

PROGRAM FOR 70TH ANNUAL NECPUC SYMPOSIUM

Sunday, June 4, 2017

- 4:00 p.m. ISO-NE Budget Discussion *Jefferson Room*
- ISO-NE will present administrative and capital budget information to the state public utility commissions, public advocates, Attorneys General and any other members of the public who wish to attend.
Robert Ludlow, VP, Chief Financial and Compliance Officer, ISO-NE
- 6:00 p.m. Pre-dinner Reception *Conservatory*
Sponsored by Pierce Atwood LLP and Brown Rudnick LLP
- 7:00 p.m. Dinner *South Veranda**
- 8:30 p.m. Dessert Reception *Conservatory*
Sponsored by the Nuclear Energy Institute and the National Association of Water Companies

Monday, June 5, 2017

- 7:30 a.m. Continental Breakfast Buffet begins *Dining Room*
- 7:30 a.m. Market Monitor Report
(Closed Session, breakfast provided)
- In accordance with the ISO-NE tariff, the Internal Market Monitor must “arrange a non-public meeting open to appropriate state or federal government agencies, including the Commission and state regulatory bodies, attorneys general, and others with jurisdiction over the competitive operation of electric power markets, subject to the confidentiality protections of the ISO New England Information Policy, to the greatest extent permitted by law.” In accordance with the ISO-NE tariff, this is non-public session.
Jeff McDonald, Internal Market Monitor, ISO-NE

*In case of inclement weather, dinner will be held in the Grand Ballroom

8:45 a.m. Plenary Session *Grand Ballroom*

Welcome: *Hon. Martin Honigberg*, NECPUC President and Chair of the New Hampshire Public Utilities Commission

Hon. Jeanne Shaheen, United States Senator, State of New Hampshire (video address)

Hon. Cheryl LaFleur, Acting Chairman, Federal Energy Regulatory Commission

Fireside Chat: Postcards from the Future – Stories from the Hawaiian Grid

Speakers:

Hon. Martin Honigberg, Chairman, New Hampshire Public Utilities Commission

Hon. Lorraine Akiba, Commissioner, Hawaii Public Utilities Commission

10:00 a.m. Break

10:15 a.m. Plenary Session *Grand Ballroom*
Will New England Find Harmony? State Laws & Regional Electric Markets

Can New England's wholesale electricity markets and state laws be harmonized? The challenges to doing so are many, and they are fundamental. They include: addressing complex jurisdictional questions, ensuring that the consumers of each state bear only the costs of their own state's laws, and achieving state law compliance at the lowest possible cost to consumers. Can the region resolve those questions in the short- and long-term in a way that preserves the most-often cited goals of competitive wholesale markets: placing risks of business decisions on investors rather than consumers, as well as meeting consumers' needs and preferences with lowest costs, while not diminishing environmental quality, compromising energy efficiency, or jeopardizing reliability?

Moderator: *Hon. Robert Scott*, Commissioner, New Hampshire Public Utilities Commission

Participants:

William Fowler, President and Co-Founder, Sigma Consultants and Chair of New England Power Pool's Integrating Markets and Public Policy Process

Hon. Angela O'Connor, Chair, Massachusetts Department of Public Utilities

Robert Stoddard, Senior Consultant, Charles River Associates, on behalf of Conservation Law Foundation, NextEra Energy Resources and Brookfield Renewable

Hon. Mark Vannoy, Chair, Maine Public Utilities Commission

Gordon Van Welie, President and Chief Executive Officer, ISO-NE

Noon Luncheon *The Dining Room*

Hon. Martin Honigberg, NECPUC President and Chair of the New Hampshire Public Utilities Commission

Hon. Chris Sununu, Governor, State of New Hampshire (invited)

1:30 p.m. Concurrent Sessions

A. Natural Gas: *Grand Ballroom*
Models for Local Distribution Company Expansion

Over the past decade economic, environmental and political concerns have resulted in an increase in demand for natural gas. Existing natural gas consumers are considering enhancing their services, while new customers are looking to take advantage of the benefits natural gas provides in terms of economics, efficiency and reliability. While this is taking place in the background, many New England utilities are faced with the cost of expansion and constrained interstate pipeline capacity. The panel will discuss the tools available for serving current and new customers. The panelists will consider various issues, including regulatory models for expansion, alternatives to increased pipeline capacity, rate-making treatment of associated costs, economic development, environmental concerns and consumer protection.

