2022 Power Markets Conference Speakers

Monday, December 5, 2022

Keynote Speaker

Spencer Glendon

Spencer Glendon is working to make the consequences of climate change more vivid, intuitive, and useful. Collaborating with scientists, designers, technologists, and other concerned generalists like him, he founded Probable Futures, a non-profit initiative that aims to change how we think about, talk about, and plan for the future of our society and our planet. Probable Futures offers frameworks, tools, and storytelling to help people understand, prepare for, and choose between the futures that the climate offers us. The online platform currently provides educational materials about the workings of Earth's systems and climate models as well as local and global projections of heat, cold, precipitation, drought, wildfire, and shifting climate zones. All Probable Futures materials are free to anyone in the world. Spencer is also a pro bono consultant to many institutions including McKinsey and the Woodwell Climate Research Center. He has worked in Michigan, Chicago, Germany, Russia, China, and Boston. For many years he conducted and directed research at Wellington Management. He holds a BS in Industrial Engineering and a PhD in Economics.

Overview of the Future Grid Reliability Study

Steven Judd

Steven Judd is the Supervisor of the Economic and Environmental Planning group in the System Planning department of ISO New England. He is a registered Professional Engineer in the state of Massachusetts. Steven received his BS and MS in Electrical Engineering with a focus in power systems from the University of Illinois Urbana-Champaign. He also received his MBA from Western New England University and is a Senior Member of the IEEE.

He started his career in long-term transmission planning with the ISO, then served as a senior engineer and project manager for Burns & McDonnell before coming back to the ISO in 2017. His current role consists of leading a group performing long-range economic studies of the New England power system, representing the ISO in industry planning organizations, and working on special projects for the planning group such as study automation using cloud computing.

Panel I: Can Markets Get Us More Reliable?

Rosendo Garza, Jr. (Moderator)

Rosendo handles energy matters, including regulatory, compliance and transactional matters. He represents clients in proceedings before the Federal Energy Regulatory Commission, the Department of Energy, and federal courts. Also, Rosendo is a member of the team of lawyers serving as general counsel to the New England Power Pool (NEPOOL), a regional utility consortium engaged in the wholesale markets for electrical power. In this role, Rosendo represents NEPOOL before the FERC and regularly provides counsel related to the design and operation of the region's wholesale electric markets.

Prior to working in the Energy and Utilities practice group, Rosendo worked as a litigator assisting companies defending claims alleging unfair trade practices, breach of contract, fraud and misrepresentation, breach of fiduciary duty, negligence and violation of the Connecticut Product Liability Act.

Rosendo is passionate about pro bono work. To continue working with service members, he represents military veterans in landlord-tenant disputes, as a well as helping clients with discharge upgrades. Also, Rosendo successfully represented a pro bono client in an appeal before the Second Circuit related to his constitutional right to be free from cruel and unusual punishment, where the appellate court reversed the district court's grant of summary judgement.

After law school, Rosendo served as a law clerk for the Honorable Alexandra D. DiPentima, then-Chief Judge of the Connecticut Appellate Court. In addition, he is an infantry officer in the United States Marine Corps Reserve and holds the rank of lieutenant colonel, having previously served three tours of duty in Iraq and one in Afghanistan. He is fluent in Spanish and an avid runner.

Ben Griffiths

Ben Griffiths is the Director of New England Regulatory Policy at LS Power where he leads the firm's market policy and regulatory affairs for that region. Mr. Griffiths has extensive experience providing qualitative and quantitative analysis of wholesale market design. Prior to joining LS Power in 2021, he worked for the Massachusetts Attorney General and Resource Insight, Inc., where he worked on NEPOOL/ISO-NE market policy, resource planning, and rate design. He has testified before state and federal regulators and authored or co-authored reports, whitepapers, and a peer-reviewed journal article on various electricity-related topics. He holds an M.S. in Energy & Earth Resources from the University of Texas at Austin and a B.A. in Classics from Boston University.

