

Northwestern

CENTER ON LAW, BUSINESS,
AND ECONOMICS

The Transitioning Electricity System: Resiliency, Reliability, and Renewables



Monday, April 25, 2022

Tuesday, April 26, 2022

Northwestern Law | Chicago, Illinois

Wieboldt Hall | 339 E. Chicago Avenue

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2022

The Transitioning Electricity System: Resiliency, Reliability, and Renewables

Northwestern Electricity Dialogue

Monday, April 25 (12:00 p.m.)—Tuesday, April 26 (12:00 p.m.), 2022

Northwestern Pritzker School of Law, Chicago, IL
Wieboldt Hall—339 E. Chicago Avenue, Chicago, IL 60611



Program Materials and Speaker Bios:
<https://bit.ly/nwu-dialogue2022>



Monday, April 25, 2022

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| 11:00-12:30 | Registration Check-in (<i>1st floor Wieboldt Hall</i>)
Informal Lunch (<i>Wieboldt Hall #540</i>) |
| 12:30-12:45 | Convening & Ground Rules (<i>Wieboldt Hall #150</i>) |
| 12:45-1:00 | Welcome & Opening Remarks
Carrie K. Zalewski, Chairman, Illinois Commerce Commission |

- 1:00-1:30 **Opening Keynote Address**
 Introduction: **Katie Sieben**, Chair, Minnesota Public Utility
 Commissioner
 Keynote Speaker: **Chris Clark**, President, Xcel Energy -
 Minnesota, South Dakota, North Dakota
- 1:30-3:00 **Session One — Generation Transition & System Resiliency**
 *This session will discuss the challenges of the ongoing transition in the
 nation's electricity system. What are its on impact on system resiliency and
 resource availability? What are the implications of moving from a central
 station generation to more a dispersed system and the "Every Hour
 Matters" Paradigm Shift? How can extreme weather events, unexpected
 outages, cyber security and other generation threats be handled?*
- Moderator:** **Matt Schuerger**, Commissioner, Minnesota Public
 Utility Commission
 Asim Haque, Vice President, State and Member Services, PJM
 Brian Kauffman, PJM Lead and Director of Regulatory Affairs,
 Enel North America
 Philip D. Moeller, Executive Vice President, Business Operations
 Group and Regulatory Affairs, Edison Electric Institute
- 3:00-3:30 **Break** (*Wieboldt Hall #147*)
- 3:30-5:00 **Session Two — Transmission, Part I: Need & Planning**
 *This session will discuss the transmission need for today & tomorrow. What
 are the transmission needs for system resiliency, economics, meeting policy
 goals? How is the planning going?*
- Moderator:** **Beth Trombold**, Commissioner, Public Utilities
 Commission of Ohio
 Lauren Azar, Azar Law LLC
 Joshua Burkholder, Director of Transmission Policy, American
 Electric Power
 Aubrey Johnson, Vice President of System Planning and Competitive
 Transmission, Midcontinent Independent System Operator (MISO)
 Joshua Macey, Assistant Professor of Law, University of Chicago
 Law School

- 5:00-6:00 **Cocktail Reception** (*Potoscnak Family Atrium, Simpson Querrey Biomedical Research Center - 303 E. Superior Street, Chicago, IL 60611*)
- 6:00 **Dinner** (*Potoscnak Family Atrium*)
- 6:45 **Dinner Keynote—*Enabling the Resilient Electricity Future***
- **Introduction: Sarah Freeman**, Commissioner, Indiana Utility Regulatory Commission
 - **Keynote Speaker: Kevin Lynn**, Grid Modernization Director, U.S. Department of Energy

Tuesday, April 26, 2022

- 7:15-8:30 **Continental Breakfast** (*Wieboldt Hall #147*)
- 8:30-10:00 **Session Three — Transmission, Part II: Implementing Plans**
Picking up from where Session Two left off, this session will discuss how to implement the transmission plans. What does it take to go from transmission plans to energized lines? Given the duration of this implementation phase, how can that process be aligned to meet system resiliency needs? What are challenges and what ways to overcome them?
- Moderator: Ann McCabe**, Commissioner, Illinois Commerce Commission
Beth Sohlt, Executive Director, Clean Grid Alliance
Julie Voeck, Senior Director Legislative and Regulatory Affairs, NextEra Energy Resources
Simon Whitelocke, Vice President, ITC Holdings Corp. and President, ITC Michigan, ITC Holdings Corp.
- 10:00-10:15 **Break** (*Wieboldt Hall #147*)

