

# Natural Gas: Focus on the Future

The Woodlands Club, Falmouth, ME

October 18, 2018

## Agenda

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8:00 am	<b>Registration/Check-in</b>
8:30 am	<b>Conference Welcome</b> John Gulliver, Pierce Atwood LLP & William Harwood, Verrill Dana, LLP
8:45 am	<b>Keynote Speaker</b> Mark Vannoy, Chair, Maine Public Utilities Commission
9:15 am	<b>Video Address by United States Senator Angus King</b>
9:30 am	<b>Power Generation in the Northeast</b> <ul style="list-style-type: none"><li>• Jim Cohen, Verrill Dana, LLP (Moderator)</li><li>• Eric Johnson, ISO-NE</li><li>• Heather Hunt, NESCOE</li><li>• Dan Dolan, New England Power Generators Association</li></ul>
10:30 am	<b>Networking Break</b>
11:00 am	<b>Pipeline Expansion: Challenges and Opportunities</b> <ul style="list-style-type: none"><li>• Katie Gray, Maine Public Utilities Commission (Moderator)</li><li>• Cynthia Armstrong, PNGTS</li><li>• Blair Hastey, Enbridge, Inc.</li><li>• Todd Piczak, Tennessee Pipeline</li><li>• Rob Furino, Unitil</li><li>• Sean Mahoney, Conservation Law Foundation</li></ul>
12:00 pm	<b>Luncheon Speaker:</b> Tux Turkel, Reporter, Portland Press Herald
1:30 pm	<b>LNG Imports and Exports – Why Not Interstate?</b> <ul style="list-style-type: none"><li>• Sarah Tracy, Pierce Atwood LLP (Moderator)</li><li>• Karen Iampen, Repsol</li><li>• Rob Belliveau, Emera New Brunswick</li><li>• John Flumerfelt, Calpine Corporation</li><li>• Jerry Livengood, Bangor Gas</li><li>• Robert Bocko, Holmes, Weddle &amp; Barcott</li></ul>
2:30 pm	<b>Networking Break</b>
3:00 pm	<b>Forward Thinking Solutions</b> <ul style="list-style-type: none"><li>• Randall Rich, Pierce Atwood LLP (Moderator)</li><li>• Barry Hobbins, Public Advocate</li><li>• Tom Kiley, Northeast Gas Association</li><li>• David Littell, Regulatory Assistance Project</li><li>• Richard Silkman, Competitive Energy Services</li><li>• Jürgen Weiss, The Brattle Group</li></ul>
4:00 pm	<b>Networking Reception</b>

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## Co-Hosts



### **John Gulliver, 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.



### **William Harwood, Verrill Dana, LLP**

William Harwood has devoted most of his 30-year career to representing public utilities before state and federal regulatory agencies. He has represented electric, gas, water and telecommunications companies in more than 50 major cases before the Maine Public Utilities Commission and Federal Energy Regulatory Commission, including rate cases, prudence investigations, management audits, merger approvals, requests for Certificates of Public Convenience and Necessity, and rulemaking proceedings. Mr. Harwood counsels utilities on proactive strategies to both anticipate regulatory developments and efficiently manage the regulatory process. Mr. Harwood has been extensively involved in traditional rate setting issues, including CWIP in rate base, attrition, accounting orders and cost of capital. He has negotiated long-term alternative rate plans which include automatic inflation adjustments, service quality penalties, and recovery of mandated or exogenous costs. He has also negotiated numerous long-term special rate agreements between utilities and specific industrial consumers. Mr. Harwood was actively involved in the restructuring of the Maine electric utility industry, including representing utilities in the sale of their generating assets, recovery of stranded costs and providing standard offer (default) service. More recently, he has represented developers of new transmission lines in securing Certificates of Public Convenience and Necessity and wind developers in negotiating Interconnection Agreements and securing adequate transmission capacity for delivery of the output. Mr. Harwood earned a B.A. from Harvard University and a J.D., *cum laude*, from Fordham University.

## Keynote Speaker

### **Mark Vannoy, Maine Public Utilities Commission**

Mark Vannoy was appointed to the Maine Public Utilities Commission in June of 2012. Prior to coming to the Commission, he worked as an Associate Vice President in the infrastructure and civil practice group at Wright Pierce in Topsham, Maine. He served as an Officer in the United States Navy and qualified as a nuclear surface warfare officer aboard the USS California. Commissioner Vannoy graduated from the United States Naval Academy in 1993 with a Bachelor of Science in Ocean Engineering. He completed his Masters of Engineering at Cornell University in 2000. His term on the Commission expires in March 2019.