William Hogan

William W. Hogan, Raymond Plank Research Professor of Global Energy Policy, is research director of the Harvard Electricity Policy Group (HEPG), which examines alternative strategies for a more competitive electricity market. Hogan has been a member of the faculty of Stanford University where he founded the Energy Modeling Forum (EMF), and he is a past president of the International Association for Energy Economics (IAEE). Current research focuses on major energy industry restructuring, network pricing and access issues, market design, and energy policy in nations worldwide. Hogan received his undergraduate degree from the U.S. Air Force Academy and his PhD from UCLA. Selected papers are available on his Web site, *www.whogan.com.*

Sheila Keane

Sheila Keane joined NESCOE in 2021 as Director of Analysis. Previously, she worked for the Massachusetts Department of Public Utilities, where she held a variety of roles, including Director of Regional and Federal Affairs. Earlier, Sheila worked in the private sector with a consulting firm, London Economics International. Sheila is a graduate of Harvard University and holds a master's degree in economics from Johns Hopkins SAIS.

David Patton

Dr. David B. Patton is President of Potomac Economics and has nearly 30 years of experience as an energy economist providing expert advice, analysis and testimony to clients in the electricity and natural gas industries. Dr. Patton's areas of expertise include market design and monitoring, merger and other market power analysis, transmission pricing, asset valuation, and congestion management.

Panel II: Hedging the Near-and-Mid-Future Costs of Electricity

Molly Connors (Moderator)

Molly Connors is Policy Analyst-Manager at the New England Power Generators Association, the trade association that represents more than 90 percent of the region's electricity generation capacity. Prior to joining NEPGA in March 2022, she was a member of the External Affairs team at ISO New England, the independent, not-for-profit corporation responsible the reliable operation of the regional electric grid. In her six years at the ISO, she tracked public policies that could affect the region's electric grid and supported a variety of communications and legislative outreach efforts in New England.

From 2013 to 2016, she worked in New Hampshire government, as an energy advisor to then-Governor Maggie Hassan and as an analyst in the state's energy office.

A former journalist, Molly holds a BA and MS from Boston University and an MBA from Bentley University. When she isn't working or repairing something in her 150-year-old farmhouse, she enjoys walks with her rescue terrier, Boudicca Ruthee.

Dan Allegretti

Prior to joining Sigma, Dan served as a Vice President in the State Government Affairs group at Exelon Corp. and affiliated company Constellation Energy. At Exelon Dan was responsible for the Company's relationship with state and provincial governments across the northeastern United States and Canada. Dan has over twenty-five years of experience in the electric power industry and during his career he has directed teams of internal and external professionals to shape public policy, laws and regulations. A recognized industry leader, Dan is frequently called upon to give testimony as an expert witness before various state legislative and regulatory bodies and to present as a speaker before numerous organizations. At the federal level, he served as Constellation Energy's Director of Wholesale Energy Policy and participated in a variety of proceedings before the Federal Energy Regulatory Commission. Dan is also a recognized leader with regard to several of the nation's regional transmission

organizations, particularly New England where he served two terms as the elected Chair of the New England Power Pool.

Other industry leadership positions Dan has occupied include Board seats on the Northeast Power Coordinating Council, the Independent Power Producers of New York, the New England Power Generators Association, the Retail Energy Supply Association, the Northeast Energy and Commerce Association, the Electric Power Generators Association of Pennsylvania and the Electricity Markets Investment Group of Ontario, as well as being a Member Representative on the New York ISO Management Committee, serving on the Ontario IMO Markets Advisory Council and being named by Governor John Baldacci in 2007 to serve on the Maine Energy Council. In 2017 Dan was recognized by the Northeast Energy and Commerce Association with its Vanguard Award for his career contributions in support of competitive energy markets. Dan has also worked as an Independent transmission project developer with Anbaric Northeast Transmission Development Corp. and as a practicing attorney in New Hampshire. Dan holds a J.D. from Georgetown University and a B.A. from Colby College and currently resides with his family in Bow, New Hampshire.