10:15-11:45 **Session Four — Pulling It All Together: The Resilient Electricity System**
This session will try to pull it all together: How to keep the lights on while the electricity system is in transition? What are the roles and challenges of new technologies and greater customer control? What are the Federal, State, RTO, utility & stakeholders' responsibilities and how to seamlessly align them?

Moderator: Kimberly O'Guinn, Commissioner, Arkansas Public Service Commission

Jennifer Cady, Director of Regulatory Affairs, Minnesota Power

John Harmon, Operations Director, Midcontinent Independent System Operator (MISO)

Lynne Kiesling, Research Professor, University of Colorado-Denver; Co-Director, Institute for Regulatory Law & Economics; US Department of Energy's Electricity Advisory Committee (EAC)

11:45-1:00 **Conclusion, Close, and Boxed Lunch**

Confirmed Utility Commissioners (as of 4/26/2022):

1. **Maria Bocanegra**, Commissioner, Illinois Commerce Commission
2. **Upendra J. Chivukula**, Commissioner, New Jersey Board of Public Utilities
3. **Daniel Conway**, Commissioner, Public Utilities Commission of Ohio
4. **Kimberly W. Duffley**, Commissioner, North Carolina Utilities Commission
5. **Sarah Freeman**, Commissioner, Indiana Utility Regulatory Commission (*Keynote Introduction*)
6. **Art Graham**, Commissioner, Florida Public Service Commission
7. **D. Ethan Kimbrel**, Commissioner, Illinois Commerce Commission
8. **Ann McCabe**, Commissioner, Illinois Commerce Commission (*Panel Moderator*)
9. **Kimberly O'Guinn**, Commissioner, Arkansas Public Service Commission (*Panel Moderator*)
10. **Matthew Schuerger**, Commissioner, Minnesota Public Utilities Commission (*Panel Moderator*)
11. **Antony Scott**, Commissioner, Regulatory Commission of Alaska
12. **Katie Sieben**, Chair, Minnesota Public Utility Commissioner (*Keynote Introduction*)
13. **Emile C. Thompson**, Interim Chairman, Public Service Commission of the District of Columbia
14. **Beth Trombold**, Commissioner, Public Utilities Commission of Ohio (*Panel Moderator*)

15. **Carrie Zalewski**, Chairman, Illinois Commerce Commission (*Opening Remarks*)

Confirmed Participants (as of 4/26/2022):

16. **Lauren Azar**, Azar Law LLC
17. **Josh Burkholder**, Director of FERC Policy, American Electric Power
18. **Jennifer Cady**, Director of Regulatory Affairs, Minnesota Power
19. **Chris Clark**, President, Xcel Energy - Minnesota, South Dakota, North Dakota
20. **John Harmon**, Operations Director, Midcontinent Independent System Operator (MISO)
21. **Asim Haque**, Vice President, State and Member Services, PJM
22. **Aubrey Johnson**, Vice President of System Planning and Competitive Transmission, Midcontinent Independent System Operator (MISO)
23. **Brian Kauffman**, PJM Lead and Director of Regulatory Affairs, Enel North America
24. **Lynne Kiesling**, Research Professor, University of Colorado-Denver; Co-Director, Institute for Regulatory Law & Economics
25. **Kevin Lynn**, Grid Modernization Director, U.S. Department of Energy
26. **Joshua Macey**, Assistant Professor of Law, University of Chicago Law School
27. **Philip D. Moeller**, Executive Vice President, Business Operations Group and Regulatory Affairs, Edison Electric Institute
28. **Beth Soholt**, Executive Director, Clean Grid Alliance
29. **Julie Voeck**, Senior Director Legislative and Regulatory Affairs, NextEra Energy Resources
30. **Simon Whitelocke**, Vice President, ITC Holdings Corp. and President, ITC Michigan, ITC Holdings Corp.

