



# ISO New England Overview and Regional Update

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*Vermont System Planning Committee  
July 2017 Quarterly Meeting*

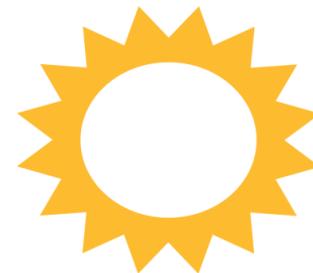
Molly Connors

EXTERNAL AFFAIRS REPRESENTATIVE



# ISO REPORTS AND UPCOMING ACTIVITIES

# ISO-NE Reports and Activities



## *Available Now:*

- [\*2017 Summer Outlook\*](#)
  - New England is expected to have **adequate** electricity supplies to meet consumer demand this summer; however, **tight supply margins** could develop if forecasted peak conditions occur
  - **Normal** summer weather peak demand forecast: **26,482 MW**
  - **Extreme** summer weather peak demand forecast: **28,865 MW**
- [\*Internal Market Monitor's 2016 Annual Markets Report\*](#)
  - The total value of the region's wholesale electric energy market, at **\$4.1 billion in 2016**, was down 30% from the 2015 value of \$5.9 billion
  - This is the **lowest annual energy market value** since 2003, when New England's wholesale energy markets were launched in their current form



# ISO-NE Reports and Activities



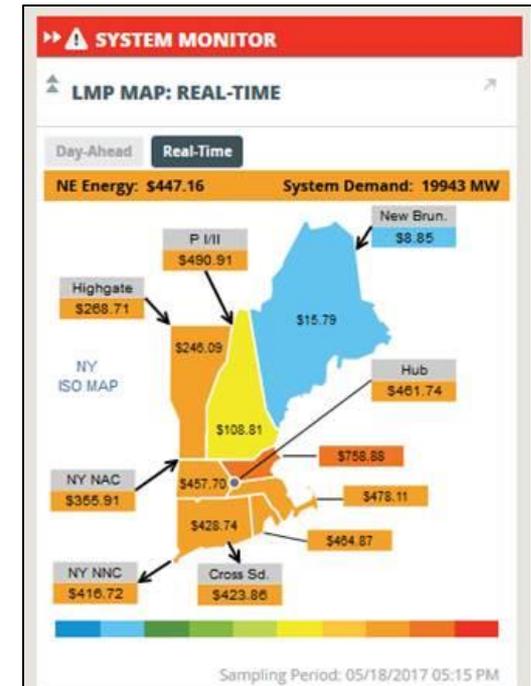
## *Coming Soon:*

- **Consumer Liaison Group**
  - September 7, in Vermont
  - December 7, in Boston
  - Meeting agendas, presentations, and summaries will be posted on the [CLG webpage](#)
- **[2017 Regional System Plan \(RSP\) Public Meeting](#)**
  - Thursday, September 14 in Boston
- **[Introduction to Wholesale Electricity Markets \(WEM 101\)](#)**
  - September 25 – September 29, in Northampton, MA
- **[Distributed Generation Forecast Working Group](#)**
  - October 20, Location TBD

# ISO-NE Reports and Activities

## *Of Interest:*

- Significant price variation on [May 18](#) highlights operational challenges of operating the grid during spring and fall
- ISO-NE prepared to operate grid through partial solar [eclipse](#) in August



# INTEGRATING MARKETS AND PUBLIC POLICY

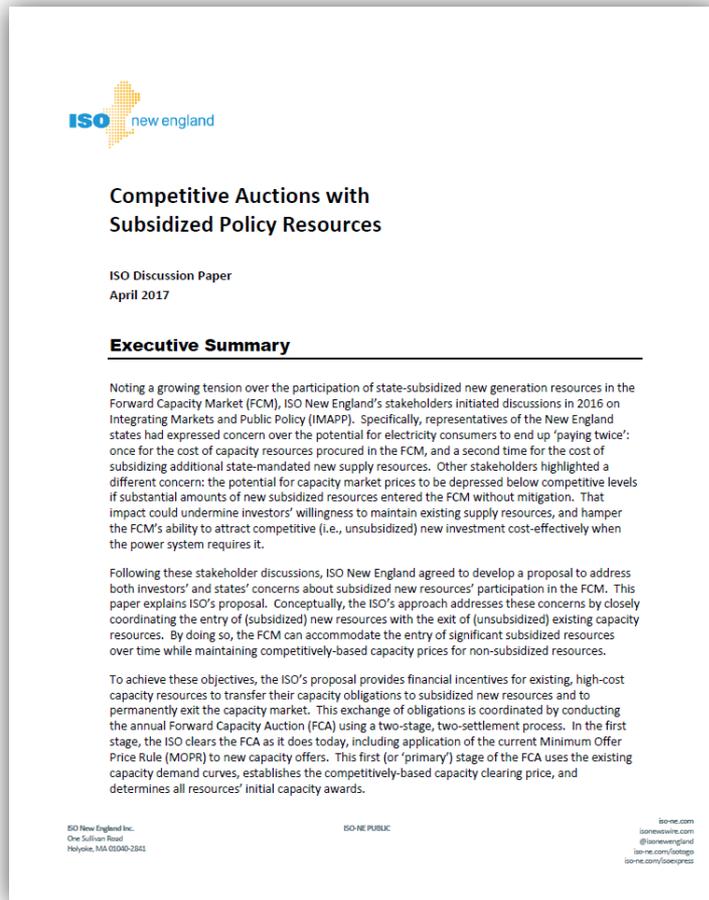


# The Integrating Markets and Public Policy (IMAPP) Initiative Explores Solutions Within the Marketplace

- Last year, market participants launched a stakeholder process to discuss potential market rule changes to **integrate** the region's wholesale electricity markets with the public policy goals of the New England states
- **Eight** meetings have been held to date
- Through that process, ISO New England has offered a **conceptual approach** that could be implemented in the near term, involving enhancements to the Forward Capacity Market (FCM).
  - *Competitive Auctions with Subsidized Policy Resources or “CASPR”*