## Luncheon Speaker

### **Tux Turkel, Portland Press Herald**

Tux Turkel is a long-time staff writer for the Portland Press Herald and Maine Sunday Telegram. He has worked over the years writing news features, environmental and business stories, but in the past decade has focused on energy reporting.

He was a contributing writer for Restructuring Today in Washington, D.C., and has written dozens of freelance stories for magazines that cover green building and boating.

Tux has won several first place awards in the Maine Press Association Better Newspaper Contest, as well as the New England Associated Press News Executives Contest. He participated in fellowships in Health Care and Economics at the now-defunct Knight Center for Specialized Journalism at the University of Maryland.

Tux has a degree in Mass Communications from Emerson College in Boston. He migrated to Maine in the 1970s because he couldn't find a job and liked to hike in the mountains. When not on the trail, he's likely to be exploring Maine's coastal islands in a small motorboat.

## **Power Generation in the Northeast**

### **Dan Dolan, New England Power Generators Association**

Dan Dolan has served as President of the New England Power Generators Association (NEPGA) since the fall of 2011. As President he is the principal spokesperson and oversees all activities for the largest trade association representing competitive electric generating companies in New England. Dolan leads a staff that represents the membership on electricity market rules development and expansion of wholesale electric competition and is a frequent speaker at legislative and regulatory hearings as well at industry conferences. He was appointed to the Commission on the Future of Transportation in the Commonwealth by Massachusetts Gov. Charlie Baker to advise the Governor on transportation needs and challenges out to the year 2040.

Dolan previously worked at the Electric Power Supply Association (EPSA), as Vice President of Policy Research & Communications where he was responsible for coordinating research, reports, studies and analysis as well as directing communications and state advocacy for the organization. Dolan also oversaw the development of energy trading policy including spearheading EPSA's activities in the development and implementation of the Dodd-Frank Wall St. Reform Act.

### **Heather Hunt, NESCOE**

Heather Hunt joined NESCOE as Executive Director in 2009. Previously, Heather had a regulatory law practice for six years, was Director, State Government Affairs at United Technologies Corporation and a Group Director, then Vice President, Regulatory at Southern Connecticut Gas. Earlier, she was a Public Utility Commissioner in Maine and Connecticut and was on the legal staff of a Connecticut Governor. Heather has a Bachelor of Arts in Politics from Fairfield University and a Juris Doctor from Western New England University School of Law. Heather is founder and president of Live On Organ Donation, Inc. She is Vice Chair of the Living Donor Committee of the United Network for Organ Sharing, the organization that manages the nation's organ transplant system under contract with the federal government.

### **Eric Johnson, ISO-NE**

Eric is Director of External Affairs for ISO New England, the operator of the region's electric grid. He is responsible for managing ISO's outreach to government officials in the six New England states. He works with state and federal policymakers and regulators to educate them on ISO initiatives related to regional system planning and wholesale electricity markets. He also oversees communications with government officials during power system emergencies. He has appeared before legislative committees, public utility commissions, environmental agencies and siting boards to speak on a wide range of electricity issues. He also serves as president of the Connecticut Power and Energy Society.

When he is not at work, Eric is volunteering with his two daughters' field hockey and marching band competitions. He lives in Enfield, Connecticut.

**Moderator – Jim Cohen, Verrill Dana, LLP**

Based on a broad perspective gained through years of experience as a regulatory lawyer, mediator, and former Portland Mayor and City Councilor, Mr. Cohen combines legal, public policy, networking and facilitation strategies to help clients achieve their goals – whether in legal disputes; before government agencies; in business deals; or in the halls of the Legislature. Mr. Cohen assists investor and consumer-owned transmission and distribution utilities in transactions and regulatory proceedings ranging from rate setting, to rate design, to purchase power and special rate agreements, to mergers and acquisitions, to rulemakings and customer complaints, to Commission audits and investigations. He has also advised natural gas utilities, wood pellet heat providers, and energy aggregators on a wide range of state regulatory and legislative matters. Mr. Cohen has been involved in the drafting and adoption of nearly every major piece of energy legislation adopted in Maine since 1995, including the 1997 restructuring of Maine’s electric industry and the 2013 Omnibus Energy Act. He serves on the Energy and Environment Committee of the Maine State Chamber of Commerce.

## **Pipeline Expansion: Challenges and Opportunities**

### **Cynthia Armstrong, Portland Natural Gas Transmission System**

Cynthia L. Armstrong is Marketing Director for Portland Natural Gas Transmission System (“PNGTS”). She is responsible for marketing short and long term capacity, and development of new projects and services on PNGTS.