Confirmed Registrants (as of 4/26/2022):

31. **Alejandro Aixala**, Legal and Policy Advisor, Illinois Commerce Commission
32. **Trevor Alexander**, Attorney, Benesch Friedlander Coplan & Aronoff LLP
33. **Jared Alholinna**, Leader, Economic Transmission Planning, Great River Energy
34. **Chaz Allen**, Executive Director, Iowa Utility Association
35. **Alison Archer**, Regional Director- State Regulatory Affairs, Midcontinent Independent System Operator (MISO)
36. **Thomas Aridas**, Director Gas Regulatory Planning Policy, WEC Energy Group, Inc.
37. **Kelly Aves**, Policy Advisor, Illinois Commerce Commission
38. **Mathias Bell**, Director of Policy and Regulatory Affairs, WeaveGrid
39. **David Boyd**, Regulatory and Policy Strategist, AESL Consulting

40. **Nick Dreher**, Senior Legal & Policy Advisor to Commissioner Ann McCabe, Illinois Commerce Commission
41. **Scott Drzycimski**, Director of Public Affairs, ITC Midwest
42. **Elena Dulger**, MSES student, Northwestern University
43. **Theodore Eidukas**, Vice President - External Affairs, WEC Energy Group, Inc.
44. **Edward Garvey**, Regulatory Strategist, AESL Consulting
45. **Robert Garvin**, Executive Vice President - External Affairs, WEC Energy Group, Inc.
46. **Jordan Graham**, Chairman Advisor, Illinois Commerce Commission
47. **Brenda Grossgebauer**, Director of Operations, UAMPS
48. **James Harmening**, Cybersecurity & Risk Management Director, Illinois Commerce Commission
49. **Matt Harris**, Lead Assistant General Counsel, Xcel Energy Services Inc.
50. **Nicholas Hromalik**, Policy Advisor, Illinois Commerce Commission
51. **Andrea Jakubas**, Legal & Policy Advisor, Illinois Commerce Commission
52. **Nathan Jensen**, Manager, Resource Planning, Otter Tail Power Company
53. **Christopher Kennedy**, Partner, Whitt Sturtevant LLP
54. **Bradley Klein**, Senior Attorney, ELPC
55. **Bob Kuzman**, Dir State Regulatory Affairs, Regional Outreach, Midcontinent Independent System Operator (MISO)
56. **Nathalia Lohmann**, MSES student, Northwestern University
57. **Richard Mathias**, Consultant
58. **Maya Nevels**, Legal & Policy Advisor, Illinois Commerce Commission
59. **Erin O'Connell-Diaz**, Advisory Council Member, NM State University
60. **Lopa Parikh**, Senior Director, Federal Regulatory Affairs, Edison Electric Institute
61. **Bradley Perkins**, Senior Manager, Regulatory Affairs & Compliance, ComEd
62. **Matt Prorok**, Sr Policy Manager, Great Plains Institute
63. **Tetyana Rabczak**, Chairman Advisor, Illinois Commerce Commission
64. **Jack Roback**, Low Carbon & Sustainability Strategy Lead, bp plc
65. **Doug Scott**, Vice President, Great Plains Institute
66. **Brice Sheriff**, Senior Director, Regulatory Affairs & Energy Supply, Ameren IL
67. **Rachel Stanford**, Director of Transmission, UAMPS
68. **Justin Stewart**, RTO Policy & Transmission Connection Agreements, Ameren
69. **Brian Tulloh**, Executive Director, External Affairs, Midcontinent Independent System Operator (MISO)
70. **Rachelle Whitacre**, Director, Regulatory Affairs, Southern Company Gas

Seventh Annual Electricity Dialogue at Northwestern Resiliency & Evolving Electricity Systems

Biographies



LAUREN AZAR provides legal and consulting services in the electric industry providing business, regulatory and policy advice, as well as project development and permitting. Among other things, she is currently assisting utilities to develop a path to deep decarbonization and working within the Midcontinent Independent System Operator (MISO) footprint to improve transmission planning and cost allocation.

Azar served as the Senior Advisor to the US Secretary of Energy from 2011-13, advising him on the electric industry and its institutional barriers. She also co-led negotiations among 9 federal agencies, to overhaul and streamline their evaluation of electric transmission.

