

SYMPOSIUM HOST

Jared des Rosiers, Partner, Pierce Atwood LLP

Jared des Rosiers' practice focuses on complex energy regulatory, infrastructure development and siting, and litigation matters before the Maine Public Utilities Commission (MPUC), the Federal Energy Regulatory Commission (FERC), and state and federal courts around the country. In each of his cases, Jared strives to develop a comprehensive strategic plan for success in collaboration with his clients and then to efficiently implement that plan through discovery, witness preparation, motion practice, and trial, as necessary, in order to achieve his clients' business, regulatory, and policy goals in the most cost-effective manner possible.

Jared has broad experience on energy regulatory, siting, and investigation matters including representation of clients with respect to issues of transmission development and siting, rate recovery and design, ISO/RTO participation and market design, enforcement investigations, power purchase agreement disputes, and smart grid implementation.

MORNING KEYNOTE SPEAKER

Richard Glick, Commissioner, Federal Energy Regulatory Commission

Commissioner Richard Glick was nominated to the Federal Energy Regulatory Commission by President Donald J. Trump in August 2017 and confirmed by the U.S. Senate on November 2, 2017.

Before joining the Commission, Commissioner Glick was general counsel for the Democrats on the Senate Energy and Natural Resources Committee, serving as a senior policy advisor on numerous issues including electricity and renewable energy.

Prior to that, Commissioner Glick was vice president of government affairs for Iberdrola's renewable energy, electric and gas utility, and natural gas storage businesses in the United States. He ran the company's Washington, D.C., office and was responsible for developing and implementing the U.S. businesses' federal legislative and regulatory policy advocacy strategies.

Commissioner Glick previously served as a director of government affairs for PPM Energy and before that was director of government affairs for PacifiCorp. He served as a senior policy advisor to U.S. Energy Secretary Bill Richardson, and before that was legislative director and chief counsel to U.S. Senator Dale Bumpers of Arkansas. From 1988-1992, Commissioner Glick was an associate with the law firm of Verner, Liipfert, Bernhard, McPherson and Hand.

Commissioner Glick is a graduate of George Washington University and Georgetown Law. He and his wife Erin have a son.

LUNCHEON KEYNOTE SPEAKER

Richard Kauffman, Chairman of Energy and Finance for New York (Office of New York Gov. Andrew Cuomo)

Richard Kauffman joined the office of Gov. Andrew Cuomo as the state's first Chairman of Energy and Finance for New York, or 'energy czar,' in January 2013. On behalf of Governor Cuomo, Mr. Kauffman leads New York State's comprehensive energy policy effort, known as Reforming the Energy Vision (REV).

REV includes regulatory reform to modernize the energy and utility industry, a ten-year commitment to support renewable energy and efficiency markets through the \$5 billion Clean Energy Fund, and initiatives including the NY-Sun solar program and NY Green Bank. Through REV, New York State has enacted a Clean Energy Standard mandating that 50 percent of the state's electricity must come from renewable sources by 2030. These efforts will help enable statewide greenhouse gas emission reductions of 40 percent by 2030.

Mr. Kauffman oversees and manages the state's portfolio of energy agencies and authorities, comprised of the Department of Public Service (DPS), the New York Power Authority (NYPA), the Long Island Power Authority (LIPA), and the New York State Energy Research and Development Authority (NYSERDA). He was appointed chair of NYSERDA's board in June 2013.

As the state's most senior energy official, Mr. Kauffman was New York's lead delegate in Paris at the 2015 United Nations Climate Change Conference, or COP21. Mr. Kauffman was named by Fortune Magazine as one of the World's Top 25 Eco-Innovators, and has received the Solar Champion Award from the Solar Energy Industries Association (SEIA) and Smart Electric Power Alliance (SEPA), the U.S. Green Building Council's Galvin Award for environmental leadership, and the Intersolar 2017 Champion of Change Award.

Prior to joining the Cuomo administration, Mr. Kauffman served as Senior Advisor to Secretary Steven Chu at the U.S. Department of Energy. In his private sector career, he was CEO of Good Energies, Inc., a leading investor in clean energy technologies, a partner of Goldman Sachs where he chaired the Global Financing Group, and vice chairman of Morgan Stanley's Institutional Securities Business and co-head of its Banking Department.

