

Resiliency and Evolving Electricity Systems Part II

A Northwestern Electricity Dialogue WEBINAR

Northwestern Pritzker School of Law

Tuesday, October 27, 2020

8:30 a.m. – 12:00 p.m. CDT

9:30 a.m. – 1:00 p.m. EDT



8:30 **Welcome**

8:30-9:30am **Opening Keynotes — Resiliency & Evolving Electricity Systems**

- **Philip D. Moeller**, Executive Vice President, Business Operations Group and Regulatory Affairs, Edison Electric Institute (EEI)
- **Manu Asthana**, President and CEO, PJM Interconnection

9:30-10:45 **Session One — Distribution and System Resiliency**

Keeping the lights on for the end user. Grid Modernization & the Advanced Grid & New Technologies. Customer Control. Distribution Integrated Resource Planning

- **Moderator: Tremaine L. Phillips**, Commissioner, Michigan Public Service Commission
- **Jeff Morris**, Senior Director State Government Relations, North America Operations, Schneider Electric
- **Ric O'Connell**, Executive Director, GridLab

- **Bria Shea**, Director, Regulatory and Strategic Analysis, Xcel Energy

10:45-12:00 CDT **Session Two — Resiliency & the Evolving Electricity System: Pulling It All Together**

Federal, State, RTO, utility & Stakeholders' Roles and Responsibilities for assuring resiliency. Implementing the "Hardening, Containing and Restoring" concept for Resilient Electricity Systems. Making Resilient the G, T & D components of the electricity system.

- **Moderator: Matthew Schuerger**, Commissioner Minnesota Public Utilities Commission
- **Shay Bahramirad**, Vice President, Engineering and Smart Grid, ComEd
- **Mike Bryson**, Sr. VP, Operations, PJM Interconnection
- **JT Smith**, Senior Director of Operations Planning, Midcontinent Independent System Operator (MISO)

Participants (as of October 29, 2020)

1. **Manu Asthana**, President and CEO, PJM Interconnection
2. **Shay Bahramirad**, Vice President, Engineering and Smart Grid, ComEd
3. **Mike Bryson**, Sr. VP, Operations, PJM Interconnection
4. **Philip D. Moeller**, Executive Vice President, Business Operations Group and Regulatory Affairs, Edison Electric Institute (EEI)
5. **Jeff Morris**, Senior Director State Government Relations, North America Operations, Schneider Electric
6. **Ric O'Connell**, Executive Director, GridLab
7. **Tremaine L. Phillips**, Commissioner, Michigan Public Service Commission
8. **Matthew Schuerger**, Commissioner Minnesota Public Utilities Commission
9. **Bria Shea**, Director, Regulatory and Strategic Analysis, Xcel Energy
10. **JT Smith**, Senior Director of Operations Planning, Midcontinent Independent System Operator (MISO)

Registrants (as of October 29, 2020)

1. **Brad Albert**, VP Resource Management, Arizona Public Service
2. **Chad Allen**, Regional Director, Midcontinent Independent System Operator (MISO)
3. **Ken Anderson**, Former PUCT Commissioner
4. **Alison Archer**, Regional Director State Regulatory Affairs, MISO
5. **Alex Bai**, Advisor, Illinois Commerce Commission
6. **Brent Bailey**, Commissioner, Mississippi Public Service Commission
7. **Vicki Baldwin**, Shareholder, Parsons Behle & Latimer

