MISO Grid 2033: Preparing for the Future

Wednesday, November 29 (12:00 p.m.) to Thursday, November 30 (12:15 p.m.)

Hyatt Regency St. Louis at The Arch
315 Chestnut Street, St. Louis, MO 63102

Wednesday, November 29, 2017

11:30-12:15 Informal Lunch

12:15-12:25 Convening & Introductions
- Derek H. Gundersen, Searle Center on Law, Regulation, and Economic Growth, Northwestern Pritzker School of Law
- David E. Dismukes, Professor and Executive Director, Center for Energy Studies, Louisiana State University

12:25-12:40 Opening Remarks
- Daniel Hall, Chair, Missouri Public Service Commission

12:40-1:30 Overview of the Issues: Today’s, Tomorrow’s & How to Prepare
- Introduction: Mike Huebsch, Commissioner, Public Service Commission of Wisconsin
- John R. Bear, President and CEO, Midcontinent Independent System Operator (MISO)
- Warner Baxter, Chairman, President and Chief Executive Officer Ameren Corporation

1:30-3:00 Session One – Advancing Transmission – Technologies, Providers, Owners and Operators
What are the long-term needs and expectations of the MISO grid for current grid owners and the new energy technologies and their providers?
- Moderator: Matthew Schuerger, Commissioner, Minnesota Public Utilities Commission
- Duane Highley, Chief Affordability Officer/President/CEO, Arkansas Electric Cooperatives (AEC)
3:00-3:30  Break

3:30-5:00  Session Two – Customers & Ratepayers
What will they want, need and expect from the transmission grid tomorrow?
- Moderator: Kenneth W. Anderson, Jr., Former Commissioner, Public Utility Commission of Texas
- Chuck Harder, Deputy Attorney General, Office of Arkansas Attorney General Leslie Rutledge
- Aakash Chandarana, Regional Vice President of Rates and Regulatory Affairs, Xcel Energy
- Maida Coleman, Commissioner, State of Missouri Public Service Commission

5:00-6:00  Cocktail Reception

6:00-6:30  Dinner

6:30-7:45  Keynote Address

6:30-6:45  Introductory Remarks
Sherina Maye Edwards, Commissioner, Illinois Commerce Commission

6:15-7:00  Keynote Address
Rob Threlkeld, Global Manager, Renewable Energy, General Motors

Thursday, November 30, 2017

7:15-8:00  Breakfast

8:00-8:15  Reconvening & Welcome

8:15-9:45  Session Three — Jobs & Economic Development
How can we help make sure the MISO electricity grid is ready to enable job creation and promote economic development, as well as reliability and economic efficiency?
- Moderator: Brandon Presley, Commissioner, Mississippi Public Service Commission
- The Honorable Pat Garofalo, Representative, Minnesota House District 58B; Chair, House Job Growth & Energy Affordability Policy Committee
• David Shanks, Environmental Policy Analyst, The Boeing Company
• Jim Alexander, Senior Vice-President, St. Louis Regional Chamber

9:45-10:00 Break

10:00-11:30 Session Four — Infrastructure Investment
What will be needed? How to organize and plan? Who builds it? How to pay for it? What are the barriers and how to overcome them?
• Moderator: Nick Wagner, Board Member Iowa Utility Board
• Krista Tanner, Vice President-ITC Holdings Corp. and President ITC Midwest, ITC Holdings Corp.
• Alexandra B. Klass, Distinguished McKnight University Professor, University of Minnesota Law School
• Jennifer Curran, Vice President, System Planning & Seams Coordination, Midcontinent Independent System Operator (MISO)

11:30-12:15 Next Steps
• Tony Clark, Senior Advisor, Wilkinson, Barker & Knauer

12:15-1:30 Informal Lunch & Departure

Confirmed Utility Commissioners (as of 11/20/2017):

1. Maida Coleman, Commissioner, State of Missouri Public Service Commission
2. Kenneth W. Anderson, Jr., Former Commissioner, Public Utility Commission of Texas
3. Sherina Maye Edwards, Commissioner, Illinois Commerce Commission
4. Daniel Hall, Chairman, Missouri Public Service Commission
5. Mike Huebsch, Commissioner, Public Service Commission of Wisconsin
6. Tony O’Donnell, Commissioner, Montana Public Service Commission
7. Brandon Presley, Commissioner, Mississippi Public Service Commission
8. Scott Rupp, Commissioner, Missouri Public Service Commission
9. Matthew Schuerger, Commissioner, Minnesota Public Utilities Commission
10. Nick Wagner, Board Member Iowa Utility Board

Confirmed Participants (as of 11/20/2017):

11. Jim Alexander, Senior Vice-President, St. Louis Regional Chamber
12. John R. Bear, President and CEO, Midcontinent Independent System Operator (MISO)
13. Warner Baxter, Chairman, President and Chief Executive Officer, Ameren Corporation
14. Aakash Chandarana, Regional Vice President of Rates and Regulatory Affairs, Xcel Energy
15. Anthony T. Clark, Senior Advisor, Wilkinson, Barker & Knauer
17. **Jennifer Curran**, Vice President, System Planning & Seams Coordination, Midcontinent Independent System Operator (MISO)
18. **David E. Dismukes**, Professor and Executive Director, Center for Energy Studies, Louisiana State University
19. **The Honorable Pat Garofalo**, Representative, Minnesota House District 58B; Chair, House Job Growth & Energy Affordability Policy Committee
20. **Chuck Harder**, Deputy Attorney General, Office of Arkansas Attorney General Leslie Rutledge
21. **Duane Highley**, Chief Affordability Officer/President/CEO, Arkansas Electric Cooperatives (AEC)
22. **Alexandra B. Klass**, Distinguished McKnight University Professor, University of Minnesota Law School
23. **Clair Moeller**, Executive Vice President, Midcontinent Independent System Operator (MISO)
24. **David Shanks**, Environmental Policy Analyst, The Boeing Company
25. **Beth Soholt**, Executive Director, Wind on the Wires
26. **Krista Tanner**, Vice President‐ITC Holdings Corp. and President ITC Midwest, ITC Holdings Corp.
27. **Rob Threlkeld**, Global Manager, Renewable Energy, General Motors