From 2007-11, Azar was a Wisconsin Public Service Commissioner. As President of the Organization of MISO states, in 2009, Azar chaired both the regulator and the MISO-stakeholder processes that resulted in the development of 17 multi-value projects (MVPs). In 2010, she organized the states and Canadian provinces east of the Rockies and led them through the first-of-its-kind planning in the Eastern Transmission Interconnection.



JOSHUA BURKHOLDER is Director of Federal Policy for American Electric Power. In this role, he is responsible for federal policy issues that impact AEP's grid development business.

Burkholder was previously Director of Asset Strategy for Transource Energy, a subsidiary of American Electric Power and Evergy, Inc., where he was responsible for securing competitive transmission projects under FERC Order 1000 within the PJM, SPP and MISO regions. He was also manager of Transmission Strategy and Business Development and responsible for the development of AEP's new state transmission companies. He has also held roles within AEP's transmission project controls and budgeting functions and within AEP's corporate strategy team.

Burkholder earned a bachelor's degree in economics from the University of Maryland, and a master's degree in business administration from the Ohio State University. He serves the central Ohio community as a board member for the New Directions Career Center.



JENNIFER J. CADY is the Director of Regulatory at Minnesota Power, an electric utility serving northeast Minnesota and some of the nation's largest industrial customer. Her current responsibilities include representing Minnesota Power at the Minnesota Public Utilities Commission and leading a team to develop strategies for positive regulatory outcomes, ensuring regulatory compliance, advising on and helping to shape energy policy, and building and maintaining relationships with stakeholders. Jennifer has led regulatory and policy initiatives related to integrated resource planning, electric rate cases and rate design, resource acquisition and new customer programs.

In addition to working for Minnesota Power, Jennifer is a 20 year veteran of the military and currently serves on the board of directors for several organizations, including the Duluth Area Chamber of Commerce, the Center for Rural Policy and Development, and the College of Saint Scholastica's Institutional Review Board. She also presently serves as a Commissioner on the Proctor Public Utilities Commission, a municipal utility providing water and electric service in northern Minnesota.

Jennifer has been previously named the 148th Fighter Wing's Officer of the Year and one of the Duluth News Tribune's "20 Under 40." She holds a Bachelor's Degree from the College of Saint Scholastica, a Master's Degree from the American Military University, and is a graduate of both the Leadership Duluth and Leadership Minnesota programs. Jennifer lives with her family just outside of Duluth, in Proctor, Minnesota.



CHRISTOPHER B. CLARK President, Xcel Energy–Minnesota, North Dakota, and South Dakota, is leading the company's Upper Midwest (Minnesota, North Dakota & South Dakota) visionary energy transition and delivering on customer energy solutions, all while ensuring clean and reliable energy at affordable prices. He's responsible for the strategic plan and financial results of the company as well as customer, community, regulatory, legislative and governmental relationships in all three states.

Chris co-chairs the Minnesota Department of Transportation Sustainable Transportation Advisory Council with Minnesota Department of Transportation Assistant Commissioner, Sustainability and Public Health,

Tim Sexton. Chris is a member of the Minnesota Governor's Advisory Council on Climate Change. He is also a member of the Executive Committee of the University of Minnesota Center for Transportation Studies (CTS). He is a member for the board of directors of the Saint Paul Downtown Alliance

Chris previously served as co-chair, appointed by former Governor Dayton, to Minnesota's Connected and Automated Vehicle Task Force with former Minnesota Department of Transportation Commissioner Charlie Zelle in 2018. He also served on the board of directors of Minnesota Chamber of Commerce. He is a graduate of the University of Iowa and Drake Law School.



SARAH FREEMAN was appointed by Governor Mike Pence as Commissioner on September 19, 2016, and was most recently reappointed by Governor Eric Holcomb on December 20, 2021. Commissioner Freeman sits on the Board of Directors of the National Association of Regulatory Utility Commissioners (NARUC) and chairs its Subcommittee on Education and Research. She is a member of the NARUC Committee on Telecommunications and serves on the Boards of Directors for the Universal Service Administrative Company and the National Regulatory Research Institute. Freeman also is President of the Organization of MISO States.