James Rouland
Jim is the Manager of Regulatory Policy for PPL Services, supporting both Rhode Island Energy (RI) and PPL Electric Utilities Corporation (PA) operations. He completed his undergraduate degree in 2005 with a B.S. in Environmental Science and a B.A. in Environmental Policy from Albright College in Reading, Pennsylvania. He went on to obtain his M.B.A. from University of Phoenix in 2008. Jim has over 17 years of electric sector experience in various capacities within PPL's umbrella of companies. He began his career as a Lead Environmental Auditor, then moved to PPL's Development Company as a Senior Climate Change Professional. In 2009, he took an opportunity with PPL Electric Utilities as a Senior Business Operations Analyst, supporting the Company's Default Service Procurement Plans. He later advanced to become Supervisor of that team, and soon after incorporated the PJM market Settlement and Scheduling team into his team. In 2018, Jim became the Regulatory Policy Manager for PPL Services, continuing to manage Default Service programs, but also managing PPL Electric's regulatory policy, strategy and analysis activities from electric vehicles and renewable energy to retail competition and alternative ratemaking. With PPL Corporation's acquisition of Narragansett Energy in June 2022, Jim expanded is functional area to include Rhode Island's Last Resort Service, Renewable Energy Credit management, the Renewable Energy Growth Program and Long-term Clean Energy Contracts.

Heather Takle

Heather Takle is an industry veteran and leader in the advanced energy sector. Heather Takle is President and CEO of PowerOptions, a nonprofit energy-buying consortium which provides cost savings to more than 450 nonprofits and municipalities in Connecticut, Massachusetts and Rhode Island. Throughout her career in the advanced energy sector, she has sought to help organizations develop and offer holistic energy solutions that help reduce energy costs while providing more sustainable and reliable energy. Working across strategic planning and operational roles, she has helped organizations, small to large, for-profit to government, build strategies for growth and execute for success. Her cross-cutting experience across the advanced energy sector includes cutting-edge technologies, including solar, energy storage, microgrids, other distributed generation, energy management systems, and demand management.

Most recently, Takle was CEO of 2ndPath Energy, a firm she started to serve companies in the advanced energy sector with strategy and development. As Vice President of Energy Services at Patriot Energy Group, she developed a portfolio of clean energy product offerings and also managed all of the back-office operations. Prior to Patriot, she guided strategic planning, new business development and led all merger and acquisitions as Director of Corporate Development at Ameresco. As a Principal Consultant at the Parthenon Group, Heather helped clients solve their toughest strategic problems using data-based analysis, including work in sustainability and renewable energy where she began her career in the sector.

A grateful veteran and consummate supporter of transitioning veterans to clean energy careers, Heather was selected as a Fellow for the Atlantic Council's Veterans' Advanced Energy Program. She served as a Captain and Logistics Officer in the U.S. Marine Corps where she deployed for Operation Enduring Freedom and supported the start-up of the Department of Homeland Security as the Anti-Terrorism Officer for Marine Corps Base Quantico. She earned a BS from Boston University, an MBA from Harvard Business School and completed the Climate Change and Energy Policy program at Harvard Kennedy School.

When not in the office, Heather enjoys a good bike ride with the family, eating Latin food, exploring the world through international travel, and serving those in extreme poverty around the world through her volunteer work.

Panel III: Blurring of Wholesale and Retail Lines

Julia Frayer (Moderator)
Julia Frayer is a Managing Director at London Economics International LLC ("LEI") with more than 20 years of experience providing expert insights and consulting services in the power and infrastructure industries. She has worked extensively in the US, Canada, Europe, and Asia on a range of issues in the electricity sector, including wholesale market analysis (to support policy analysis, investment and commercial strategy, resource planning, M&A due diligence, and wholesale market design). Julia also has experience with regulatory matters in the electricity sector, including expertise on tariff design, performance-based ratemaking, and market power regulation.

Julia is currently advising clients on various wholesale market design issues in several US markets, including feasible options for merging realities of the power grid with advent of new technologies and growing policy mandates for decarbonization. Julia is leading the modeling group at LEI in assessing the various state and local policy initiatives with respect to decarbonization and clean energy regulation of the electricity sector. This work involves a multi-disciplinary approach and in-depth understanding of wholesale market dynamics, system operations, demand forecasting (to account for changing consumer behavior and electrification trends in other sectors of the economy), regulatory economics (including views on rate mechanisms that can align with consumers' willingness to pay for electricity and consideration of the reliability attributes) and appreciation for various utility-scale generation resources, consumer-oriented DERs, and energy storage technologies.