**Confirmed Registrants** (as of 11/20/2017):

28. **Alex Antal**, Policy Advisor and Legal Counsel, Missouri Public Service Commission
29. **James Blessing**, Sr Dir Eny Supp & Corp Inivy, Ameren Corporation
30. **David Boyd**, Vice President, Gov't & Regulatory Affairs, Midcontinent Independent System Operator (MISO)
32. **Denise Buffington**, Director Federal Regulatory Affairs & Corporate Counsel, Kansas City Power & Light Company
33. **Josh Campbell**, Executive Director, Missouri Energy Initiative
34. **Phil Casey**, VP Administration/General Counsel, Prairie State Generating Company
35. **Michael Deupree**, Research Associate, Acadian Consulting Group
36. **Jeff Dodd**, Director - Transmission Policy, Ameren
37. **Tia L. Elliott**, Director, Regulatory Affairs, NRG
38. **Evan Estes**, Manager, Business Development, Quanta Technology
39. **Kent Fonvielle**, MISO South Executive Director of External Affairs, Midcontinent Independent System Operator (MISO)
40. **Edward Garvey**, Regulatory & Policy Strategist, AESL Consulting
41. **Sam Gomberg**, Senior Energy Analyst, Union of Concerned Scientists
42. **Craig Gordon**, VP, Regulatory Affairs, Invenergy LLC
43. **Michael Gregerson**, Consultant, Midwestern Governors Association
44. **David Guerry**, Attorney, Long Law Firm
45. **Kevin Gunn**, Principal, Paladin Energy
46. **Diana Hall**, Adjunct Professor, University of Tulsa College of Law
47. **Theresa Hatchell**, Executive Assistant to Commissioner Huebsch, Public Service Commission of Wisconsin
48. **Marcus Hawkins**, Director - Member Services, Organization of MISO States
49. **Pat Hayes**, Manager of Transmission Policy, LS Power
50. **Shane Hilton**, VP-MISO Operations, Cleco Corporations
51. **Douglas Jester**, Partner, 5 Lakes Energy
52. **Aubrey Johnson**, Executive Director, System Planning & Competitive Transmission, Midcontinent Independent System Operator (MISO)
53. **Katherine King**, Partner, Kean Miller Law Firm
54. **Steve Kozey**, Senior Vice President and Secretary, Midcontinent Independent System Operator (MISO)
55. **Josh Lynch**, Senior Outreach Coordinator, Union of Concerned Scientists
56. **Don Mazuchowski**, Electric Operations Manager, Michigan Public Service Commission
57. **Herbert Minke**, Vice President of Regulatory Affairs, Minnesota Power
58. **Brad Mittendorf**, Founding Partner, Southern Strategy Group of LA
59. **Suzanne Mottin**, Director – Power, Occidental Energy Ventures
60. **Paul Neilan**, Attorney, Law Offices of Paul G. Neilan, P.C.
62. **Lu Nelson**, Policy Associate, Center for Rural Affairs
63. **Scott Neu**, Senior Policy Analyst, Transmission Owner/Developer
64. **Emma Nix**, Analyst, PJM Interconnection
65. **Erin O’Connell-Diaz**, Senior Fellow, Governing Institute
66. **Tanya Paslawski**, Executive Director, Organization of MISO States
67. **Audrey Penner**, Market Access, Manitoba Hydro
68. **Jennifer Peterson**, Manager of Regulatory Affairs, Minnesota Power
69. **Matt Prorok**, Policy Associate, Great Plains Institute
70. **John Ratnaswamy**, Partner, Rooney Rippie & Ratnaswamy LLP
71. **Brian Rushing**, Vice President, Quanta Technology
72. **Shawn Schukar**, President, Ameren Transmission
73. **Melissa Seymour**, Regional Executive, State & Customer Affairs, Midcontinent Independent System Operator (MISO)
74. **Brice Sheriff**, Director Regulatory Affairs, Ameren Illinois
75. **Drew Siebenaler**, Sr. Engineer, Regional Transmission Planning, Xcel Energy
76. **Rick Starkweather**, Partner, Scott Madden Management Consultants
77. **Sheldon Toibb**, Attorney and Consultant, Energy and Utility Attorney and Consultant
78. **Cindy M. Torstveit**, Administrator, Division of Regional Energy Markets, Public Service Commission of Wisconsin
79. **Brian Tulloh**, Executive Director, External Affairs, Midcontinent Independent System Operator (MISO)
80. **Jennifer Vosburg**, Senior Vice President, NRG and President, Louisiana Generating LLC
81. **Joan Walker-Ratliff**, Director, Regulatory Affairs, Phillips 66
82. **Carolyn Wetterlin**, Senior Manager - Regional Transmission Policy, Xcel Energy
83. **Terry Whitmore**, General Manager - Transmission Strategy, Cleco Power