Moderator: *Victoria Hackett*, Director of Adjudications, Connecticut Public Utilities Regulatory Authority

Panelists:

Abigail Anthony, Director, Grid Modernization Initiative & Director, Rhode Island Office, Acadia Center

Todd Black, Senior Vice President, External Affairs & Customer Relations, Unitil

Louis James, Director, Business Development, UGI Energy Services

Thomas Kiley, President and CEO, Northeast Gas Association

Michael Licata, Director, Government and Community Relations, Liberty Utilities

Jim Roche, President, New Hampshire Business & Industry Association

B. Water Panel: *Presidential Ballroom*
Water at the Nexus between Economic Regulation and Health

The City of Flint, Michigan made national news in 2015 when lead was found in the public water supply following a change in water source. Residents continue to use bottled or filtered water there, while criminal charges have been filed against some of those involved. Meanwhile, closer to home, perfluorooctanoic acid (PFOA) associated with a manufacturing facility was found in water supplies in Merrimack and Litchfield, New Hampshire. Discovery of widespread contamination or an emerging contaminant can cause a public health crisis – and

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require immediate investment for public water systems. This panel will discuss several recent case studies – and what regulators need to know about the confluence of environmental and economic regulation.

Moderator: *Hon. Jack Betkoski*, Vice Chairman, Connecticut Public Utilities Regulatory Authority

Participants:

Janice Beecher, Director, Institute of Public Utilities Policy Research & Education, Michigan State University

Brandon Kernan, Hydrology and Water Conservation and Water Use Program Manager, New Hampshire Department of Environmental Services

Donald Ware, Chief Operating Officer, Pennichuck Corporation

3:00 p.m. Break

3:15 p.m. Concurrent Sessions

A. Nuclear Waste Redux: Could this be a new movie? *Grand Ballroom*

Pursuant to the Nuclear Waste Policy Act, the United States Department of Energy entered into contracts with the owners of nuclear generating facilities that obligated the federal government to take the spent nuclear fuel from nuclear plants across the country and send it to a disposal facility beginning no later than January 1998. Money was collected from ratepayers to pay for this disposal and thus far about \$40 billion is in the Nuclear Waste Fund. DOE has failed to meet its obligation, so the waste sits in the states while the federal government holds ratepayers' money. Meanwhile, plants around the country have sued the DOE for breach of contract and to collect costs related to the storage of spent nuclear fuel on site. Those costs come out of the Federal Judgment Fund which is funded by the taxpayers from every state. First the ratepayers paid for a service they did not receive, and now the taxpayers are paying again because of this lack of service. Will this hemorrhage of money ever end? Is Yucca Mountain really and truly "dead"? Is interim storage at a private site possible? Come hear the latest on what is being proposed in Congress and by private initiatives to move the nation's spent nuclear fuel.

Moderator: *Hon. Sarah Hofmann*, Member, Vermont Public Service Board

Panelists:

Robert Capstick, Director of Government, Public & Regulatory Affairs, Yankee Atomic Electric Company, Maine Yankee, and Connecticut Yankee

Ed Mayer, Program Director, Holtec Technology Campus & HI-STORE: A Holtec International UMAX Facility for Consolidated Interim Storage

Rod McCullum, Senior Director, Fuel and Decommissioning Programs, Nuclear Energy Institute (NEI)

Katrina McMurrian, Executive Director, Nuclear Waste Strategy Coalition
Hon. Anthony J. O'Donnell, Commissioner, Maryland Public Service
Commission

B. Water Planning Roundtable

Lafayette Room

Come participate in a roundtable discussion regarding the development and implementation of a statewide water plan for the State of Connecticut, which will be considered by the Connecticut State Legislature in Spring 2018.