Prior to her appointment, Commissioner Freeman served as a senior staff attorney with the nonpartisan Indiana Legislative Services Agency, where she drafted utility and transportation legislation and served as counsel to numerous legislative committees.

A native Hoosier, Commissioner Freeman earned her undergraduate degrees in psychology, French, and political science from Indiana University – Bloomington and her juris doctor degree from the Indiana University Maurer School of Law.



ASIM Z. HAQUE oversees State Government Policy, State Policy Solutions and Member Services, which includes Stakeholder Affairs, Client Management, Knowledge Management and State & Member Training. He leads PJM's policy development and interaction with state government, which includes state commissions, governor's offices, state legislatures and state security agencies. Haque also oversees PJM's member interactions, which includes the PJM stakeholder process.

Prior to joining PJM, Haque was the chairman of the Public Utilities Commission of Ohio (PUCO). As the state's chief regulator, he guided Ohio through some of the most relevant energy policy issues facing the nation, including

Clean Power Plan compliance, cases related to the future of baseload power plants in competitive markets and distribution grid modernization.

Haque, an attorney, began his career at a large general practice firm and went on to work as in-house counsel at a global auto manufacturer prior to his appointment to the PUCO. He also serves on the board of the Philadelphia Education Fund, which works to create equitable opportunities for all students to succeed in college and career.

Haque holds a bachelor's degree in chemistry and political science from Case Western Reserve University and a Juris Doctor from The Ohio State University Moritz College of Law.



JOHN HARMON is an Operations Director responsible for MISO's market functions which include operations forecasting, unit commitment, day-ahead market, and MISO's Financial Transmission Rights market. He has had previous leadership roles responsible for Resource Adequacy and Outage Coordination. John has also served in various project management roles within MISO for new market product implementation and new member integration.

John has been employed with MISO for 15 years. Prior to MISO, he was an electrical engineer supporting power plants in the Midwest for an independent engineering firm. John has a B.S. in Electrical Engineering from Rose-Hulman Institute of Technology.



AUBREY JOHNSON, Vice President, System Planning & Competitive Transmission. Aubrey oversees all aspects of transmission planning and resource adequacy to meet MISO's future system needs. He is responsible for the planning process that yields the annual MISO Transmission Expansion Plan, including reliability and expansion planning, transmission cost allocation, resource utilization, interregional planning, and the competitive transmission developer selection and monitoring process.

Aubrey's background spans more than 25 years in the energy industry. Prior to joining MISO, he was Vice President of New Mexico Operations for Public Service Company of New Mexico. He has also held leadership positions at GE Energy Services and Southern Company. Aubrey earned his Bachelor of Science Mechanical Engineering Degree from Tuskegee University.

Aubrey is also very active in community activities including: Habitat for Humanity, Feed my Starving Children Volunteer, 2nd Harvest Heartland Volunteer, Albuquerque Public

Schools Foundation, Board of Directors, Leadership New Mexico 2014, March of Dimes, Volunteer Education, Alpha Phi Alpha Fraternity, Inc.



BRIAN KAUFFMAN is currently PJM Lead and Director of Regulatory Affairs for Enel North America, which he joined in 2018. Globally, Enel is the second largest power company globally by revenue (\$89B in 2019), and has over 49 GW of renewable installed capacity, over 170,000 EV charging points, and over 6 GW of managed flexible Distributed Energy Resource capacity.

Brian has been a leader in the PJM Interconnection stakeholder community for the last six years and active in regulatory issues before the Federal Energy Regulatory Commission. For the last three years, Brian has served as the Chair of the Advanced Energy Management Alliance (AEMA) Midatlantic Committee and serves as elected Sector Whip to the PJM Other Supplier Sector.

Previously, Brian has held several industry leadership roles including as founding Executive Director to the trade association, the Energy Efficiency Alliance, where he was active on matters at the Pennsylvania Public Utility Commission, Governor's office and state legislature and helped expand one of the nation's most robust utility energy efficiency programs. While at the Energy Efficiency Alliance, Brian served on Governor Tom Wolf's Environmental Transition Team.

