

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)

- **Beth Sohlt**, Executive Director, Wind on the Wires
- **Clair Moeller**, Executive Vice President, Midcontinent Independent System Operator (MISO)

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
- **Jim Collins**, Director for Energy Markets, Americas, Datacenter Strategy, Planning and Development, Microsoft Cloud Infrastructure and Operations (“MCIO”)
- **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
16. **Jim Collins**, Director for Energy Markets, Americas, Datacenter Strategy, Planning and Development, Microsoft Cloud Infrastructure and Operations (“MCIO”)

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 Sohlt**, 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 Engy Supp & Corp Inity, Ameren Corporation
30. **David Boyd**, Vice President, Gov't & Regulatory Affairs, Midcontinent Independent System Operator (MISO)
31. **Matthew Brown**, VP, Federal Policy, Entergy Services, Inc.
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.
61. **Elise Nelson**, Manager of Public Affairs – Wisconsin, Alliant Energy
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