Mr. Kauffman has served as Chairman of the Board of Levi Strauss & Co., on the boards the Brookings Institution and the Wildlife Conservation Society, and is a member of the Council on Foreign Relations. Mr. Kauffman received a bachelor's degree from Stanford University, a master's degree in international relations from Yale University, and a master's in public and private management from the Yale School of Management.

FEATURED SPEAKER

Gordon van Welie, President and Chief Executive Officer, ISO New England Inc.

Gordon van Welie, ISO New England President and CEO, oversees New England's 32,000 megawatt bulk power system, the multi-billion dollar wholesale electricity marketplace, and a robust system planning process designed to ensure the region's long-term electricity needs. He has been the president and CEO since 2001.

New England's resources are undergoing a dramatic transformation from oil, coal, and nuclear generation to natural gas, renewable energy, and distributed resources. Gordon has led a strategic initiative to keep system reliability intact and wholesale markets competitive while this shift occurs. These initiatives include addressing the interdependency between the gas and electric systems, ensuring efficient price formation, facilitating the integration of renewable, distributed, and 'smart grid' technologies, and making significant investments in regional transmission.

Before ISO New England, Gordon was Vice President and General Manager of Power System Control for Siemens. Earlier in his career, he worked in various roles with the South African utility, Eskom.

Gordon is a member of the National Academy of Engineering, as well as a number of industry groups, including the Executive Committee of the U. S. National Committee of CIGRE, the Member Representatives Committee of the North American Electric Reliability Corporation (NERC), the ISO/RTO Council, and the IEEE Power & Engineering Society.

He is a 2017 recipient of Utility Variable-Generation Integration (UVIG) Achievement Award and, in 2016, he was awarded the IEEE Power & Energy Society Leadership in Power Award.

Gordon holds a Bachelor of Science degree in Electrical Engineering and an MBA from University of Witwatersrand in South Africa.

PANEL 1

The Northeast's Demand for Clean Energy: Policymakers Panel

Moderator – Sarah Tracy, Partner, Pierce Atwood LLP

Sarah Tracy is a partner in the Energy Group at Pierce Atwood LLP, where she advises clients regarding electric and natural gas matters. Sarah represents electric and natural gas utilities, community-based renewable energy companies, large industrial and commercial energy users, and competitive energy providers on a range of matters before state public utility commissions, as well as before state and federal courts. She also assists clients in negotiating long-term agreements for the purchase and sale of electricity, natural gas, and renewable energy credits, and helps businesses seeking to acquire energy-related companies to conduct due diligence with respect to energy contracts and regulatory approvals. As a former staff attorney for the Maine Public Utilities Commission, Sarah brings a unique insight to resolving legal and regulatory issues facing her clients. She also serves as a Town Councilor for the Town of Freeport. Sarah received a B.A. from Amherst College and a J.D. from the University of Connecticut School of Law.

Carol Grant, Commissioner, Office of Energy Resources, State of Rhode Island

Carol Grant joined OER in May 2016 with more than 30 years of experience in operations, strategic human resources, policy, law, and communications. Prior to serving as state energy commissioner, she had most recently served in leadership roles at two renewable energy companies. In her current role, Grant leads policy and planning for Rhode Island's nationally-recognized energy efficiency programs. She is leading the charge to expand local and regional renewable energy to meet Governor Raimondo's recently announced clean energy goal of 1000 MW by 2020. As part of the Rhode Island energy leadership team, she is also responsible for addressing the challenges of affordability, resiliency, and power sector transformation. She holds a bachelor's degree from the University of Missouri and a Juris Doctor from the University of Michigan.

Patrick Woodcock, Assistant Secretary of Energy, Executive Office of Energy and Environmental Affairs, Commonwealth of Massachusetts

Patrick Woodcock is the Assistant Secretary of Energy in the Executive Office of Energy and Environmental Affairs, a position he has held since April, 2017.

Prior to his current position, Woodcock was Director of the Maine State Energy Office, a position he held from 2013 through 2016. In that role, he was a key author of the most significant energy legislation enacted since restructuring. Woodcock also served as a Board Member of Efficiency Maine Trust as well as Maine's representative to the New England States Committee on Electricity.

Previously, Woodcock worked for United States Senator Olympia Snowe in her Washington, D.C., office and was one of the lead congressional staffers that authored the overhaul of fuel economy standards in the 2007 Energy Independence and Security Act. Woodcock graduated Bowdoin College and holds a Bachelor of Arts degree in Government.

