the strengths of projects that were awarded funding in the first round, feedback from DOE on applications that did not receive funding, and changes to application requirements in the second round of funding, with the goal of helping GridWise Alliance members, states, and other stakeholders improve their likelihood of success in next funding cycle.

- **Ariel Horowitz**, Deputy Director, Grid Modernization, DOE Grid
- **Christopher Kelley**, Vice President, Beam Reach Consulting Group, LLC
- **Ann Moore**, Industry Principal – Power & Utilities, Aveva
- **Marguerite Behringer**, Director of Regulatory Affairs and Industry Relations, Landis + Gyr