Roundtable Leaders:

Hon. Jack Betkoski, Vice Chairman of Connecticut PURA

Michael Jennings, Senior Program Manager, New England Interstate Water
Pollution Control Commission

Kirk Westphal, Associate, CDM Smith

C. Ethics CLE for lawyers

Presidential Ballroom

Michael Sheehan, Senior Counsel, Liberty Utilities

Maureen Smith, Shareholder, Orr & Reno

6:15 p.m. Pre-dinner Reception *East Veranda*
Sponsored by the Retail Energy Supply Association, Itron, and Robinson & Cole

7:15 p.m. Dinner *Dining Room*

8:30 p.m. Dessert Reception *Conservatory*
Sponsored by the Northeast Gas Association

Tuesday, June 6, 2017

7:30 a.m. Continental Breakfast Buffet begins *Dining Room*

7:30 a.m. Telecom Breakout *Sun Dining Room*

Come discuss various telecommunications issues with Commissioners, state staff, and telecommunications professionals.

8:45 a.m. Plenary Panel *Grand Ballroom*
Regulation in the Age of Competition and Innovation

The telecommunications and electricity industries have advanced substantially since the days of vertically integrated utilities. Innovation and technology have led to an evolution in telecommunications with a variety of new products and services, such as cell phones and apps, competitive local service providers, and broadband and the Internet, reducing reliance on incumbent telecommunications providers while maintaining safety net service. Meanwhile, in a post-restructured electric industry, as reliance on distributed energy resources and energy efficiency

grows, a chorus of commentators question what the future will hold, and what the role of the regulated utility – and the regulator – should be. Developments in both industries raise a multitude of questions: Are there lessons that can be learned from one industry and applied in the other? What can markets best accomplish? What obligations, if any, must remain under the auspices of regulators? Can we provide incentives for innovation and investment and assure fairness across customers and customer classes? How do we judge success? This august panel will address these questions and more.

Moderator: *Hon. Kathryn Bailey*, Commissioner, New Hampshire Public Utilities Commission

Participants:

Kathleen Abernathy, Board Member, ISO New England and former Executive Vice President, Frontier Communications

Hon. Lorraine Akiba, Commissioner, Hawaii Public Utilities Commission

Janet Besser, Executive Vice President, Northeast Clean Energy Council

Louise McCarren, Independent Consultant

Barbara Tyrann, Executive Director, Government & External Relations, Electric Power Research Institute

10:15 a.m. Break

10:30 a.m. Batteries Not Included: *Grand Ballroom*
The Risk and Reward of Storage

Is storage the silver bullet of the electric industry? Increased reliance on intermittent resources with rapidly increasing distributed energy resources results in impacts across the electric system, from wholesale to distribution system operations. Many states are being asked to make big bets on batteries, but who will benefit from this rapidly evolving technology? What are the challenges for making policy decisions around technology that is moving and changing rapidly? As tests and studies pour in – from large-scale projects developed in the wake of the Aliso Canyon natural gas leak in California to distribution-scale projects here in New England – the question is whether storage is ready for “prime time.”

This panel will consider:

- What “peak” will storage actually chase?
- How will various technologies and programs be improved and/or hurt by storage?
- Will the market invest in storage without state support?
- How do state policy makers maximize benefits from investment in storage while avoiding detrimental impacts and diminishing returns?
- What policies can support the best outcomes for all customers?

