

11.28.17 Energy Roundtable in the PJM Footprint Speaker Biographies



Commissioner Robert F. Powelson was nominated by President Trump to be a member of the Federal Energy Regulatory Commission on May 8, 2017. He took the oath of office and became a FERC Commissioner on August 10, 2017.

Prior to joining FERC, Robert spent nine years as a Commissioner at the Pennsylvania Public Utility Commission (PA PUC), serving as Chairman from 2010 to 2014. He served as President of the National Association of Regulatory Utility Commissioners (NARUC) from 2016-2017. Before becoming a state utility commissioner, Robert was the President and CEO of the Chester County Chamber of Business & Industry in Malvern, PA. Robert graduated from St. Joseph's and earned a Master's Degree in Governmental Administration from Penn--receiving the Leadership for Results Award in 2004.

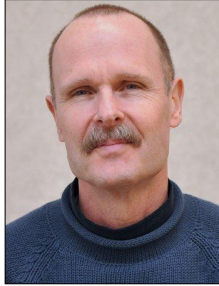


Alison Silverstein is a consultant, strategist and writer on electric transmission and reliability, energy efficiency, smart grid, renewable energy, and technology adoption. She serves as Project Manager for the North American Synchrophasor Initiative (a collaboration between U.S. Department of Energy and the electric industry) and advises private and governmental clients on energy issues. Notable recent work includes organizing and writing DOE's August 2017 "Staff Report on Grid Reliability and Markets", and leading the independent expert panel whose report led to transformation of Bonneville Power Administration's transmission planning process. She also facilitated the multi-stakeholder Reliability Standards Working Group in Hawaii.

Alison previously served as Senior Energy Policy Advisor at FERC. She has worked variously for PG&E Co., ICF Inc., the Environmental Law Institute, and the U.S. Department of Interior. She holds a BA in Economics from the Johns Hopkins University, an MSE in Systems Analysis from Johns Hopkins, and an MBA from Stanford.



Frederick S. "Stu" Bresler is Senior Vice President of Markets at PJM Interconnection, where he is responsible for all aspects of PJM's market operations, including the Capacity Market, the Day ahead and Real-Time Energy Markets, Demand Response, the Ancillary Service markets, the Financial Transmission Rights Markets, the market efficiency component of the Regional Transmission Expansion Planning process, and the development and support of the technical systems utilized in markets and operations. He is also responsible for the continued evolution of PJM's markets, including the integration of renewable resources, and the development of analytics around their performance. Stu holds a BS in Electrical Engineering and an MBA, both from Penn State, and is a licensed professional engineer in the state of Pennsylvania.



Dr. Joseph Bowring is President of Monitoring Analytics. Since 1999, Joe has been the Independent Market Monitor for PJM, responsible for all market monitoring activities of PJM Interconnection. He has extensive experience in applied energy and regulatory economics. Joe has taught economics as a member of the faculty at Bucknell University and Villanova University. He has served as senior staff economist for the New Jersey Board of Public Utilities and as Chief Economist for the New Jersey Department of the Public Advocate's Division of Rate Counsel. Joe has also worked as an independent consulting economist. He holds a PhD in Economics from the University of Massachusetts.



Ralph Izzo is Chairman, President and CEO of Public Service Enterprise Group, Inc., serving in these roles since 2007. He has held numerous other executive positions at PSEG, including President and CEO.

Ralph frequently testifies before Congress and speaks publicly on matters pertaining to national energy policy. His career began as a research scientist at the Princeton Plasma Physics Laboratory, performing numerical simulations of fusion energy experiments. He has published or presented over 35 papers on magnetohydrodynamic modeling. He is on the board of directors for the New Jersey Chamber of Commerce, the Edison Electric Institute (EEI), and the Nuclear Energy Institute (NEI).

Ralph earned his BS and MS degrees in Mechanical Engineering and his PhD in Applied Physics from Columbia. He also holds an MBA from Rutgers.



Donald F. Santa is President and CEO of the Interstate Natural Gas Association of America (INGAA), the North American association representing the interstate and interprovincial natural gas pipeline industry. Prior to joining INGAA, he was a partner at the law firm Troutman Sanders LLP. He previously served as Deputy General Counsel and Senior Vice President for strategic planning at LG&E Energy Corp.

Don was a Commissioner at FERC in the mid-1990s, where he worked on major initiatives including Order No. 888 (open access rule for electric transmission) and implementation of Order No. 636 (the rule restructuring natural gas pipeline services). Before his appointment to FERC, he served as majority counsel to the U.S. Senate Committee on Energy and Natural Resources. He is a graduate of Columbia Law School and Duke University.



Richard Kruse is Vice President of Regulatory and FERC Chief Compliance Officer for Spectra Energy's U.S. transmission business. He is responsible for the development and management of Spectra's regulatory strategy and action with FERC and directs the pipeline group's position in the state proceedings in each of the states served by Spectra's pipelines. He is also responsible for managing the company's involvement in the North American Energy Standards Board and serves on the NAESB Board of Directors.

Richard began his career at Texas Eastern Transmission. He later served in a variety of executive roles at the company, including Deputy General Counsel of Regulatory Operations, Vice President, and General Counsel. He served as Associate General Counsel for PanEnergy Corp, and became Vice President and General Counsel of Gas Operations for Duke Energy. Prior to the spin-off of Spectra Energy from Duke Energy, he was Vice President of Rates and Regulatory Affairs for Duke Energy Gas Transmission. Richard received a BS in Economics from Texas Tech and a law degree from the University of Houston.



Dr. Jonathan Raab, convener and moderator of the Energy Policy Roundtable in the PJM Footprint, has also been running the New England Electricity Restructuring Roundtable since 1996. A national leader in applying consensus building processes to energy, environmental, and regulatory issues. He is the author of *Using Consensus Building to Improve Utility Regulation*. Some of his major cases include: The Regional Greenhouse Gas Initiative (RGGI); the New England Demand Response Initiative (NEDRI); greenhouse gas, energy efficiency, and renewable energy related stakeholder processes for many states and cities; the energy plan for Tennessee; market rules for Alberta; and Grid Modernization in Massachusetts, New Hampshire and Rhode Island. He has also run stakeholder processes for U.S. DOE, U.S Fish & Wildlife, and U.S. EPA.

Prior to establishing Raab Associates, Jonathan was the Assistant Director of the Electric Power Division at the Massachusetts Department of Public Utilities. He holds a Ph.D. from MIT, and an M.S. and A.B. from Stanford. Jonathan has taught courses at the University of Oregon, Stanford, UMass (Boston) and the Energy Policy for a Sustainable Future course at MIT for five years.