

Program Co-Chairs:



Paul G. Alfonso, Esq.
Brown Rudnick LLP



Paul J. Hibbard
Analysis Group, Inc.

Who Should Attend:

*Attorneys, industry executives,
governmental officials and
customer representatives involved
with electric generation and
transmission issues*

A Comprehensive Two-Day Conference on Developing

Transmission in the Northeast

Resolving key issues from capacity to cybersecurity

January 23 & 24, 2014

One Financial Center Building

Credits: This program qualifies for CLE credits in all states.

Quick when/where: 8:30 a.m., 1 Financial Center

Transmission in the Northeast Conference

January 23 & 24, 2014 | Boston, Massachusetts
One Financial Center Building

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- 8:00 Registration Opens
- 8:30 Introduction and Overview
 - Paul G. Afonso, Esq., *Program Co-Chair***
Brown Rudnick LLP ~ Boston, MA
 - Paul J. Hibbard, *Program Co-Chair, Vice President***
Analysis Group, Inc. ~ Boston, MA
- 8:45 FERC Post-Order 1000 Transmission Proceedings with an Impact on the Northeast
 - Douglas W. Smith, Esq.**
Van Ness Feldman, LLP ~ Washington, DC
- 9:30 Update on Transmission Development in New England from Planning and Market Participant Perspectives

ISO transmission planning for getting the right resources to the right place at the right time: Market design, issues in the transition to more gas-fired generation and the potential retirement of older existing generating capacity

 - Stephen J. Rourke, *Vice President, System Planning***
ISO New England Inc. ~ Holyoke, MA

How development opportunities in New England compare to other regions of the country

 - Lisa M. Barton, *Executive Vice President, Transmission***
American Electric Power ~ Columbus, OH
- 10:30 Break
- 10:45 Transmission for Access to Canadian Resources

Perspectives from both sides of the border on issues for gaining access to generating resources operated by Hydro-Quebec or in Newfoundland and Labrador; update on progress towards siting of the Northern Pass transmission project

 - Carolyn O'Connor**
Director--External Affairs and Communications
Hydro-Quebec ~ Boston, MA
 - James A. Muntz, *President, Transmission***
Northeast Utilities ~ Berlin, CT
- 12:00 Lunch (on your own)

- 1:15 Coordinated Procurement and What It Implies for Coordinated Construction

Regional update on state interest in and approaches to coordinated procurement

 - Heather Hunt, Esq., *Executive Director***
NESCOE ~ Longmeadow, MA

Prospects for coordinated inter-state environmental review and siting: How it would work from a regulatory perspective

 - Rebecca L. Tepper, Esq., *General Counsel***
Massachusetts Department of Public Utilities ~ Boston, MA

Case study: New York aspects of environmental approvals for a coordinated project

 - Frank V. Bifera, Esq.**
Hiscock & Barclay LLP ~ Albany, NY
- 3:15 Break
- 3:30 Transmission's Role in Meeting the Goal of Cheap Power from a Political Perspective: How the Various New England States are Looking at It

Heating vs. other uses for electric energy; the economics of delivering electricity via transmission lines vs. gas through pipelines; the role for distributed generation, load management and other non-transmission alternatives

 - Susan F. Tierney, Ph.D., *Moderator, Managing Principal***
Analysis Group, Inc. ~ Boston, MA
 - Steven Clarke, *Assistant Secretary of Energy***
Massachusetts Executive Office of Energy and Environmental Affairs ~ Boston, MA
 - The Hon. Margaret E. Curran, Esq., *Chairperson***
Rhode Island Public Utilities Commission ~ Warwick, RI
 - The Hon. Amy L. Ignatius, Esq., *Chair***
New Hampshire Public Utilities Commission ~ Concord, NH
- 5:00 Continue the Exchange of Ideas: Reception for Faculty and Attendees

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About the Conference



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Ongoing challenges to the integration of economic renewable resources, the siting of transmission reliability projects and opening up access in the Northeast United States to resources in Eastern Canada, to name a few, have led states, system operators and industry executives in the Northeast to revisit questions related to transmission planning, the allocation of transmission costs among states and industry participants, and the priorities of state renewable energy policies. The challenges of large-scale transmission and resource planning are being further stressed by an emerging industry of advanced energy technologies that could change the fundamental footprint and operations of regional and local transmission and distribution grids.

This conference examines the issues surrounding transmission and advanced energy technology development along with the regulatory changes that are affecting expansion, coordination and planning efforts.

Our faculty will speak frankly about where the money is flowing and why, examining case studies from around the region and their implications. Their choices and decision-making processes provide practical tips and techniques for builders, operators and users of the electric transmission system.

~ Program Co-Chairs: Paul G. Afonso, Esq., Brown Rudnick LLP and Paul J. Hibbard, Vice President, Analysis Group, Inc.