Brian served on the Regulatory team for NRG Energy and started his career in corporate M&A and finance in New York on behalf of government, utility, and electric transportation clients. Brian, his wife Stacey and their two young children live in Lower Merion, outside of Philadelphia. Brian received his undergraduate degree in Political Science at Columbia University and Master's Degree in Energy Economics and Environmental Policy at Yale University School of the Environment.



LYNNE KIESLING is an economist focusing on regulation, market design, and the economics of digitization and smart grid technologies in the electricity industry. She is a Research Professor in the School of Engineering, Design and Computing at the University of Colorado-Denver, and Co-Director of the Institute for Regulatory Law & Economics. Lynne also provides advisory and analytical services as the President of Knowledge Problem LLC, and is an Adjunct Professor in the Masters of Science in Energy and Sustainability program at Northwestern University. In addition to her academic research, she is currently a member of the U.S. Department of Energy's Electricity Advisory Committee, has served as a member of the National Institute of Standards and Technology's Smart

Grid Advisory Committee, and is an emerita member of the GridWise Architecture Council. Her academic background includes a B.S. in Economics from Miami University (Ohio) and a Ph.D. in Economics from Northwestern University.



KEVIN LYNN works for the Department of Energy as the Director of Grid Modernization within the Energy Efficiency and Renewable Energy office. In that position, he coordinates all cross-organizational activities focused on resolving the technical, market, and regulatory challenges that limit the integration of renewable electricity generation technologies, electric vehicles, demand response, and other technologies into the grid in a safe, reliable, and cost effective manner. Kevin also co-leads the Grid Modernization Initiative which coordinates efforts across the Department and the national laboratories to develop

the tools and technologies needed to measure, analyze, predict, protect, and control the grid of the future.

Previously he worked for the Department of Energy as part of the SunShot Initiative, a national initiative to enable the widespread adoption of solar energy. There he was the Program Manager of the Systems Integration team supporting research in grid integration, PV system performance and reliability, and balance of system hardware. During that time he developed funding opportunities in grid integration, balance of system hardware, plug and play technologies, and solar forecasting.



JOSHUA C. MACEY specializes in environmental law, energy law, bankruptcy, and the regulation of financial institutions. His work has been featured in The Wall Street Journal and Bloomberg's Money Stuff, and has appeared or is forthcoming in the Stanford Law Review, the University of Pennsylvania Law Review, the Yale Law Journal, the Michigan Law Review, the Harvard Law Review, the Vanderbilt Law Review, and the Yale Journal on Regulation. His article *Zombie Energy Laws* (73 Vand. L. Rev.) received the 2020 Morrison Award for most impactful environmental law article of the previous year.

Macey graduated from Yale College, the London School of Economics, and Yale Law School. He has worked at Morgan Stanley and clerked for Judge J. Harvie Wilkinson III on the Court of Appeals for the Fourth Circuit.



ANN MCCABE was appointed to the Illinois Commerce Commission by Governor JB Pritzker effective February 1, 2022 to a five-year term. She previously served on the Commission from March 2012-January 2017.

Prior to returning to the ICC, for two years Ann led the US team at the Regulatory Assistance Project (RAP). She has over 25 years of energy and environmental policy and regulatory experience in the public, private and non-profit sectors.

In her prior term, Ann focused on grid modernization, power transformation, regional transmission, and nuclear issues. She was president of the Organization of PJM States, Inc. (OPSI) and of the MidAmerica Regulatory Conference (MARC) boards and chaired the Nuclear Issues Subcommittee of the National Association of Regulatory Utility Commissioners (NARUC).

Ann has master's degree in public policy from the University of Chicago's Harris School and a bachelor's in political science from Williams College.



PHILIP D. MOELLER is Executive Vice President, Business Operations Group and Regulatory Affairs at the Edison Electric Institute (EEI). EEI is the association that represents all of the nation's investor-owned electric companies.

Moeller has significant responsibility over a broad range of issues that affect the future structure of the electric power industry and new rules in evolving competitive markets. He has responsibility over the strategic areas of energy supply and finance, environment, energy delivery, energy services, federal and state regulatory issues, and international affairs. Prior to joining EEI in February 2016, Mr.