PANEL 2

Creative Financing Solutions for Renewable Projects and End-use Customers in the Northeast

Moderator – John Gulliver, Partner, Pierce Atwood LLP

John Gulliver is a senior partner at Pierce Atwood and a member of the Management Committee. For over ten years he was also head of the Energy Practice Group. John's experience involves literally all elements of legal and regulatory power sector issues, having represented clients on a broad range of energy sector transactions, policy issues, financing, mergers and acquisitions, privatization, competition, and regulatory reform matters.

In addition to having represented a variety of independent development companies and regulated utilities, John represents NTE Energy nationally as their general counsel with respect to the development of its combined cycle gas fired power and renewable generation projects.

David Barrick, Unaffiliated (formerly Managing Director with a global infrastructure lender)

David has been active in the project finance business for over 30 years. He was until recently Managing Director and Co-Head of the Utility, Power and Renewables department at ING Capital where he worked for over 20 years. David was responsible at ING for origination, execution, and portfolio management of power and renewable financings in the Americas, and was also a member of a global team that managed ING's origination activities in the sector world-wide. While at ING, David led or managed scores of financings using almost every fuel source and most generation technology, including many types of renewable power. Prior to ING, David was a Director at Swiss Bank Corporation for over 10 years where he worked on scores more power project financings. He also founded and owned a company that imported music from the USSR. David holds a BA from the University of Rochester and an MA in international affairs from Columbia University.

Tony Grappone, Partner, Novogradac & Company LLP

Tony Grappone is a partner in the Boston office of Novogradac & Company LLP, where he specializes in providing accounting, tax and consulting services to developers, syndicators and investors of developments that qualify for federal and state tax credits such as the low-income housing tax credit (LIHTC), historic rehabilitation tax credit (HTC), new markets tax credit (NMTC) and renewable energy tax credits (RETCs). Mr. Grappone is a frequent speaker at various renewable energy and other tax credit industry events and has contributed several articles on renewable energy to the Novogradac Journal of Tax Credits and serves as a technical editor of the firm's Renewable Energy Tax Credit Handbook. Before joining Novogradac & Company LLP, Mr. Grappone worked at Ernst & Young LLP, specializing in partnership taxation within the affordable housing industry and servicing many of the nation's largest tax credit syndicators and investors.

Joshua Levine, Managing Director, Great Bay Renewables, LLC

Josh has 20 years of experience in energy project development, project finance, economic analysis and environmental permitting. As the Managing Director at Great Bay Renewables, Josh is involved in identifying attractive renewable energy royalty investment opportunities, negotiating royalty contracts

with counter parties and overseeing company and project due diligence efforts. Prior to his current position at Great Bay Renewables, Josh joined BayCorp Holdings in 2014 after working for the previous six years with BayCorp partner companies, Energy Management Inc. and American Renewables. Josh was the lead developer on the US\$500MM Gainesville Renewable Energy Center (biomass) and was part of the financing team for the Cape Wind Project (offshore wind). In addition, he has worked on the development of onshore wind, solar and natural gas generation facilities. Josh received his B.S. in economics from Connecticut College, his M.B.A. from the Yale University – School of Management and his M.E.M. in policy, economics and law from the Yale University – School of Forestry and Environmental Studies.

Merrill Kramer, Partner, Pierce Atwood LLP

Merrill Kramer is an energy and project finance partner resident in our Washington, D.C., office. Merrill represents some of the most active and innovative players in the energy industry. Merrill has advised Fortune 200 companies and other clients in the development and financing of over 80 energy and infrastructure projects representing more than \$30 billion in invested capital. Merrill also represents commercial and industrial energy users, lenders and private equity investors on transactional and regulatory matters. Merrill works closely with industry and political leaders in formulating and implementing laws and regulations to encourage renewable energy development.

Before joining Pierce Atwood, Merrill was Chair of the Sustainable Energy Practice at a Boston-based law firm. Previously, Merrill was Chair of the Derivatives and Structured Products practice at Chadbourne & Parke, LLP, a major New York project finance firm now merged with Norton Rose Fulbright. He has served on the Board of Directors of a U.S. residential solar leasing company that he helped to take public, and on the board of the largest ethanol company in California.

PANEL 3

Does the Northeast Need Additional Gas Infrastructure and if There is a Need, Can the Infrastructure be Financed, Constructed and Built?