8:30 Electric Grid Modernization: New Technologies Coming Down the Pike and Prospects for Adoption by Transmission and Distribution System Operators

Overview: The interplay of IP and regulatory issues in clean tech energy project development

Mark C. Kalpin, Esq.

Wilmer Cutler Pickering Hale and Dorr LLP ~ Boston, MA

Utility view of currently deployable modernization technologies

Janet Gail Besser

Vice President of Policy & Government Affairs
New England Clean Energy Council ~ Boston, MA

New technologies: A review of what looks the most promising

Ryan Katofsky, Director, Industry Analysis
Advanced Energy Economy ~ Boston, MA

Alternative ratemaking options: Practical challenges for integrating new technologies into system operations

Paul A. Centolella, Esq., Vice President
Analysis Group, Inc. ~ Boston, MA

10:30 Break

10:45 The Emerging Issue of Infrastructure Cybersecurity

Primary electric industry concerns: Emergence of Advanced Persistent Threats from organized crime and foreign governments; the need to leverage industry best practices to protect systems, detect potential problems and quickly respond in an effective way

Suedeem G. Kelly, Esq.

Akin Gump Strauss Hauer & Feld LLP ~ Washington, DC

Obama Administration initiatives: Update on implementation of Executive Order 13636 including development and provisions of the National Institute of Standards and Technology (NIST) Draft Cyber Security Framework

Mario Rebello, Senior Director, Government Affairs
Good Technology ~ Washington, DC

12:15 Lunch (on your own)

1:30 Cybersecurity Challenges and Solutions: Steps to Secure Electric Infrastructure and Grid Operations

Development of NERC's Cyber Security Transition Guidance: Primary risks and the evaluation of the pros and cons of various proposed solutions

Stephen M. Spina, Esq.

Morgan, Lewis & Bockius LLP ~ Washington, DC

ISO changes to achieve greater reliability and protect against contingencies

Stephen G. Whitley, President and CEO

New York Independent System Operator ~ Rensselaer, NY

Electric Smart Grid implementation: Addressing the additional risks arising from an internet of things

Andy Bochman, Principal

Bochman Advisors LLC ~ Brookline, MA

3:30 Evaluations and Adjourn

Upcoming Seminars:

Tribal Water in the Southwest	December 9-10, 2013	Albuquerque, NM
Litigating Class Actions	December 9-10, 2013	Chicago, IL
Natural Resource Damages	February 6-7, 2014	Washington, DC
The International Columbia River	February 13-14, 2014	Seattle, WA
Tribal Energy Development in the Great Lakes	February 20-21, 2014	Milwaukee, WI
Electric Utility Rate Cases	February 27-28, 2014	Las Vegas, NV
Best Practices in Patent Monetization	March 6-7, 2014	San Francisco, CA

See more at www.lawseminars.com



Registration & Other Conference Information

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Mail the registration form on the front page.

Walk-ins are welcome, subject to space availability.

Registration is complete when we receive payment or agree to later payment.

Tuition: Regular tuition for this program is \$1245 with a group rate of \$935 each for two or more registrants from the same firm. For government employees, we offer a special rate of \$830. For students and people in their job for less than a year, our rate is \$622.50. All rates include admission to all seminar sessions, food and beverages at breaks, and all course materials. Make checks payable to Law Seminars International.

Substitution & Cancellation:

You may substitute another person at any time. We will refund tuition, less a \$50 cancellation fee,

if we receive your cancellation by 5:00 p.m. on Friday, January 17, 2014. After that time, we will credit your tuition toward attendance at another program or the purchase of a Homestudy. There is a \$25 cancellation fee for Course Materials orders and \$50 for Homestudy orders.

Seminar Location: The conference will be held in the conference rooms at the One Financial Center Building at 1 Financial Center in Boston, MA 02111. Special thanks to Brown Rudnick LLP for making this space available.

Continuing Education Credits:

Live credits: This program qualifies for CLE credits in all states. We are an approved CLE provider in all states having mandatory CLE requirements. Upon request, we will apply for, or help you apply for, CLE credits and other types of credits.

If You Cannot Attend: Our complete Homestudy Course, consisting of a DVD recording and the course materials, is available for \$1255. The course materials alone are available for \$100. We will ship your Homestudy order via UPS ground within two weeks after the seminar or from the date we receive payment.

Faculty: Transmission in the Northeast Conference

Paul G. Afonso, *Program Co-Chair*, counsel, Brown Rudnick LLP, is co-practice leader of the Energy, Utilities and Environmental Group, and leads the Boston Government Law and Strategies Group. Previously, he was General Counsel and Chairman of the Massachusetts Public Utilities Commission.

Paul J. Hibbard, *Program Co-Chair*, Vice President, Analysis Group, Inc., is an expert on economics, transmission and resource planning, regulation and policy in the electric and natural gas industries. Previously, he was Chairman of the Massachusetts Department of Public Utilities.