Moeller served as a Commissioner on the Federal Energy Regulatory Commission (FERC), ending his tenure as the second-longest serving member of the Commission.



KIMBERLY A. O'GUINN was appointed to the Arkansas Public Service Commission by Governor Asa Hutchinson in November of 2016. Commissioner O'Guinn serves on the boards of the Organization of MISO States (OMS) currently serving as Treasurer and the Entergy Regional State Committee. She previously served as a board member on the Southwest Power Pool's Regional State Committee (RSC). In addition to her state and regional obligations, Commissioner O'Guinn serves on the Executive Committee and Board of Directors of the National Association of Regulatory Utility Commissioners (NARUC) and is a member of NARUC's

Energy Resources and Environment Committee, International Relations Committee, and the Washington Action Program.

Commissioner O'Guinn is Co-Chair of the National Utilities Diversity Council, serves on the board of the Financial Research Institute, an advisory council member of New Mexico State University Center for Public Utilities and the Electric Power Research Institute Advisory Council. Commissioner O'Guinn is a member of American Association of Blacks in Energy, Arkansas Women in Power and the Women Foundation of Arkansas.

Prior to joining the Commission, Commissioner O'Guinn served as the Director of Communications for the Arkansas Department of Environmental Quality and a Permitting Engineer in the Office of Air Quality. Commissioner O'Guinn received a Bachelor of Science in Environmental Engineering from the University of Oklahoma.



MATTHEW SCHUERGER was appointed to the Minnesota Public Utilities Commission by Governor Mark Dayton, effective February 1, 2016.

Commissioner Schuerger serves on the Board of Directors of the National Association of Regulatory Commissioners (NARUC) and is the Chair of the NARUC Committee on Electricity. He has been elected to the Member Representatives Committee of the North American Electric Reliability Corporation (NERC) where he represents state government interests in maintaining reliability of the electric grid and he serves on the NERC

Reliability Issues Steering Committee, which provides strategic leadership and advice to the NERC Board of Trustees to prioritize key reliability risks and propose solutions to manage those risks. Schuerger is a member of the Electric Power Research Institute (EPRI) Advisory Council and Executive Committee. In addition, Commissioner Schuerger represented Minnesota on the Organization of MISO States Board of Directors (OMS BOD) from 2016 through 2021; he was elected and served as President of the OMS BOD in 2020; and during his tenure he served as the liaison to the OMS BOD on Resource Adequacy and Energy Markets (2021), Distributed Energy Resources (2020), and Transmission Planning (2018-2019).

Commissioner Schuerger has thirty-five years of experience in the energy industry as a regulator, senior manager, and professional engineer, including work focused on power system planning and reliability, energy markets, distributed energy resources, and grid integration of renewable energy. From 2001 until he was named to the Commission, Schuerger was the President of an engineering and management consulting firm. Prior to that, he was the Executive Vice President of District Energy St. Paul Inc., a privately held provider of district heating, district cooling, and cogenerated electricity.

Schuerger earned a Master of Science in Electrical Engineering from the University of Minnesota, a Master of Business Administration from the University of St. Thomas, and a Bachelor of Science in Mechanical Engineering from Purdue University.



KATIE SIEBEN has served as a Minnesota Public Utility Commissioner since January of 2017. In April, 2019, she was appointed to serve as Chair of the Minnesota Public Utilities Commission by Governor Tim Walz and Lt. Governor Peggy Flanagan. Commissioner Sieben is a member of the National Association of Regulatory Utility Commissioners (NARUC) where she serves on the Committee on Energy Resources and the Environment, the Subcommittee on Nuclear Issues— Waste Disposal and the Washington Action Committee. Sieben also serves as the Vice President of the Mid-America Regulatory Conference (MARC) and is the Commission's representative

and serves as Chair on the Executive Committee of the Nuclear Waste Strategy Coalition (NWSC).

Sieben previously served as a Minnesota legislator, representing a district southeast of the Twin Cities and along the Mississippi River. In her fourteen years in the House and Senate, Sieben championed causes related to the environment, public education and infrastructure. She served as the Assistant Majority Leader and chaired the Election committee.

