

PowerForward



Public Utilities
Commission

Exploring Technologies

180 East Broad Street, Hearing Room 11B; Columbus, Ohio

Tuesday, July 25, 2017

9:00 a.m. to 5:00 p.m.

Opening Remarks

Chairman Asim Z. Haque

9:00 to 9:15 a.m.

The Platform

Grid Architecture

9:15 to 10:15 a.m.

Jeff Taft, Chief Architect, Electric Grid Transformation, Pacific Northwest National Laboratory (PNNL)

Break

10:15 to 10:30 a.m.

Communications Architecture

10:30 to 11:30 a.m.

Mark McGranaghan, Vice President, Power Delivery & Utilization, Electric Power Research Institute (EPRI)

Lunch

11:30 a.m. to 12:30 p.m.

Integration and Interoperability

Presentation

12:30 to 1:00 p.m.

John McDonald, P.E., SmartGrid Business Development Leader North America, Global SmartGrid Strategy Group, GE Grid Solutions

Communications Requirements Panel

1:00 to 2:15 p.m.

Mark Burke, Vice President, Energy & Utilities, Ericsson
Greg Myers, Vice President, Global Marketing, Sensus, a Xylem Brand
Jim Boch, Chief Engineer, Energy & Smart Grid, IPKeys Technologies, LLC

Break

2:15 to 2:30 p.m.

Integration and Interoperability continued

IT/OT Convergence Panel

2:30 to 3:45 p.m.

Bob Lockhart, Vice President, Cybersecurity, Utilities Technology Council

Steve Rawson, Assessment Team Member, Idaho National Laboratory

Brad Williams, Vice President, Industry & Strategy, Oracle Utilities

Standards Development Panel

3:45 to 5:00 p.m.

Michael Murray, President, Mission:data

Doug Houseman, Grid Modernization Lead, Burns & McDonnell

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Wednesday, July 26, 2017

9:00 a.m. to 4:30 p.m.

Enabling Technologies for the Evolving Grid

Presentation	9:00 to 9:30 a.m.
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Paul Alvarez, President, Wired Group	
Data Management and Utilization Panel	9:30 to 10:45 a.m.
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Ed Beroset, Principal Technical Leader, EPRI	
Katrina Roberts, Senior Product Line Manager, Itron	
Larry Dickerman, Senior Director Public Policy, Landis+Gyr	
Break	10:45 to 11:00 a.m.
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Distribution Automation, Volt-VAR Control & Optimization Panel	11:00 a.m. to 12:30 p.m.
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Joydeep Mitra, Professor, Electric Power & Energy Systems, Michigan State University	
Burt Mayer, Head of Marketing and IoT Strategy, Utilidata	
Damien Tholomier, Marketing & Solutions, Varentec	
Todd Ryan, Director, Regulatory Affairs, Smart Wires	
Lunch	12:30 to 1:30 p.m.
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Commission meeting	1:30 to 1:45 p.m.
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Utility Perspectives

AEP Ohio, DP&L	1:45 to 3:00 p.m.
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Scott Osterholt, Director, Grid Modernization and Risk Management, AEP Ohio	
Joe Bentley, Vice President, Customer Operations, The AES Corporation	
Break	3:00 to 3:15 p.m.
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Duke Energy, FirstEnergy	3:15 to 4:30 p.m.
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Lee Mazzocchi, Senior Vice President, Grid Solutions, Duke Energy	
Eileen Mikkelsen, Vice President, Rates & Regulatory Affairs, FirstEnergy Corp.	

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Thursday July 27, 2017

9:00 a.m. to 4:15 p.m.

Integrating Distributed Energy Resources (DERs) into the Evolving Grid

Presentation 9:00 to 9:45 a.m.

Chris Villarreal, President, Plugged In Strategies

Distribution System Safety and Reliability Panel 9:45 to 11:00 a.m.

Julio Romero Agüero, Vice President of Strategy, Quanta Technology

Michael Coddington, Principal Engineer, Integrated Devices and Systems, National Renewable Energy Laboratory

Tom Key, Senior Technical Executive, Renewables Integration, EPRI

Break 11:00 to 11:15 a.m.

Distribution System Planning and Operations Panel 11:15 a.m. to 12:30 p.m.

Neil Placer, Managing Member, Placer Consulting Services, LLC

Juliet Homer, Senior Energy Research Engineer, Energy Policy and Economics, PNNL

Joshua Wong, President and CEO, Opus One Solutions

Lunch 12:30 to 1:45 p.m.

Energy Storage

Presentation 1:45 to 2:15 p.m.

Vijay Singh, Executive Director Business Development, NextEra Energy Resources

Energy Storage Panel 2:15 to 3:30 p.m.

Don Harrod, Village Administrator, Minster, Ohio

Ryan Harty, Environmental Business Development, American Honda Motor Co., Inc.

Roger Wilkens, Co-Director, Pilot Microgrid Project, Athens, Ohio

Break 3:30 to 3:45 p.m.

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Wrap Up

Presentation

3:45 to 4:15 p.m.

Jeff Taft, Chief Architect, Electric Grid Transformation, PNNL

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