Moderator – Valerie Green, Partner, Pierce Atwood LLP

Valerie Green focuses her practice on natural gas, electricity, renewable energy, and regulatory and compliance issues involving the Federal Energy Regulatory Commission (FERC) and other administrative agencies. Valerie advises natural gas shippers on pipeline rate and tariff issues, and has advised natural gas pipelines on their rate cases, Standards of Conduct, FERC's capacity release rules, and other regulatory issues. Clients rely on Valerie's deep knowledge of regulatory process and precedent in proceedings involving administrative litigation, compliance audits and investigations, and in appellate litigation before the U.S. Court of Appeals for the District of Columbia Circuit. Valerie's focus on coalition and consensus building in situations involving difficult, contentious issues frequently results in successful, advantageous settlements for her clients.

Boris Brevnov, Managing Director, Liberty Energy Trust

Boris A. Brevnov is the Managing Director of Liberty Energy Trust - an energy infrastructure acquisition and development firm. Previously, he served as Vice President Corporate Development for AES (NYSE: AES \$40 billion in assets global energy company) with responsibility for managing transformational strategic M&A and leading corporate realignment efforts as directed by the Board. He led the team in identifying opportunities, providing valuations, due diligence, conducting feasibility studies, raising financing, and was responsible for all execution activities including regulatory approvals through closing. Among closed transactions are the \$4.7 billion acquisition of DPL, divestitures of Ironwood and Red Oak plants at \$900 million of project value, and recapitalization of the Energy Storage and Renewable Businesses (1700 MW of wind portfolio).

James Daly, Vice President Energy Supply, Eversource Energy

James Daly is Vice President Energy Supply at Eversource Energy. In this capacity, he is responsible for managing power and natural gas supplies to Eversource's 3.0 million electric and 0.5 million natural gas customers in CT, MA and NH.

He graduated from Trinity College Dublin, Ireland with a Bachelor's Degree in Electric Engineering and from University College Dublin with a Masters in Industrial Engineering.

He has 38 years of experience in the energy industry in Europe, Asia and North America. He has held executive level positions in consulting, competitive and regulated energy companies.

In his position at Eversource, he is responsible for planning, procurement and contracting for power, natural gas and renewable energy. He also represents Eversource in various industry forums charged with the development of efficient and competitive energy markets.

Brian Schwabenbauer, Permitting Program Manager, TRC

Brian Schwabenbauer is the Permitting Program Manager for TRC in New York, and works primarily on energy projects such as natural gas pipelines, electric transmission, renewable energy projects including wind and solar, and battery storage. Brian has 15 years of experience siting and permitting energy projects in the Northeast, and has worked on the development, permitting, and construction monitoring phases for multiple electric and gas transmission lines (totaling hundreds of miles). His professional expertise includes environmental impact avoidance and minimization during the siting of project components, ecological surveys, wetland delineations, state and federal permitting, agency consultations, and environmental compliance monitoring during construction. He has overseen construction of multiple energy projects from environmental permit and regulatory compliance perspectives, and therefore understands what it takes to develop, permit, and construct large scale energy projects in the Northeast.

Michael "Mike" Jacobs, Sr. Energy Analyst, Union of Concerned Scientists

Mike Jacobs is the lead on Electricity Markets and Regulatory efforts in the Climate and Energy Program at the Union of Concerned Scientists (UCS) and is the chairman of the Vineyard Power Co-op, a partner of Vineyard Wind. Prior to coming to UCS, Mr. Jacobs worked as the VP of transmission for First Wind, and in policy roles at TransEnergieUs, an energy storage company, and the American Wind Energy Association (AWEA). In these positions, he developed strategies for wind integration using battery storage, and new and existing transmission. His regulatory experience includes a detail to the Federal Energy Regulatory Commission and staff positions with the Massachusetts Siting Board and Department of Public Utilities. He has served on the boards of the Northern Maine Independent System Administrator, Solar Grid Storage, Wind on the Wires, the Wind Coalition, and Interwest Energy Alliance.

PANEL 4

If Not Gas Infrastructure, Then What? And How?

Moderator – James Avery, Partner, Pierce Atwood LLP

Jim Avery represents a broad range of utilities, developers, aggregators, and other stakeholders before the Massachusetts Department of Public Utilities, the Massachusetts Energy Facilities Siting Board, and numerous other state utility commissions.

Jim's clients include solar, wind, biomass, and other renewable energy firms; aggregators of electricity and natural gas service; developers of natural gas-fired generation facilities; electric and natural gas utilities; wireless telecommunications carriers; and hospitals, government agencies, and industrial facilities. Jim also represents clients in a variety of commercial and financial transactions, including acquisitions, mergers, corporate restructurings, contracts, and financings.