Greg Geller
As Head of Regulatory Affairs, Mr. Geller leads the team responsible for removing regulatory barriers to clean energy and electric mobility and for providing regulatory insights to internal business units that inform Enel's North American investment strategy.

Mr. Geller joined EnerNOC's Regulatory Affairs team in 2010, where he led several regulatory wins to accelerate the adoption of Distributed Energy Resources. Most notably, he played a lead role in EnerNOC;s successful effort at the US Supreme Court to secure the role of Distributed Energy Resources in wholesale markets. These successes at EnerNOC and Enel (post-EnerNOC acquisition) led to Mr. Geller assuming increased levels of management responsibilities, culminating in his role as Head of Regulatory Affairs for USA & Canada. He considers himself extremely fortunate to lead a team comprised of dedicated, effective, and high-character individuals.

Previously, Mr. Geller served as Campaign Manager, Legislative Director, and Deputy Chief of Staff for a New York City Councilwoman. Mr. Geller earned his BA from the University of Wisconsin-Madison and his MBA from Boston University. He lives with his wife and two sons in the Boston area and serves on the Board of NY-BEST and the Advanced Energy Management Alliance.

Caitlin Marquis
Caitlin Marquis serves as a technical and strategic expert across multiple initiatives at AEE. She leads the regulatory and legislative engagement of the Advanced Energy Buyers Group, a coalition of leading companies that are working to expand their use of advanced energy. Caitlin also supports AEE's engagement on wholesale markets, with a particular focus on ISO-New England, as well as AEE's efforts on federal carbon regulation and policy. Before joining AEE, Caitlin worked at Altenex, LLC (now Edison Energy), helping companies with renewable energy procurement.

Stephanie Ross
Stephanie leads Green Mountain Power's strategy for distribution energy resource management and develops pilot programs for emerging technologies. Stephanie tackles key questions on the evolving nature of the grid, including how to accelerate the smart electrification of space heating, transportation, and industrial processes. Stephanie is a researcher and engineer by training, completing her PhD in electrical engineering at the University of Michigan in 2019. Her doctoral research focused on designing control algorithms that enabled flexible loads to participate in wholesale markets. After graduate school, Stephanie was a consultant at the Brattle Group in Boston where she worked for clients across the electricity industry. As a consultant, Stephanie specialized in resource planning studies such as developing least cost pathways for supplying New York state with 100% clean electricity by 2040.

Henry Yoshimura
Henry Yoshimura is the Director of Demand Resource Strategy for ISO New England where he is responsible for integrating distributed energy resources (energy efficiency, demand response, distributed generation, energy storage) into the New England wholesale electricity market. He began his career with the Massachusetts Department of Public Utilities (MDPU) where he directed the regulatory effort making Massachusetts among the first states to incorporate energy efficiency into the utility planning, resource acquisition, and ratemaking processes, and to consider environmental externality costs, including carbon pricing, in the utility planning process. After leaving the MDPU, Mr. Yoshimura advised several state governments in the U.S. and abroad on restructuring their electricity industries. Upon joining the ISO, he worked with industry stakeholders to develop the market design that allowed

New England to be the first region to integrate distributed energy resources into the Forward Capacity Market. Mr. Yoshimura served on the Advisory Council for the Smart Electric Power Alliance, chaired the Demand Resources Working Group on behalf of the New England Power Pool, and served on the Advisory Committee for the Northeast Electrification and De-carbonization Alliance. He testifies frequently on market design issues concerning distributed energy resources. Mr. Yoshimura holds a Master of Arts degree in Economics from the University of Montana and a Certificate in Leadership Development from Rensselaer Polytechnic Institute.

Conference Co-Chairs

David Fixler
David C. Fixler's practice focuses on assisting energy companies with navigating the complex regulatory landscape that, together with sweeping technological changes, is changing the manner in which electricity is generated, distributed, sold, managed, stored, and consumed in the United States. David has wide-ranging experience representing developers of renewable and traditional energy facilities in permitting, siting, interconnection, zoning, property tax and other matters in front of regulatory agencies and courts. David's multidisciplinary skill set allows him to quickly identify potential legal concerns and design strategies that address these problems before they arise, helping clients to avoid costly disputes in the future.

Julia Frayer
See Panel III, above.