Ms. Armstrong has been with PNGTS since 2004. Previously she worked with Sprague Energy as its Managing Director – Natural Gas Supply and Risk Management. She also held other marketing and trading positions at SEMCO Energy Services and Norstar Energy (O&R Energy Development).

She received her Bachelor of Science degree in Mechanical Engineering from the State University of New York in Buffalo, and also earned a Master of Business Administration in Corporate and Investment Finance from New York University.

### **Rob Furino, Unitil**

Rob Furino is Director of Unitil’s Energy Contracts department. Rob joined Unitil in 1994 and has held positions in the company’s energy contracts, regulatory and finance departments before taking his current position in 2008, the year Unitil purchased Northern Utilities. Mr. Furino is responsible for supply planning and procurement for Unitil’s gas and electric distribution companies, as well as the structure and operation of the retail choice programs operated by each of the distribution companies. Unitil operates gas distribution companies in Maine, New Hampshire and Massachusetts, and electric distribution companies in New Hampshire and Massachusetts. Mr. Furino attended the University of Maine, where he studied Economics.

### **Blair Hastey, Enbridge, Inc.**

Blair Hastey is in the Business Development Group at Enbridge. In this capacity he works to identify, conceptualize and qualify growth projects for natural gas pipelines working closely with customers and partners aligned on meeting the energy needs of the Northeast region. His past work has included development and execution of expansion projects comprising of transmission and compression expansion in western Pennsylvania and gas processing facilities in northern Canada. Blair has also worked Enbridge’s operations group responsible for the construction of maintenance projects for the western Canada midstream and mainline assets. Blair graduated with a Bachelor’s Degree in Civil Engineering from Dalhousie University in Halifax, Nova Scotia.

### **Sean Mahoney, Conservation Law Foundation**

Sean Mahoney serves as the Conservation Law Foundation's Executive Vice President and Director of its Maine Advocacy Center. Prior to joining CLF in 2007, Sean practiced environmental law in San Francisco and Portland, ME for 15 years, where he represented a variety of commercial and nonprofit clients in all aspects of state and federal environmental litigation and permitting. At CLF, Mahoney focuses on climate change and clean energy, marine conservation and sustainability, transportation and energy infrastructure, and restoring and protecting Maine's rivers and coastal watersheds. Mahoney, a resident of Falmouth, received his J.D. from the University of Virginia School of Law and his undergraduate degree from Bowdoin College. After college he served as a Peace Corps volunteer in Sri Lanka and after law school as a law clerk for the Honorable Fred I. Parker, U.S. District Court for the District of Vermont. He has served on a number of boards, including the Falmouth Town Council, GrowSmart Maine (chair), Gulf of Maine Research Institute, Konbit Sante and the Falmouth Land Trust, and currently serves as a member of the Vinalhaven Land Trust.

### **Todd Piczak, Tennessee Pipeline**

Todd Piczak is Chief Compliance Officer, Vice President and Assistant General Counsel at Kinder Morgan. Prior to becoming the Chief Compliance Officer in May 2018, Todd was an attorney in the Natural Gas Business Unit, working primarily with Tennessee Gas Pipeline. Todd was the lead attorney on TGP's Northeast Energy Direct Project and has worked on TGP's Line 261 Upgrade Project to provide incremental firm transportation capacity to Columbia Gas of Massachusetts. Todd has also worked extensively on gas-electric coordination issues in the Northeast and other regions. As Chief Compliance Officer, Todd oversees and implements the Compliance function for all of Kinder Morgan's business units, which include Natural Gas, Products Pipelines, CO<sub>2</sub>, and Terminals. He is a graduate of the University of Virginia where he majored in Foreign Affairs and English and holds a J.D. and Masters in Public and International Affairs from the University of Pittsburgh.

### **Moderator – Katie Gray, Maine Public Utilities Commission**

Katie Gray joined the Maine Public Utilities Commission (PUC) as a staff attorney in October 2018. For the decade prior to her joining the PUC, Ms. Gray was an attorney at Verrill Dana, LLP, advising public utilities and significant consumers of energy on all aspects of energy law and regulatory practice before the PUC and other agencies and state courts. Ms. Gray represented natural gas, electric, water, and telecommunications companies and others in numerous matters, including rate cases, gas safety proceedings, customer complaints, conversation assessment cases, affiliate transaction and merger approvals, financing approvals, requests for accounting orders, and rulemakings.

