

**Planning Advisory Committee
Doubletree Hotel, Milford, MA
April 26, 2018**

Mark Babula	ISO New England Inc.
Peter Bernard	ISO New England Inc.
Jon Black	ISO New England Inc.
Jon Breard	ISO New England Inc.
Dorothy Capra	NESCOE
Ray Coxe	Mosaic Energy Insights for Brookfield
Ben D'Antonio	NESCOE
Liz Delaney	Environmental Defense Fund
Ed DeVarona	Next Era Energy
Vandan Divatia	Eversource Energy
Michael Drzewianowski	ISO New England Inc.
Jeff Fenn	Emera Maine
Brian Forshaw	CMEEC
Michele Gardner	Next Era Energy
Brian Hayduk	New England Power
Jeff Iafrazi	Customized Energy Solutions
Eric Jacobi	FERC
Jeff Jones	Maine Power
Steven Judd	ISO New England Inc.
Tom Kiley	Northeast Gas Association
Michael Kuse	RTO Insider
Steve Leahy	Northeast Gas Association
Marc Lyons	ISO New England Inc.
Anne Margolis	Vermont Department of Public Utilities
Al McBride	ISO New England Inc.
Bruce McKinnon	New Hampshire Electric CoOp/Norwood Municipal/Utility Services
Shaun Morin	Eversource Energy
Susan Muller	Bores Renewables
Fred Ninotti	ISO New England Inc.
Brent Oberlin	ISO New England Inc.
Theodore Paradise	ISO New England Inc.
Fred Plett	Massachusetts Attorney General Office
Abhinav Rawat	New England Power
Victoria Rojo	ISO New England Inc.
Alex Rost	ISO New England Inc.
Jose Rotger	Cross Sound Cable
Bob Russo	Eversource Energy
Patricio Silva	ISO New England Inc.
Abhinav Singh	ISO New England Inc.
Bob Stein	HQUS/PSEG/NRG/Footprint
Brian Thomson	Massachusetts Wholesale Electric Company
Greg Wade	ISO New England Inc.
George Wegh	Eversource Energy

Item 1.0 – Chairs Remarks

Mr. Pete Bernard welcomed the committee and reviewed the day's agenda.

Mr. Bernard stated that we did not receive any 2018 Economic Study Requests.

Item 2.0 – Final 2018 CELT Forecast: ISO-NE, States, Load Zones and Subareas

Mr. Jon Black (ISO) provided an overview of the Final 2018 CELT Forecast: ISO-NE, States, Load Zones and Subareas.

Q – On slide six, under net load forecast. In regards to a single year such as 2025, how much change was there between the numbers between the 2017 and 2018 CELT values for the 2025 year?

A – We can provide those values for you.

Q – Are there any efforts to add electric vehicles to the report?

A – EV and heat pumps are several things that are on our radar and we plan to add those into to our annual load forecast over the next few years once we can better analyzed the data.

Comment – The granular data is very helpful and we prefer the values to be right rather than providing what could be inaccurate data earlier.

Item 3.0 – Regional Gas Market Update

Mr. Tom Kiley (Northeast Gas Association) provided an overview of the Reginal Gas Market Update.

Q – Could increasing storage contribute to price relief during times of severe cold weather?

A – Yes, but it would have to be LNG storage. This region doesn't have the geology to create large scale underground gas storage.

Q – Has EIA taken into account the Paris initiatives for carbon emissions as it pertains to natural gas?

A – I do not know that answer.

Q - Does NGA have information on how much gas use was dedicated for generator use during the 2017/2018 cold snap? We haven't heard of any generator that was not able to obtain gas during that period.

A – There was gas availability but the pipeline was at 100% capacity.

Item 4.0 – 2017/2018 Post Winter Seasonal Review

Mr. Mark Babula (ISO) provided an overview of the 2017/2018 Post Winter Seasonal Review.

Q – Can you provide a list of generators that were impacted by the emission limitations and were they state or federal limitations?

A – They were primarily dual fuel resources and it is limited on a monthly emission criteria basis and available hours remaining to run before they reached those emissions limits. They were federal limits administered by the states. We cannot specify the names of the impacted resources.

Q – Was it last year’s emissions cap or the 2018 emissions cap that was exhausted?

A – It was the 2018 emissions cap but they may receive an additional pro-rata cap increase for the remainder of the year.

Item 5.0 – Updated Needs Assessment to Reflect Latest Forecasts

Mr. Brent Oberlin (ISO) provided an update to the Needs Assessment to Reflect Latest Forecasts.

Comment – If the needs assessment is revised dramatically based on the revised load values, the group should be made aware of those changed results.

Other minor clarifications were asked and responded to by Mr. Oberlin.

Item 6.0 – ISO-NE Recommendations for Construction in Flood Hazard Areas

Mr. Michael Drzewianowski (ISO) provided ISO-NE Recommendations for Construction in Flood Hazard Areas.

Q – Will ISO determine whether a seawall or a full rebuild will be needed?

A – We will review the costs for both and then make that decision.

Q – Will this apply to new resource only?

A – Yes, it is just applicable to new resources and existing resources that have currently been found in flood violation.

Q – Is wave action accounted for?

A – It is in the FEMA maps for coastal resources but that will not apply to resources to inland resources on river waterways.

Q - Is there any thought of putting that in PP9?

A – That is a good point and we will take that back for discussion.

Q – Is storm surge the same as wave action?

A – They are different but both are covered under the FEMA flood guidelines.

Item 7.0 – Eastern Connecticut 2027 Needs Assessment Results Updates

Mr. Jon Breard (ISO) provided an update to the Eastern Connecticut 2027 Needs Assessment Results.

Comment – Based upon questions regarding unusual and unexpected findings in the base case, a review is being performed by Eversource of the capacitor settings provided for the area base case.

Q – Have the conversation started with Eversource and CMEEC yet?

A – No. We expect those discussions to begin in late May 2018.

Item 8.0 – SEMA/RI 2026 Preferred Solutions Update – Line J16S and 323 Line Structure Replacement

Mr. Kannan Sreenivasachar (ISO) provided an update to the SEMA/RI 2026 Preferred Solutions Update – Line J16S and 323 Line Structure Replacement.

There were no questions from the committee on this topic.

Item 9.0 – FCA 13 Zonal Boundary Determinations

Mr. Al McBride (ISO) provided an overview of the FCA 13 Zonal Boundary Determinations.

Q - If you revise the interface import capability for a tie, will that affect the tie benefits for FCA 13?

A – Tie benefits will not be impacted for FCA 13.

Q - When will you determine when you will officially determine if zones will be developed.

A – We will need the show of interest submissions which are due tomorrow. That will allow us to bring MW quantities and the triggers to the PSPS as well as the Maine clustering pieces. As such we are looking at May or June to finalize.

Item 10.0 – Transmission Planning Technical Guide Update

Mr. Steve Judd (ISO) provided an update to the overview to the Transmission Planning Technical Guide.

Q - Will you periodically review the PV performance levels?

A – Yes that is part of our ongoing process to review the PV performance levels.

Planning Advisory Committee meeting adjourned at 1:45 PM

Respectively submitted

Marc Lyons
Secretary, Planning Advisory Committee