Moderator: *Hon. Ned Bartlett*, Undersecretary of Energy and Environmental Affairs, Massachusetts Executive Office of Energy and Environmental Affairs

Panelists:

Jason Allen, VP of Operations – Power, AltaGas Services U.S

Richard Fioravanti, Principal, Engineering Management Consulting Practice
Energy and Utilities, Exponent

Jesse Jenkins, PhD Candidate, Massachusetts Institute of Technology

Tom Kaslow, Director, Market Design & Policy, FirstLight Power Resources

Christopher Parent, Director of Market Development, ISO New England

12:15 p.m. Luncheon *Dining Room*

Invitation to 2018 NECPUC Symposium, *Hon. Mark Vannoy*, Chair, Maine Public Utilities Commission

Presentation of George Dunn Award to Staff by *Hon. Martin Honigberg*, NECPUC President and Chair of the New Hampshire Public Utilities Commission

Hon. Jack Betkoski, First Vice President, National Association of Regulatory Utility Commissioners and Vice Chairman, Connecticut Public Utilities

Regulatory Authority

Tom Kaslow, Chair, New England Power Pool and Director, Market Design & Policy, FirstLight Power Resources

1:30 p.m. Plenary Session: From Ukraine to New England *Grand Ballroom*

In December 2015, the utility world was rocked by news of a widespread electricity outage in Ukraine. The result of illegal entry into a utility's computer and SCADA systems, the outage caused 225,000 customers to lose power for three hours, and the system to be switched to manual mode. According to NERC, the Ukrainian attack was the first cyber incident to result in power outages. Our speakers will discuss international cybersecurity concerns, the lessons to be learned and mitigation strategies that should be considered for New England.

Speakers:

Hon. Robert Scott, Commissioner, New Hampshire Public Utilities Commission

Arthur House, Chief Cyber Security Risk Officer, State of Connecticut

Joseph H. McClelland, Director, Office of Energy Infrastructure Security, Federal Energy Regulatory Commission

2:15 p.m. Break

2:30 p.m. Concurrent Sessions

A. International Session: Lessons for New England *Grand Ballroom*

What can we learn from other parts of the world? What global issues warrant special attention from a New England perspective? From China to Peru, and from Germany to Mexico, find out what other countries are focused on, including their successes and failures, and bring that knowledge back to your state. This panel of international experts is not to be missed.

Moderator: *Margaret Curran*, Chairperson, Rhode Island Public Utilities Commission

Panelists:

Richard Cowart, Principal and European Programs Director, Regulatory Assistance Project

Nativdad Martel, Vice President – Senior Analyst, Moody’s Investors Service

Milda Morkyte, Manager of International Programs, National Association of Regulatory Utility Commissioners

Paul Roberti, Executive Director, Advisory Services – Strategy, Ernst & Young

Frederick Weston, Principal and China Programs Director, Regulatory Assistance Project

B. Whiz Bang New Stuff: Telecom Edition *Grand Ballroom A*
There’s an App for That!

As a Symposium attendee, you have already heard about regulation in the age of technological innovation and the risk and rewards of storage innovations in the electricity industry. Now, we will hear about specific technological innovations across industries, with a focus on the intersection with telecommunications. The world is seemingly changing faster than the speed of light, with advances in telemedicine, autonomous vehicles, public safety and risk, and artificial intelligence resulting in the potential for massive market shifts. This panel will offer practical insight into the potential of this brave new future.

Moderator: *Hon. Karen Charles Peterson*, Commissioner of the Massachusetts Department of Telecommunications and Cable

Panelists:

Derek Doan, Senior Manager for the Northeast Region for Public Sector and Education Sales, T-Mobile

Colin Gounden, Chief Executive Officer, ViaScience

Kyle Mallinger, Director of Marketing, Zco Corporation

John Weaver, Attorney, McLane Middleton

5:15 p.m. Pre-dinner Reception Sponsored by ISO-NE *Conservatory*
6:30 p.m. Non-public dinner for state officials and NESCOE *Sun Dining Room*

Wednesday, June 7, 2017

Non-public session for state officials and their staff, NESCOE and invited guests.

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