

**Planning Advisory Committee
Doubletree Hotel, Westborough, MA
October 20, 2016**

Bob Andrew	Eversource Energy
Dwayne Basler	Eversource Energy
Denis Bergeron	Maine Public Utilities Commission
Peter Bernard	ISO New England Inc.
Alex Boutsoulis	United illuminating
Cal Bowie	Eversource Energy
Dave Bradt	United Illuminating Company
David Burnham	Eversource Energy
Dorothy Capra	NESCOE
Bob Case	Eversource Energy
Ray Coxe	Mosaic Energy Insights for Brookfield
Fabio Dallorto	ISO New England Inc.
Mike Drzewianowski	ISO New England Inc.
Jeff Fenn	Emera Maine
Kevin Flynn	ISO New England
Gabriel Gabremicael	New England Power Company
Steve Garwood	New Hampshire Transmission
Mike Giamo	ISO New England Inc.
Jeff Iafrati	Customized Energy Solutions
Faheem Ibrahim	ISO New England Inc.
Eric Jacobi	FERC
Keith Jones	Eversource Energy
Bill Killgoar	LIPA
Abby Krich	Boreas Renewables
Marc Lyons	ISO New England Inc.
Tim Martin	New England Power Company
George McCluskey	New Hampshire Public Utilities Commission
Bruce McKinnon	CMEEC
Ed McNamara	Vermont Department of Public Service
Chris Morin	Central Maine Power Company
Margaret Neves	Power Engineers
Brent Oberlin	ISO New England Inc.
Paul Peterson	Synapse
Dan Phelan	New Hampshire Public Utilities Commission
Fred Plett	Massachusetts Attorney General Office
Hantz Presume	Vermont Electric Power Company
Abhinav Rawat	New England Power Company
Alex Rost	ISO New England Inc.
Jose Rotger	Emera Energy
Eric Runge	Day Pitney
Bob Russo	Eversource Energy
Melissa Scott	New England Power Company
Patricio Silva	ISO New England Inc.
Mike Smalec	Connecticut PURA
Kannan Sreenivasachar	ISO New England Inc.
Bob Stein	HQUS/PSEG/NRG/Footprint
Jinlin Zhang	ISO New England

Item 1 – Chair’s Remarks

Mr. Peter Bernard welcomed the committee and reviewed the day’s agenda. Mr. Bernard advised the committee that we have added an additional PAC Meeting scheduled for November 29, 2016.

Mr. Bernard also advised the committee that today’s topic A07 - SEMA/RI 2026 Needs Assessment Update has been revised. The revision was driven by an extension of the comments period on the SEMA/RI 2026 Needs Assessment Addendum to November 21, 2016.

Item 2.0 – Regional System Plan Project List and Asset Conditions – October 2016

Mr. Brent Oberlin (ISO) provided an overview of the Regional System Plan Project List and Asset Conditions.

Q – Is there a threshold for projects to get on the asset conditions list?

A – Yes, there is a \$5M project cost threshold.

Q – When is the decision made to select projects to get on the project list/asset conditions list?

A – As stated before, there is a \$5M project cost threshold as well as when the information is provided by the equipment owner.

Item 3.0 – 3424 Line Asset Conditions/Storm Hardening

Mr. John Case (Eversource) provided an overview of the 3424 Line Asset Conditions/Storm Hardening Project.

Q – I don’t recall these types of asset conditions (poll damage) project coming before the PAC in past years. Why is there such an influx of these types of projects recently?

A – There was a large build out of the New England transmission system 40 or 50 years ago. As such, the wooden polls have reached the end of their expected life cycle and need to be replaced. This impacts all of the Transmission Owners.

Q - What is the life expectancy of the 90 polls on the 3424 line that are not being replaced?

A - We felt the polls that are not being replaced were in sufficiently good condition so they were not included in this project. We will continue to inspect the polls annually and we will reassess poll replacement as future conditions warrant.

Item 4.0 – MEPCO 345 kV Structure Replacement

Mr. Chris Morin (CMP) provided an overview of the MEPCO 345 kV Structure Replacement Project.

Comment – What is the size of the conductor on the New Brunswick side? If it not compatible with a proposed conductor size increase on the Maine end, it would not be practical to perform reconductoring in Maine.

Q - The 392 line has the same vintage as the other MEPCO lines. Why wasn't that included as part of this project?

A – I agree that the line and polls are a similar age, but a decision was made not to address the 392 line at this time.

Comment - If we Reconductor the line there will be impedance changes and that should be considered going forward.

Q - What is the structure type going forward, will it be steel?

A - I believe the project will consist of wood poll replacement due to the cost considerations of steel polls.

Comment – Could CMP/MEPCO provide an additional cost estimate if a decision is made to Reconductor the area lines.

A – CMP/MEPCO will take that back for review.

Item 5.0 – New Hampshire 2023 Solution Study Update

Ms. Jinlin Zhang (ISO) provided an update regarding the New Hampshire 2023 Solution Study.

Various minor clarification questions were asked and responded to by Ms. Zhang.

Item 6.0 – Kingston Street Station Asset Conditions and Solutions

Mr. Bob Andrew (Eversource) provided an overview of the Kingston Street Station Asset Conditions and Solutions.

Q – Are some of the costs related to the Greater Boston upgrades?

A – Yes, there are costs associated with the Greater Boston upgrades, but there are asset conditions issues that must be addressed. We can resolve both the asset conditions issues as well as the required Greater Boston Upgrades at the same time.

Q – On slide 18, what is the purpose of Circuit Breaker 11?

A – The manufacturers stated that we need to replace CB 11 now and it will tie in at the same electrical place but a different physical location.

Item 7.0 – SEMA/RI 2026 Needs Assessment Update

Mr. Kannan Sreenivasachar (ISO) provided an update regarding the SEMA/RI 2026 Needs Assessment.

Q – Is there one solution to resolve the two needs in the area?

A – No, this part of the SEMA/RI review identifies all the area needs. It is not a solution study. We found two additional needs that were not initially identified in the first needs assessment study. One is a resolution to the DCT issue. The other is the J16 line.

Q - Is the November 21st comments deadline for the entire SEMA/RI project or is just for the most recent addendum posted on October 17, 2016?

A – It just pertains to the addendum posted on October 17th.

Planning Advisory Committee meeting adjourned at 11:45 AM

Item 8.0 – TOPAC Local System Plans

The regional Transmission Operators provided their annual Local System Plans. As this is not under the purview of the PAC, no meeting notes for the TO's LSP presentations will be provided.

Respectively submitted

Marc Lyons
Secretary, Planning Advisory Committee