8. **Janice Beecher**, Director, IPU, Michigan State University
9. **Stephen Bennett**, Manager, Regulatory and Legislative Affairs, PJM Interconnection
10. **David Boyd**, Regulatory and Policy Strategist, AESL Consulting
11. **Cameron Brooks**, President, E9 Insight
12. **Rich Brunt**, Senior Analyst, Indiana Utility Regulatory Commission
13. **Susan Buehler**, Chief Communications Officer, PJM Interconnection
14. **Tanya Cappellan**, Acting Director, Illinois Commerce Commission
15. **Michael T. Carrigan**, Commissioner, Illinois Commerce Commission
16. **Phillip Casey**, Partner, Calfee
17. **Laura Chappelle**, President, Chapelle Consulting
18. **Maida Coleman**, Commissioner, Missouri Public Service Commission
19. **Tammy Cordova**, Commissioner, Public Utilities Commission of Nevada
20. **Sarah Cronin**, US Program Director, Regulatory Assistance Project (Providence, RI)
21. **Megan Decker**, Commission Chair, Oregon Public Utility Commission
22. **Brian Draxten**, Manager, Resource Planning, Otter Tail Power Company
23. **Maisha Earl**, Principal Regulatory Specialist, ComEd
24. **Robert Endris**, Associate General Counsel, Otter Tail Power Company
25. **Christine Ericson**, Attorney, Illinois Commerce Commission
26. **Evan Estes**, Manager Business Development, Quanta Technology LLC
27. **Linda Evers**, Shareholder, Stevens & Lee
28. **Jeff Ewart**, Deputy Director, Midwestern Governors Association
29. **Julie Fedorchak**, Commissioner, ND PSC
30. **David Fein**, President and CEO, Fein Solutions LLC
31. **Jeff Ferry**, Sr. Director Government Affairs, Vistra
32. **Neal Fitch**, Sr. Director, Regulatory Affairs, NRG Energy, Inc.
33. **Al Freeman**, Assistant to Division Director, Michigan Public Service Commission
34. **Edward Garvey**, Regulatory Strategist, AESL Consulting
35. **Beth Garza**, Senior Fellow, Energy Policy, R Street
36. **James Gignac**, Lead Midwest Energy Analyst, Union of Concerned Scientists
37. **Kevin Gunn**, Principal, Paladin Energy Strategies
38. **Ryan Hadley**, Executive Director of External Affairs, Indiana Utility Regulatory Commission
39. **Deidre Hansen**, External Affairs Specialist, Indiana Utility Regulatory Commission
40. **James Harmening**, Director of Cybersecurity & Risk Management, Illinois Commerce Commission
41. **Pat Hayes**, Manager of Transmission Policy, LS Power
42. **Christina Hayes**, VP, Federal Regulatory Affairs, BHE
43. **Tom Haymaker**, Manager, Energy Planning, Clark Public Utilities
44. **Ross Hemphill**, President, RCHemphill Solutions LLC
45. **MeLena Hessel**, Senior Policy Advocate, ELPC