## **LNG: Imports and Exports – Why not Interstate?**

### **Rob Belliveau, Emera New Brunswick**

Rejoining Emera New Brunswick as General Manager in June 2018, Rob is responsible for the day-to-day management and operations of the Company located in Saint John, New Brunswick. He was previously General Manager at ENB from 2009 to 2013. During that time, Rob oversaw the successful transition of the Brunswick Pipeline from construction to operations.

Rob brings extensive management and executive experience to the General Manager role. Prior to rejoining Emera New Brunswick, Rob was Vice President of Engineering and Operations at Emera Maine, and also served as Vice President, Business Development at Emera Inc., Emera New Brunswick's parent company.

Prior to Emera, he built his resume through progressive roles in forest products manufacturing, industrial services, soft drink bottling, and oil refining in Alberta, Nova Scotia and New Brunswick, Canada.

Rob is a Professional Engineer (P.Eng.) and holds a Diploma in Engineering from Saint Francis Xavier University and a Bachelor of Chemical Engineering from the Nova Scotia Technical College.

### **Robert Bocko, Holmes Weddle & Barcott**

Bob Bocko is a Maine Law alumnus who has practiced maritime law for 32 years. He is a Proctor in Admiralty with the Maritime Law Association of the United States and is admitted to practice in the Supreme Court, a number of lower federal courts, and the courts of Maine and Washington State. An experienced arbitration, trial, and appellate litigator, Bob also advises clients on regulatory and business planning matters. He relocated to Maine in 2017 after having built his career in the Pacific Northwest and Alaska.

### **John Flumerfelt, Calpine Corporation**

John Flumerfelt serves as Director of Government and Regulatory Affairs for Calpine Corporation and supports Calpine's power plant and retail operations in the Northeast. John is a member of Calpine's market policy team and represents the company in regional legislative and regulatory proceedings. He Vice Chair of Independent Power Producers of New York and is a Board Member of New England Power Generators Association.

John has approximately 30 years of energy experience including tenures as Vice President of Granite State Gas Transmission, Inc., Director of Energy Policy and Planning for the Maine State Planning Office, and Director of Congressional Relations for the National Association of Regulatory Utility Commissioners (NARUC) in Washington, D.C.

### **Karen Lampen, Repsol**

Karen Lampen is a 20-year veteran of the energy industry focusing primarily in trading and origination and currently leads Repsol's GTNA Origination business in Houston, Texas. Lampen previously served as Director, NE Origination for Repsol. She joined Repsol Gas and Power organization in 2009 just prior to the commissioning of the Canaport facility in Saint John, New Brunswick as an Origination and Regulatory Affairs Manager focusing primarily on New England and Eastern Canadian regions. Prior to joining the Repsol Gas and Power team, Lampen was the Manager, Logistics at Emera Energy Services in Halifax, NS involved in the setup and growth of trading operations there from 2002 to 2009. Karen Lampen has a Master's Degree in Business Administration from Saint Mary's University in Halifax, Nova Scotia, Canada.

### **Jerry Livengood, Bangor Gas**

Mr. Livengood is a natural gas industry professional with over 20 years of industry related experience. Since 2008, he has planned, organized, and directed the business activities of Bangor Natural Gas, a startup local distribution company serving customers in Central Maine. Prior to Bangor Gas, he worked as the Director of Business Development for Orwell Natural Gas for 4 years. He began his career in the gas industry at American Meter/ Elster where he worked for over 10 years eventually departing the company as a District Sales Manager to pursue work at the utility level. He has a BS in Business Administration, with honors, from Myers University, Master of Business Administration, with honors, from Husson University, and is a Registered Gas Distribution Professional with the Gas Technology Institute. He served in the U.S. Army Reserve from 1989 to 2000. He lives in Orono, Maine with his wife Celeste and their three sons.

### **Moderator – Sarah Tracy, 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.

# Forward Thinking Solutions

## **Barry Hobbins, Public Advocate**

Barry Hobbins was appointed Public Advocate by Governor Paul LePage, and unanimously confirmed by the Maine Legislature in May of 2017 for a four year term. Prior to becoming Public Advocate, Barry has been an attorney in private practice since 1978 with a concentration in telecommunications law and administrative law. He has been elected to both the Maine House of Representatives and the Maine State Senate, serving a total of 13 terms in the Legislature. Barry received his law degree from Franklin Pierce Law Center, now known as the University of New Hampshire School of Law and his undergraduate degree from the University of Maine. Barry has also attended and earned a certificate in 2013 from Harvard Kennedy School in the Senior Executives in State and Local Government Program.

