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**10<sup>th</sup> Annual Transmission Summit**  
**Big Grid vs. Little Grid**  
**November 18**  
**Speaker Biographies**

*Leading thinkers and policymakers will discuss how the increasing deployment of technology will change the needs of the Bulk Electric System. What will be the appropriate balance between the “big” and “little” grids? How will regulation at the federal and state level shape future developments at the transmission and distribution-level in order to benefit customers.*

**Keynote Speaker: Dr. Peter Fox-Penner, Founder and Director, Boston University Institute for Sustainable Energy and Professor of Practice, Questrom School of Business, Boston University**

Dr. Fox-Penner is Founder and Director of the Boston University Institute for Sustainable Energy and Professor of Practice at the Questrom School of Business, where he co-directs the Impact Measurement and Allocation Program (IMAP) of research in sustainable finance. In addition, he is a Partner and Chief Strategy Officer of Energy Impact Partners, one of the largest dedicated clean energy private equity fund groups in the world and an academic advisor to The Brattle Group. He is on the global leadership council of the World Resources Institute and on the advisory boards of Mobility Impact Partners, the National Regulatory Research Institute’s Training Initiative, and PEACE. He is also affiliated with the Energy Futures Initiative. He formerly served as a senior official at the U.S. Department of Energy and the White House Office of Science and Technology Policy. Prior to BU, he served for over two decades as principal and chairman of The Brattle Group, an economic consulting firm.

Dr. Fox-Penner is a frequent speaker on energy topics and the author of numerous published articles and books, including the highly acclaimed *Smart Power: Climate Change, the Smart Grid, and the Future of Electric Utilities* (Island Press, 2010) and its sequel *Power After Carbon: Building a Clean, Resilient Grid* (Harvard University Press, 2020). His research has been widely cited, including in one Supreme Court decision.

**Moderator: Marcus Hawkins, Executive Director, Organization of MISO States**

Marcus Hawkins was promoted to Executive Director of the Organization of MISO States effective January 1, 2019, after serving as Director of Member Services & Advocacy since September 2016. Prior to OMS, he was a Senior Engineer in the Division of Regional Energy Markets at the Public Service Commission of Wisconsin. He has additional power market experience from working as an Analyst at PA Consulting Group. Marcus received a BS degree in Nuclear Engineering and a MS in Mechanical Engineering from the University of Wisconsin – Madison. He also earned certificates in Technical Communication and Energy Analysis & Policy while at UW.

### **Commissioner Arthur D'Andrea, Public Utility Commission of Texas**

Arthur D'Andrea was appointed by Governor Greg Abbott to serve as a commissioner on the Public Utility Commission of Texas on November 14, 2017, for a term set to expire on September 1, 2023. Before his appointment, Commissioner D'Andrea served as Assistant General Counsel to Governor Abbott. His career has been primarily focused on the law, including his role as Assistant Solicitor General in the Texas Attorney General's office where he served as lead appellate counsel in matters including constitutional challenges to state statutes, public-utilities regulation, antitrust, tax disputes, insurance regulation, regulatory takings, and petitions for writ of habeas corpus. There he argued thirteen cases in the Second and Fifth Circuits, the Texas Supreme Court, and in the intermediate state courts of appeals.

Prior to joining the Attorney General's team, Arthur worked in the Supreme Court and Appellate Litigation Practice Group for a private law firm where he represented clients before the United States Supreme Court and in federal and state courts of appeals nationwide in matters including white-collar criminal prosecutions, international-trade disputes, patent infringement, trademark disputes, bankruptcy, international arbitration, and securities litigation.

### **Commissioner Sarah Freeman, Indiana Utility Regulatory Commission**

Sarah Freeman was appointed by Governor Mike Pence as Commissioner on September 19, 2016 and was reappointed by Governor Eric Holcomb on December 29, 2017. Commissioner Freeman chairs NARUC's Subcommittee Education and Research and is a member of the NARUC Committee on Critical Infrastructure and Committee on Telecommunications. Commissioner Freeman is a member of the Board of Directors for the Organization of MISO States (OMS) and for the Universal Service Administrative Company as well as the Advisory Board for the Financial Research Institute at the University of Missouri. She previously represented the Commission on the Board of Directors for the Organization of PJM States (PJM).

Prior to her appointment, Commissioner Freeman served as a senior staff attorney with the nonpartisan Indiana Legislative Services Agency for 16 years, where she drafted utility and transportation legislation and served as counsel to numerous legislative committees. In addition, Commissioner Freeman was a member of the Executive Committee of the National Conference of State Legislatures (NCSL) and the NCSL Task Force on Cybersecurity.

### **Chairman Ted Thomas, Arkansas Public Service Commission**

Ted Thomas of Conway was appointed chairman of the Arkansas Public Service Commission by Governor Asa Hutchinson in January 2015. Ted Thomas has served as Chief Deputy Prosecuting Attorney for the 20th Judicial District, Administrative Law Judge at the Public Service Commission, Budget Director for Governor Mike Huckabee and in the Arkansas House of Representatives, where he served as Chairman of the State Agencies and Governmental Affairs Committee during his final term.

Ted Thomas received a Bachelor of Arts with High Honors in Political Science from the University of Arkansas in 1986 and a Juris Doctorate from the University Of Arkansas School Of Law in 1988. He is licensed to practice law before the United States Supreme Court, the Arkansas Supreme Court, the United States Courts of Appeal for the District of Columbia Circuit and the Eighth Circuit and the United States District Courts for the Eastern and Western Districts of Arkansas.

**Chairperson Becky Valcq, Public Service Commission of Wisconsin**

Rebecca Cameron Valcq was appointed by Governor Tony Evers as Commissioner at the Public Service Commission of Wisconsin for a six-year term beginning on January 7, 2019. Governor Evers also appointed her as Commission Chairperson for a two-year term effective March 2, 2019. Prior to her appointments, Becky was a partner at Quarles & Brady Law Firm in the energy, environment and natural resources practice group. Previous to that position, she was regulatory counsel for Wisconsin Electric Power Company where she advised management on all areas of regulatory law in multiple jurisdictions as well as compliance matters.

She is a member of the National Association of Regulatory Utility Commissioners and serves on the Committee on Water, and the Subcommittee on Supplier and Workforce Diversity. She serves on the board of directors for the Organization of MISO States. Becky earned her undergraduate degree from Drake University and her law degree from Marquette University.