Susan F. Tierney, Ph.D., *Moderator*, Managing Principal, Analysis Group, Inc., focuses on energy policy and economics, specializing in electric and gas industries. Formerly, she was Assistant Secretary for Policy at the U.S. DOE, Secretary of Environmental Affairs in Massachusetts, and Commissioner of the Massachusetts Public Utility Commission.

Lisa M. Barton, Executive Vice President of Transmission, American Electric Power, is responsible for the transmission organization, which includes its field services, engineering, construction, planning and system operations, and new transmission business ventures.

Janet Gail Besser, Vice President of Policy and Government Affairs at the New England Clean Energy Council, leads the policy and advocacy efforts to accelerate New England's clean energy economy to global leadership. Previously, she was Vice-President, Regulatory Strategy and Policy, at National Grid USA.

Frank V. Bifera, partner and Chair of the Environmental Practice Area at Hiscock & Barclay LLP, provides counsel to Fortune 500 companies on project development, from siting and permitting to regulatory compliance matters.

Andy Bochman, Principal, Bochman Advisors LLC, coaches energy companies and their regulators on security preparedness, governance and awareness. He was

recently Energy Security Lead for IBM's Security Systems.

Paul A. Centolella, Vice President at Analysis Group, Inc., is former Commissioner at the Public Utilities Commission of Ohio. He has both public and private sector experience in regulation, economic and energy consulting, and public utility and environmental law.

Steven Clarke is Assistant Secretary of Energy at the Massachusetts Executive Office of Energy and Environmental Affairs.

The Hon. Margaret E. Curran is Chairperson of the Rhode Island Public Utilities Commission.

Heather Hunt, Executive Director at NESCOE, previously had a regulatory law practice, and was Director of State Government Affairs at United Technologies Corporation.

The Hon. Amy L. Ignatius, Chair, New Hampshire Public Utilities Commission, was first appointed to the Commission in June 2009. Previously, was General Counsel to the Commission and Director of the New Hampshire Office of Energy and Planning.

Mark C. Kalpin, partner, Wilmer Cutler Pickering Hale and Dorr LLP, and Co-Chair of the Energy and Cleantech Group, focuses on the development of energy generation and natural resource projects.

Ryan Katofsky, Director of Industry Analysis at Advanced Energy Economy, is responsible for supporting initiatives with data-driven analysis, research and thought leadership. Previously, he was at Arthur D. Little and Navigant Consulting.

Sudeen G. Kelly, is partner and co-chair of the Energy Regulatory Practice at Akin Gump Strauss Hauer & Feld LLP, and former FERC Commissioner. She focuses on electricity and gas markets, enforcement and compliance, electricity transmission, natural gas infrastructure, LNG, renewables, electricity reliability standards and carbon emissions.

James A. Muntz, President of Transmission at Northeast Utilities, has leadership and management

responsibility for transmission operations in Connecticut, New Hampshire and Massachusetts, and also for the Northern Pass Project.

Carolyn O'Connor, Director of External Affairs and Communications at Hydro-Quebec, is responsible for enhancing awareness of HQ and HQUS with industry and state regulatory and legislative stakeholders. Previously, she was at ISO New England.

Mario Rebello is Senior Director of Government Affairs at Good Technology.

Stephen J. Rourke is Vice President, System Planning for ISO New England, and previously was the Director of Reliability & Operations Services. He is experienced in operations and planning of the New England bulk power system.

Douglas W. Smith, partner at Van Ness Feldman, LLP, was General Counsel to FERC and Deputy General Counsel for Energy Policy at the U.S. Department of Energy. He represents clients on regulatory matters before FERC and DOE and provides counsel on climate change, energy technology and renewable energy policy.

Stephen M. Spina, partner, Morgan, Lewis & Bockius LLP's Energy Practice, represents electric utilities and other electric industry participants before the FERC on industry restructuring, market investigations and regulatory issues under the Federal Power Act.

Rebecca L. Tepper, General Counsel at the Massachusetts Department of Public Utilities is chief legal advisor to the Commissioners and oversees adjudicatory and rulemaking proceedings. Previously, she was Director of the Massachusetts Energy Facilities Siting Board.

Stephen G. Whitley, President and Chief Executive Officer of the New York Independent System Operator (NYISO), is experienced in bulk power system planning and operations. Previously, he was Senior Vice President and Chief Operating Officer of ISO New England.

January 23 & 24, 2014
Boston, Massachusetts

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You Will Learn About:

- *FERC Post-Order 1000 transmission proceedings with an impact on the Northeast*
- *Update on transmission development in New England from planning and market participant perspectives*
- *Transmission for access to Canadian resources*
- *Coordinated procurement and what it implies for coordinated construction*
- *Transmission's role in meeting the goal of cheap power*
- *Electric grid modernization: New technologies coming down the pike*
- *The emerging issue of infrastructure cybersecurity*
- *Cybersecurity challenges and solutions*

To Register:

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