## **Tom Kiley, Northeast Gas Association**

Tom Kiley is President and CEO of the Northeast Gas Association (NGA). The Northeast Gas Association is a regional trade association that represents the natural gas industry within nine Northeast U.S. states (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island and Vermont). Its members include gas distribution companies in the multi-state region, as well as interstate transmission companies, LNG transporters, and over 400 associate member companies. These companies collectively serve over 13 million natural gas customers. The Association has offices in Needham, Massachusetts, and Parsippany, New Jersey.

Tom became president of NGA on January 1, 2003, when the organization was formed as a result of the merger of The New England Gas Association and the New York Gas Group. Tom previously served as president of The New England Gas Association from 1985 to January 2003; and as Acting Executive Director of the New York Gas Group from April 2001 to January 2003.

He is a graduate of Holy Cross College and has done graduate work in Northeastern University's MBA program.

## **David Littell, Regulatory Assistance Project**

David Littell joined RAP as a principal in 2015 with 27 years of regulatory experience. At RAP he advises energy offices and environmental regulators on complex energy, pollution, and economic issues. These include work with 14 states and 5 Canadian Provinces on performance-based regulation, grid modernization, rate-making and rate design, renewable resource integration, demand response, energy efficiency and renewable portfolios, economic assessment of energy and environmental resources, power, transmission, and non-transmission alternatives, and natural gas investments.

David served as a Commissioner on the Maine Public Utilities Commission from 2010 to 2015 and as Maine's Commissioner of Environmental Protection from 2005 to 2010, and DEP deputy commissioner from 2003 to 2005. Prior to that, David was a partner at Pierce Atwood advising industrial, commercial and municipal clients on regulatory matters and litigating liability cases. He founded and served as chair, vice chair and treasurer in the Regional Greenhouse Gas Initiative (RGGI) and in the leadership of NARUC and ECOS. He also co-chaired the New England Governors/Eastern Canadian Premiers Environmental Committee. He holds a J.D. from Harvard Law School and an A.B. from Princeton.

### **Richard Silkman, Competitive Energy Services**

Dr. Richard Silkman, is the founder and Chief Executive Officer of Competitive Energy Services, LLC (CES). He is a Ph.D. economist and a nationally recognized expert in the regulation of public utilities, the development of competitive energy markets and the development, licensing and operation of power plants, including hydroelectric generating stations. Dr. Silkman has extensive experience in a wide range of settings, including education, government, consulting and the private sector. He is also a founding partner in Kennebec Valley Gas Company, the predecessor to Summit Natural Gas, and of GridSolar, a pioneering firm in the development of Non-Transmission Alternatives.

*Education: Ph.D., Economics, Yale University, New Haven, CT; M.A., Economics, Yale University, New Haven, CT; B.S. (w/ Distinction), Economics, Purdue University, West Lafayette, IN.*

### **Jürgen Weiss, The Brattle Group**

Jürgen Weiss is a principal at The Brattle Group. He is an energy and industrial organization economist with 20 years of consulting experience in the United States, Europe, and the Middle East and spearheads Brattle's electrification-related initiatives. His consulting practice focuses on issues broadly motivated by climate change, such as electrification of transportation (and heating), deep decarbonization of the power sector and the impact these changes have on existing assets, market structures, long-term planning needs, and business models for electric utilities. He was a principal author of several Brattle reports exploring the interaction of natural gas and carbon reductions, including a report on the relative economics of renewables and LNG and a more recent study exploring the potential for gas demand response. He has testified in U.S. state and federal courts, as well as in state regulatory proceedings and has served on advisory councils as diverse as one for California's Low Carbon Fuel Standard, the King Abdullah City of Atomic and Renewable Energy in Saudi Arabia, and the Department of Energy's Wind Vision Task Force. Jürgen holds an MBA from Columbia University and a Ph.D. in Business Economics from Harvard University.

### **Moderator – Randall Rich, Pierce Atwood LLP**

Randy Rich is the Leader of Pierce Atwood's Energy Practice Group and the partner-in-charge of the firm's Washington, DC office. Throughout his over 35 years of experience, beginning in the Office of General Counsel of the Federal Energy Regulatory Commission (FERC), Randy has guided clients through the rapidly changing regulation of the natural gas industry at the federal and state level, providing comprehensive legal counsel on natural gas regulation and policy, pipeline and utility ratemaking, tariffs, certificates and abandonment; natural gas transportation, gathering, marketing and trading; enforcement of and compliance with the Natural Gas Act, Natural Gas Policy Act of 1978 and FERC regulations; natural gas business transactions; and oil pipeline regulation. He has been an active participant in the new natural gas pipeline projects to transport Marcellus and Utica natural gas from the Appalachian Basin to New England and expanding natural gas opportunities for Maine.