



Candidate Profiles

Cristin Lyons

**Partner and Energy Practice Leader
ScottMadden, Inc.**

Cristin Lyons is a partner with ScottMadden and leads the firm's energy practice. Since joining the firm in 1999, Cristin has consulted with myriad clients on issues ranging from process and organizational redesign to merger integration to project and program management. The vast majority of her consulting career has been spent working with electric utilities in transmission and distribution. In recent years, this work has expanded to include the operational and regulatory aspects of the integration of distributed energy resources. Cristin led the firm's grid transformation practice for three years before becoming the energy practice lead. She is a frequent speaker and panelist at conferences across the country. Cristin earned a B.A. in political science and Spanish from Gettysburg College and an M.B.A. from the Cox School of Business at Southern Methodist University. She is also a member of Phi Beta Kappa.

Mark Ahlstrom

**VP, Renewable Energy Policy
NextEra Energy Resources**

Mark Ahlstrom is Vice President of Renewable Energy Policy for NextEra Energy Resources and NextEra Analytics (formerly known as WindLogics), NextEra's subsidiary that focuses on advanced energy analytics, science, software and systems. Mark is actively involved in many activities across North America to support the economic and reliable use of higher levels of clean energy. He is currently on NERC's Reliability Issues Steering Committee and has actively participated in numerous integration studies, reviews, panels and presentations related to the reliable integration of variable generation into power systems and electricity markets. A biochemistry and engineering graduate of the University of Wisconsin-Madison, Mark is a senior member of the IEEE Power & Energy Society and a member of CIGRE and the American Meteorological Society. Before joining WindLogics in 2000 and devoting himself to energy systems, he was founder of two software companies. Early in his career he worked on artificial intelligence research at the Honeywell Computer Sciences Center. Mark was elected to the board in 2015 and has chaired the Marketing Committee since that time. He has been President of the Board since December 2016.

Tracey Kutney
Senior Technical Advisor, Renewable and Electrical Energy Division
Natural Resources Canada

Tracey Kutney has 15 years of experience in the renewable energy sector. At Natural Resources Canada, she contributes to the development of policy and national renewable energy programs that help to reduce emissions while modernizing the electricity system. Specifically, Tracey led the development of the Smart Grid program, and contributed to the design and development of the Emerging Renewables and Reducing Diesel in Remote Communities programs. Tracey is currently serving on the management committee for the North American Renewable Integration Study (NARIS) alongside delegates from the US and Mexico. Prior to this, Tracey led the Marine Energy Technology team and was the Canadian delegate on the International Energy Agency (IEA) Ocean Energy Systems Executive Committee, IEA Wind, and contributed to the development of International Electrotechnical Commission (IEC) standards for tidal resource and site characterization.

Before joining the federal government, Tracey worked at Garrad Hassan (now DNV GL) and conducted technical analyses for approximately 800 MW of wind energy projects in Canada, led environmental impact due-diligence reviews, taught courses on wind farm design, managed multiple environmental assessments, coordinated marine energy services, and was on the Marine Renewables Canada Board of Directors.

Tracey is a licensed Professional Engineer with a B.A.Sc in Mechanical Engineering from the University of Waterloo.

Kenneth McIntyre
Executive Director System and Operations Integration
Midcontinent Independent System Operator (MISO)

Kenneth McIntyre assumed the role of Executive Director at the Midcontinent Independent System Operator (MISO) August 2019. At MISO, one of Mr. McIntyre's roles is executive sponsor for MISO's 'Operations of the Future'. This effort will develop the people, process and tools required to reliably and securely operate the grid and market amidst the anticipated rapid adoption of technologies and other industry changes. Mr. McIntyre joins MISO following his success as vice president and director of Standards and Compliance at the North American Electric Reliability Corporation (NERC). At NERC, Mr. McIntyre was an influential and collaborative industry leader for the Electric Reliability Organization (ERO) most notably for establishing consistent compliance practices and alignment across the Regions, the standards efficiency review of the NERC Reliability Standards to eliminate unnecessary requirements, and the establishment of a consistent entity registration program.

Mr. McIntyre joined NERC following an extensive power engineering career in Australia at Powerlink Queensland and in Texas at the Electric Reliability Council of Texas (ERCOT) where he served in several key roles. Notably, he served as the vice president of Grid Planning and Operations, overseeing ERCOT's grid transmission planning, generation resource adequacy, and real-time grid operation activities. Mr. McIntyre was a key player in technical development and deployment of the Texas Nodal Market Systems, implementation of an enterprise regulatory

compliance program, and the successful integration of new resource technologies into the ERCOT grid.

He has 25 years of direct experience in the power industry and energy sector as a grid operator, planning and design engineer, consultant, regulator and executive. He has been a member and chair of various industry leadership and regulatory committees, such as the NERC Operating Committee, NERC Compliance and Certification Committee, and the NERC Essential Reliability Services Task Force, as well as a current board member of the North American Energy Standards Board (NAESB).

Mr. McIntyre earned a bachelor's degree in Electrical/Electronic Engineering from the University of Southern Queensland and a master's degree in Business from Charles Sturt University.

Obadiah Bartholomy

**Manager, Distributed Energy Strategy
Sacramento Municipal Utility District**

Obadiah Bartholomy is the Manager of Distributed Energy Strategy at SMUD. His team is responsible for developing enterprise strategy for electric vehicles, building decarbonization, distributed solar and storage and load flexibility. Obadiah has worked in research and strategy roles at SMUD for the past 17 years, focusing on climate policy and strategy, solar and DERs. He has a BS in Mechanical Engineering from Cal Poly, San Luis Obispo, and an MS from UC Davis in Transportation Technology and Policy. He is a registered Professional Engineer in California.

Rashid Abdul

**Head of Renewable Energy
WEG Transformer USA**

Rashid Abdul has over 40 years of experience in the Electrical Generation, Transmission and Distribution Industry. During his career he has worked in USA for Global companies including Raytheon Engineers and Constructors [RE&C], Mitsubishi Heavy Industry [MHI], Gamesa Energy, CG Power USA which is now part of WEG Transformer USA. Rashid has participated in UWIG activities since the late 1990s while working for MHI wind Turbines. For the last 20 years he has been active in products and services of Renewable Energy deployment in North America, Europe, Asia and Australia.

Rashid is a past AWEA Board member holding positions as Chair of transmission followed by Chair of Legislative committees. Rashid currently serves on the ESIG Board and is active in its Marketing and membership committee.

Rashid is a licensed professional Engineer in multiple States. He holds a Bachelor of Science in Electrical Engineering, Master of Science in Electrical Engineering, and Master of Science in Engineering Management all from Drexel University in Philadelphia Pa. He has been a resident in Pennsylvania since 1973.