46. **Cynthia Holland**, Assistant General Counsel, Atlantic City Electric
47. **Sharon Jacobs**, Professor, University of Colorado
48. **Meredith Jones**, Senior Utility Analyst, Indiana Utility Regulatory Commission
49. **Michael Jung**, Market Development, Utilidata
50. **Christopher Kennedy**, Partner, Whitt Sturtevant LLP
51. **Clay Layson**, Assistant Attorney General, Office of Arkansas Attorney General Leslie Rutledge
52. **Wei Chen Lin**, Policy Advisor - Cybersecurity & Risk Management, Illinois Commerce Commission
53. **Shelby Linton Keddie**, Senior Director, State Energy and Regulatory Policy, EEI
54. **Jody Londo**, Regulatory Policy Manager, Xcel Energy
55. **Nicole Luckey**, Vice President, Regulatory Affairs, Invenergy LLC
56. **Ivy Lyn**, Director, State Regulatory Affairs, EEI
57. **Richard Mathias**, Shareholder, Mathias Consulting
58. **Daryl Maxwell**, Department Manager - Hydro Interconnections, Manitoba Hydro
59. **Ann McCabe**, Legal and Policy Advisor, Illinois Commerce Commission
60. **Janna McCardel**, Senior Utility Analyst, Indiana Utility Regulatory Commission
61. **David Moeller**, Senior Attorney & Director of Regulatory Compliance, Minnesota Power
62. **Jennifer Murphy**, Dir. of Energy Policy, NARUC
63. **Natassia Najman**, Summer Associate, Avangrid
64. **Paul Neilan**, Owner, Law Offices of Paul G. Neilan, P.C.
65. **Bob Nelson**, Consumer Counsel, Montana Consumer Counsel
66. **Chris Nelson**, Commissioner, South Dakota Public Utilities Commission
67. **Ellen Nowak**, Commissioner, Wisconsin Public Service Commission
68. **Anastasia O'Brien**, SVP & Deputy GC, ComEd
69. **Mike O'Brien**, Mgr State (MI) Governmental Affairs, Otter Tail Power Company
70. **Erin O'Connell-Diaz**, President, FutureFWD, Inc.
71. **Kim O'Guinn**, Commissioner, Arkansas Public Service Commission
72. **Andrew Owens**, Director, Regulatory, Entergy Services, LLC
73. **Katie Papadimitriou**, Deputy Executive Director – Policy, Illinois Commerce Commission
74. **Bennett Peterson**, Energy & Sustainability Masters Candidate, Northwestern University
75. **Marji Philips**, VP, Wholesale Market Policy, LS Power
76. **Hannah Polikov**, Managing Director, AEE
77. **Matthew Prorok**, Sr Policy Manager, Great Plains Institute
78. **Tetyana Rabczak**, Legal Advisor to Chairman, ICC
79. **John Ratnaswamy**, Member, The Law Office of John Ratnaswamy, LLC
80. **Ashley Renkor**, Legal and Policy Advisor, Illinois Commerce Commission
81. **Jeffrey Ripp**, Director, Regulatory Strategy and Solutions, Alliant Energy
82. **Doug Scott**, Vice President, Great Plains Institute

83. **Brandon Simmons**, Deputy Attorney General, NJ Office of the Attorney General, Division of Law
84. **Jay Skabo**, VP Elec Supply, MDU
85. **Melissa Skelton**, Regulatory Affairs Strategic Advisor, Seattle City Light
86. **Dianne Solomon**, Commissioner, New Jersey Board of Public Utilities
87. **Matthew Spitzer**, Howard and Elizabeth Chapman Professor of Law, Northwestern Pritzker Law
88. **Rick Starkweather**, Partner, ScottMadden, Inc.
89. **Amy Stein**, Professor, Levin College of Law, University of Florida
90. **Suzanne Stelmasek**, Manager, State Govt Affairs, Exelon
91. **Mary Stephenson**, Principal, Stephenson Schroeder Ltd.
92. **Joe Sullivan**, Vice-Chair, Minnesota Public Utilities Commission
93. **Heather Svenson**, RTO Strategy Analyst, PSEG
94. **Gavin Taves**, Energy Policy Director, Illinois Environmental Council
95. **Rob Threlkeld**, Global Manager - Sustainable Energy, Supply & Reliability, General Motors
96. **Mary Throne**, Deputy Chair, Wyoming Public Service Commission
97. **Joseph Tomain**, Dean Emeritus, University of Cincinnati College of Law
98. **Beth Trombold**, Commissioner, Public Utilities Commission of Ohio
99. **Brian Tulloh**, Executive Director, External Affairs North Region, MISO
100. **Justin Vickers**, Staff Attorney, ELPC
101. **Julie Voeck**, Senior Director, Legislative & Regulatory Affairs, NextEra Energy Resources
102. **Kevin Webb**, Director, Business and Finance, Northwestern Center on Law, Business, and Economics
103. **Steve Weissman**, Lecturer, UC Berkeley
104. **Carolyn Wetterlin**, Senior Manager, RTO Policy, Xcel Energy
105. **Dan Williams**, Director - Market IQ West, Customized Energy Solutions
106. **Ryan Wolber**, Associate, EDF Renewables
107. **Michelle Zaccagnino**, Manager, State Regulatory Policy, Edison Electric Institute
108. **Andy Zellers**, President, Influent Energy