

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

Mark Babula	ISO New England Inc.
Dwayne Basler	Eversource Energy
Denis Bergeron	Maine Public Utilities Commission
Curt Beveridge	Central Maine Power Company
Cal Bowie	Eversource Energy
Dave Bradt	United Illuminating Company
Dorothy Capra	NESCOE
Molly Connors	ISO New England Inc.
Wayne Coste	ISO New England Inc.
Ray Coxe	Mosaic Energy Insights for Brookfield
Greg Cunningham	Conservation Law Foundation
Ben D'Antonio	NESCOE
Paul Dumais	Central Maine Power Company
Frank Ettori	Vermont Electric Power Company
Jeff Fenn	Emera Maine
Ellen Foley	ISO New England Inc.
Kevin Fougere	Quanta Technologies
Bill Fowler	Exelon
Steve Garwood	New Hampshire Transmission
Mike Giaimo	ISO New England Inc.
Ryan Hakim	London Economics
Brian Hayduk	New England Power Company
Mike Henderson	ISO New England Inc.
Roxanne Huff	Eversource Energy
James Hyland	Massachusetts Wholesale Electric Company
Jeff Iafrazi	Customized Energy Solutions
Sarah Jackson	Synapse Energy Economics
Eric Jacobi	FERC
Tom Kaslow	GDF Suez
Tom Kiley	NGA
Bill Killgoar	LIPA
Steve Kirk	Exelon
Stephen Leahy	NGA
Barbara Lynch	ISO New England Inc.
Marc Lyons	ISO New England Inc.
Bruce McKinnon	CMEEC
Tim Martin	New England Power Company
Mary Menino	Massachusetts Department of Public Utilities
John Moskal	US EPA
Brent Oberlin	ISO New England Inc.
Theodore Paradise	ISO New England Inc.
Paul Peterson	Synapse Energy Economics
Fred Plett	Massachusetts Attorney General Office
Hantz Presume	Vermont Electric Power Company
MQ Riding	Essential Power
Jose Rotger	Emera Energy
Steve Rourke	ISO New England Inc.
Eric Runge	Day Pitney
Lou Sahlu	Massachusetts DOER
Phil Smith	Energy New England
Christopher Soderman	Eversource Energy
Joe Staszowski	Eversource Energy
Vickie VanZandt	ISO New England Board

Item 1 – Chair’s Remarks

Mr. Steve Rourke welcomed the committee and reviewed the day’s agenda.

Item 2 – Post Winter 2015/2016 Review

Mr. Mark Babula (ISO) provided a Post Winter 2015/2016 Review.

Q – Why isn’t Everett listed on slide 16?

A – The information was pulled from a FERC presentation. I don’t know why it isn’t on the slide. I can follow up with that.

Item 3 – Northeast Gas Association (NGA) Regional Gas Update

Mr. Tom Kiley (NGA) staff provided their annual regional gas update.

Q - What impact does the natural gas glut have on future development of wells?

A – It is having an impact on the closure of some existing wells and development of new wells. However, there is still a significant amount of natural gas output from the wells that are still on line.

Q – What is the cause of the decline of methane emissions related to natural gas?

A – It is the result of significant upgrades on the natural gas infrastructure.

Item 4 – Interregional Planning Update

Mr. Mike Henderson (ISO) provided an Interregional Planning Update.

Q - Could you provide a link to the NREL data?

A – We can get you that.

Q – On slide 7, is Newfoundland a part of NPCC?

A – Not at this time, but they are considering becoming a part of NPCC.

Item 5 – X176 (Ludlow-Thorndike-Palmer) 115 kV Line Rebuild

Mr. Chris Soderman (Eversource) provided an overview of the X176 (Ludlow-Thorndike-Palmer) 115 kV Line Rebuild Project.

Q - Why are you replacing 37 structures instead of all 39 on the line?

A – The remaining polls are steel frame and were recently installed. They do not need replacement. The 37 wood frame structures have significant decay and do need replacement.

Item 6 – 1211 (Doreen-Oswald Junction) 115 kV Structure Replacement

Mr. Chris Soderman (Eversource) provided an overview of the 1211 (Doreen-Oswald Junction) 115 kV Structure Replacement Project.

Q – Will you be using the 1272 ACLS Conductor?

A – Not for this project.

Q – What is the rust protection for the structures?

A - Core 10 weathering steel.

Item 7 – 2016 Economic Study Stakeholder Presentation

Mr. Bob Stein, representing NEPOOL, provided their 2016 Economic Study Stakeholder Presentation pertaining to the implementation of various public policy initiatives.

Q – Many of the TO's have just completed their Bright Line topology, will that be part of the transmission base cases?

A – We anticipate anything currently on the project list will be part of the base case topology.

Q – Regarding the installation of new generation, will there be a lump installation for 2025 and another in 2030 to replace the assumed fossil fuel generation retirements? Also, how will carrying costs be allocated?

A- The introduction, timing and number of new generators will be decided by NEPOOL. We will then use that information as we develop the base cases. Regarding carrying costs, it will be based on anticipated life of assets, interest rates, rates of return, depreciation, etc...

Q - Will imports be price sensitive?

A – We will look to NEPOOL to make the decision on that. We can make it price sensitive or we can choose not to?

Comment – How will CTS be addressed between imports and exports with New York?

Item 8 – 2016 CELT ISO-NE and States Annual Energy and Seasonal Peak Forecast

Mr. Dave Ehrlich (ISO) provided an overview of the 2016 CELT ISO-NE and States Annual Energy and Seasonal Peak Forecast.

Minor clarification questions were asked and responded to by Mr. Ehrlich.

Planning Advisory Committee meeting adjourned at 2:15 PM

Respectively submitted

Marc Lyons
Secretary, Planning Advisory Committee