# Detailed Discussion Paper Available on ISO Website



- Summarizes the challenges of integrating state policy resources into the FCM
- Presents the ISO's conceptual proposal and design principles in greater detail

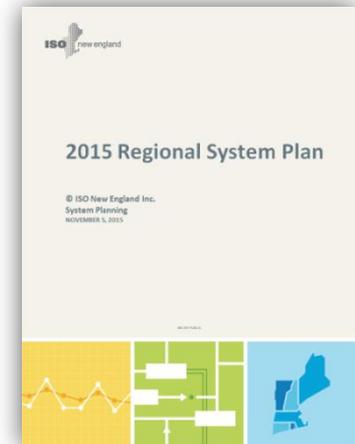
Note: Additional materials can be found on the ISO's [Wholesale Markets and State Public Policy Initiative](#) website and NEPOOL's [Integrating Markets and Public Policy](#) website.

# TRANSMISSION PLANNING UPDATE



# Overview of Transmission Planning

- As the **Regional Transmission Organization**, the ISO is required to identify backstop transmission infrastructure solutions that are essential for maintaining power system reliability in New England
- **Mandatory reliability standards**, set by the North American Electric Reliability Corporation, drive the need for transmission investment
  - Additional standards are set by the Northeast Power Coordinating Council (NPCC) and ISO Planning Procedures
- Through an **open stakeholder process**, the ISO develops long-range plans to address future system needs
  - Summarized in a **Regional System Plan (RSP)** and other regular reports, including the load forecast and Transmission Project List
- The transmission planning process is governed by a **FERC-approved tariff**, which has been revised to comply with FERC Order 1000

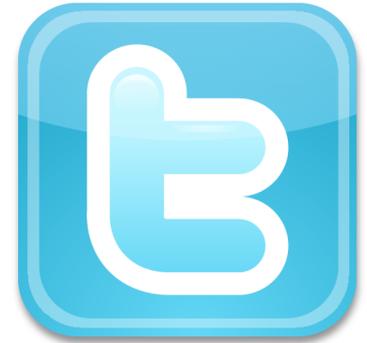


# Process for Identifying Public Policy Requirements

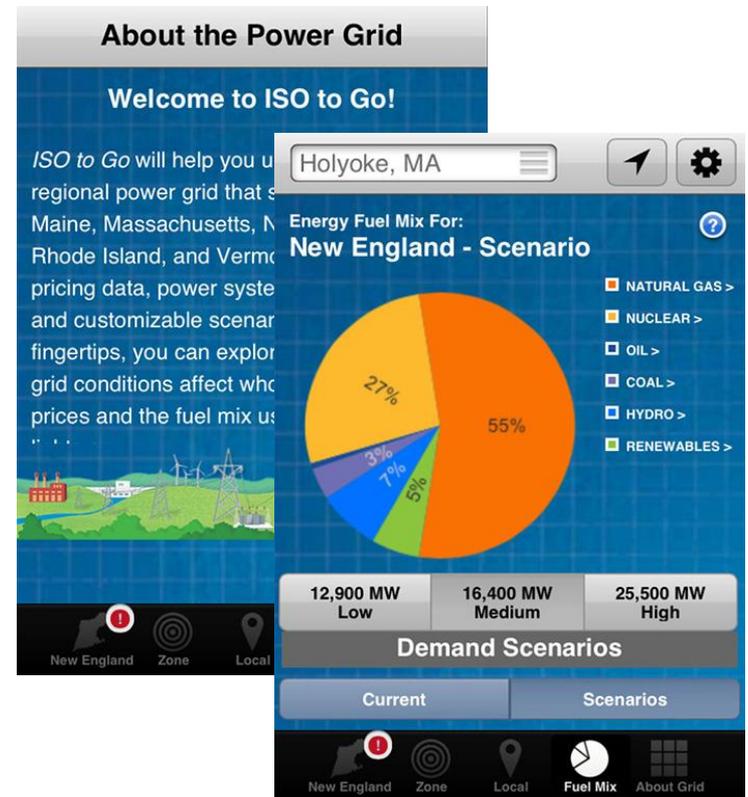
- The ISO initiated the Public Policy Transmission Upgrade (PPTU) process on **January 11**, with a Public Notice requesting input on state, federal, and local Public Policy Requirements driving transmission needs, if any
- Over the last several months the ISO consulted with stakeholders regarding potential public policy requirements
- On **May 1**, the New England States Committee on Electricity ([NESCOE](#)) shared its [views](#) with the ISO noting that the New England states have no public policies that drive the need for transmission in the current regional planning process
- Further, the ISO agreed that there are **no federal or local public policies** that drive the need for transmission in the regional planning process.
- For **additional information**, please see the presentation and stakeholder input posted on the [PAC website](#).



# For More Information...



- Subscribe to the **ISO Newswire**
  - [ISO Newswire](#) is your source for regular news about ISO New England and the wholesale electricity industry within the six-state region
- Log on to **ISO Express**
  - [ISO Express](#) provides real-time data on New England's wholesale electricity markets and power system operations
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# Questions