Commissioner Sieben has taught as a community faculty member and adjunct professor at Metropolitan State University's Masters in Advocacy and Public Leadership Program. She earned her B.A. from Colorado College, was a Policy Fellow at the Hubert H. Humphrey Institute of Public Affairs at the University of Minnesota, and earned a Masters degree in Public Administration from the Harvard Kennedy School.



BETH SOHOLT As Executive Director of Clean Grid Alliance, Beth Soholt brings more than 20 years experience working with the electric industry in various capacities. At CGA she directs work in the areas of technical/transmission planning, state regulatory proceedings, legislative education and outreach. She holds a seat on the Midcontinent Independent System Operator (MISO) Advisory Committee representing the Environmental Sector. She was also selected as one of three NGO representatives on the Stakeholder Steering Committee of the Eastern Interconnection Planning Collaborative.

Beth holds a law degree from Hamline University Law School, St. Paul, Minnesota, and a Bachelor of Arts degree from Luther College, Decorah, Iowa.



M. BETH TROMBOLD was appointed to the Public Utilities Commission of Ohio (PUCO) by Governor John Kasich in 2013 and reappointed to a second term in 2018.

Commissioner Trombold serves as vice-chair of the PUCO, and among other work, has focused extensively on grid modernization and regional electric transmission issues.

Prior to her appointment, Trombold served as assistant director of the Ohio Department of Development. A long time public servant, she also served in a variety of roles within the PUCO, including director of Economic Development and Public Affairs. During her career, Commissioner Trombold led legislative efforts on many important utility issues including electric restructuring, natural gas choice, and telecommunications reform.



JULIE VOECK is Senior Director, Legislative and Regulatory Affairs at NextEra Energy Resources. In this role Julie is responsible for directing state regulatory and legislative affairs in the upper Midwest. NextEra is the world's largest owner and operator of renewable energy resources.

In this role, Julie is responsible for establishing and maintaining relationships with state officials, legislators and regulators. She manages relationships with industry advocacy groups and develops alliances with other organizations with interests in energy and electric markets. She also collaborates across company business units to identify, develop and advocate for policy goals to advance and deploy clean energy.

Julie served as Chair of Clean Grid Alliance (formerly Wind on the Wires), a non-profit organization to advance renewable energy in the Midwest. Julie currently serves as Vice-Chair of the American Clean Power (ACP) Central Region State Affairs Committee. Julie also served as chair of the MISO Planning Advisory Committee (PAC). Prior to joining NextEra, Julie held positions where she was responsible to develop and advocate for state and regional energy policy, electric market design and electric transmission pricing policy. Julie's experience also includes power plant engineering, generation planning, energy marketing, cogeneration services and retail energy marketing.

Julie holds a bachelor's degree in mechanical engineering from the University of Wisconsin – Madison and a master's degree in business administration from the University of Wisconsin – Milwaukee.



SIMON WHITELOCKE is Vice President, ITC Holdings Corp. and President, ITC Michigan, which includes the responsibility for both ITC Transmission and METC operating companies. Prior to this role, he was Vice President and Chief Compliance Officer for ITC Holdings Corp. where he was responsible for the corporate compliance functions of the company. Mr. Whitelocke also served in other roles responsible for regulatory affairs, external affairs, and internal audit functions.

Prior to joining ITC, he worked at an energy utility company and in public accounting. Mr. Whitelocke earned a Bachelor of Commerce in accounting from the University of Toronto and a Master of Business Administration in finance and management from Michigan State University.

Mr. Whitelocke serves on the boards of the Michigan Chamber of Commerce, Detroit Public Television, Ann Arbor SPARK, and the Legacy Land Conservancy. He is currently Board Chair for ReliabilityFirst Corporation and Food Gatherers.



CARRIE ZALEWSKI is a utility regulator, attorney, and trained engineer with over 15 years of experience in environmental and energy regulation with an extensive background in public utility regulation, environmental policy and compliance, wholesale power issues and policy, and corporate governance. Chairman Zalewski is a member of the National Association of Regulatory Utility Commissioners' (NARUC) serving on the Electricity Committee, the Committee on Regulatory and Industry Diversity and Chairs NARUC's new Commission Chair Council. Carrie also serves on the Board of Directors for the Organization of MISO States.