Seth Kaplan, Senior Manager, Regional Government Affairs, EDP Renewables

Seth Kaplan is Senior Manager, Regional Government Affairs, for the Eastern Region (the Midwest, Southeast, Mid-Atlantic and Northeast) at EDP Renewables North America. He manages interactions between EDPR and key local, state, and regional governments, legislatures, regulators, agencies, and institutions. His work focuses on building markets and contract opportunities for EDPR's wind and solar projects and assisting in project development by building positive relationships with private and public stakeholders.

Over the last twenty years he has managed and worked on a wide range of issues including state, regional, and federal energy regulation and policy, including a decade of leading climate and energy work at the Conservation Law Foundation.

He co-founded RENEW Northeast, a regional renewable energy trade association, and is Board Chair of that organization. He is also Vice-Chair of the Mid-Atlantic Renewable Energy Association and Chairs the Eastern Policy Committee of the American Wind Energy Association.

Charles Scott, Senior Legal Counsel, Ørsted North America Inc.

Charley Scott has been an in-house lawyer in the Boston office of Ørsted—the global leader in offshore wind energy—since early 2016. He has worked on commercial contracts, strategic partnerships, regulatory proceedings, and corporate matters. Prior to joining Ørsted, Charley worked in the energy practice group of an international law firm, with a focus on representing developers of liquefied natural gas terminals in regulatory, transactional, and litigation matters. He began his legal career as a litigator in the Justice Department's Environment & Natural Resources Division, where he briefed and argued numerous cases before the Federal Courts of Appeals.

Andrew Kaplan, Partner, Pierce Atwood LLP

Andrew Kaplan is a partner in the Energy Group at Pierce Atwood LLP, where he focuses his practice on providers of energy storage, demand response, ancillary services, and electricity and gas transmission and supply, both in the wholesale and retail markets. Andrew regularly represents clients before the Federal Energy Regulatory Commission (FERC) and Independent System

Operators/Regional Transmission Operators (NYISO, ISO-NE, PJM, Midcontinent ISO, California ISO, SPP and ERCOT), and many state public utility commissions. Andrew has won significant rulings before FERC that helped to pave the way for growth among leaders in the energy storage industry.

With more than 25 years of energy law experience, Andrew acts as a strategic advisor to companies seeking private equity, venture capital, and government loans, and provides legal and business guidance to help obtain key U.S. Department of Energy (DOE) loans, state grants, and incentive tax credits/production tax credits for renewable projects.

Michael Stoddard, Executive Director, Efficiency Maine

Michael is an attorney and the Executive Director of the Efficiency Maine Trust, the independent administrator for programs that promote energy efficiency and alternative energy resources in Maine.

Before coming to the Trust, Michael was Senior Counsel at ENE (now the Acadia Center) where he was involved in public proceedings related to electricity restructuring across New England. He also worked on legislative advocacy related to building energy codes, appliance standards, energy efficiency budgets, sustainable transportation systems, climate change action plans, and adoption of the Regional Greenhouse Gas Initiative (RGGI). Michael was the co-author of ENE's 2006 Climate Change Roadmap for New England and Eastern Canada. Prior to his work at ENE, Michael was Assistant to the Chairman of the Federal Election Commission, and before that served as Assistant Counsel for Election Processes at the National Democratic Institute for International Affairs (NDI) in Washington, D.C., and Johannesburg, South Africa.

Michael holds degrees from Williams College and the University of Maine School of Law. Michael resides in Portland, Maine.

Richard Jordan, Renewable Projects PM, TRC

Rich Jordan (PWS, CPESC) is a renewables project lead in TRC's Scarborough, Maine office. Rich provides environmental support and project management services on a wide range of projects, including renewable energy developments (wind and solar), electric and natural gas transmission facilities, transportation infrastructure projects, commercial and residential subdivisions, and conservation land and grant acquisitions. Recently, Rich has focused primarily on utility scale solar developments, managing sites ranging from >5 MW landfill projects in Massachusetts to a 77 MW greenfield project recently permitted in western Maine.

Rich oversees a team of professionals currently designing and permitting over 400 MW of utility scale solar developments in various stages of development throughout New England, and also works closely with TRC's DG and energy storage sectors. Rich lives in Falmouth, Maine, with his wife, two young children, and several chickens, where he is also a member of the Planning Board and Long Range Planning Advisory Committee.