Planning Advisory Committee Doubletree Hotel, Westborough, MA August 3, 2017

Bob Andrew	Eversource Energy
Eric Annes	Connecticut DEEP
Denis Bergeron	Maine Public Utilities Commission
Peter Bernard	ISO New England Inc.
Marcia Blomberg	ISO New England Inc.
David Burnham	Eversource Energy
Dorothy Capra	NESCOE
Nicholas Cicale	Next Era Energy Marketing
Stephen Conant	Anabaric
Ray Coxe	Mosaic Energy Insights for Brookfield
Greg Cunningham	Conservation Law Foundation
Ben D'Antonio	NESCOE
Suresh Dave	TDI
Jeff Fenn	Emera Maine
Brian Forshaw	CMEEC
Bill Fowler	Exelon/Dynegy/Calpine
Nicholas Gangi	Eversource Energy
Steve Garwood	New Hampshire Transmission
Monica Gonzalez	ISO New England Inc.
Mike Henderson	ISO New England Inc.
Jeff Iafrati	Customized Energy Solutions
David Ismay	Conservation Law Foundation
Jeff Jones	Maine Power
Steve Judd	ISO New England Inc.
Seth Kaplan	EDP Renewables
Rich Kowalski	ISO New England Inc.
Abby Krich	Boreas Renewables
Marc Lyons	ISO New England Inc.
Tim Martin	New England Power Company
Al McBride	ISO New England Inc.
George McCluskey	New Hampshire Public Utilities Commission
Bruce McKinnon	South Hadley Municipal & Norwood
Chris Morin	Avangrid
John Moskal	U.S. EPA
Steffi Muhanji	ISO New England Inc.
Margaret Neves	Power Engineers
Brent Oberlin	ISO New England Inc.
Paul Peterson	Synapse
Fred Plett	Massachusetts Attorney General Office
Francis Pullaro	Renew
Abhinav Rawat	New England Power Company
Phillip Ross	EDP Renewables
Jose Rotger	Cross Sound Cable Company
Eric Runge	Day Pitney
Carissa Sedlacek	ISO New England Inc.
Patricio Silva	ISO New England Inc.
Brian Thomson	MMWEC
Pradip Vijayan	ISO New England Inc.

Greg Wade	ISO New England Inc.
George Wegh	Eversource Energy
Carol Wendel	ISO New England Inc.
Peter Wong	ISO New England Inc.

Item 1.0 – Chair's Remarks

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

Mr. Bernard announced that the SOARES topic will not be presented today but the presentation has been posted for stakeholder review. Comments on the presentation should be sent to PACMatters@iso-ne.com. The presentation will be reviewed at a future PAC meeting.

Item 2.0 – Draft RSP 17 Page Turn and Stakeholder Comments Review

Mr. Mike Henderson (ISO) reviewed the Draft RSP 17 Report and provided responses to submitted stakeholder comments.

Q - Will we be received a revised RSP 17 prior to posting the final RSP 17 Report to ensure the comments were correctly annotated?

A - We will post a draft of the final report prior to the RSP 17 Public Meeting. Comments are to be sent to ISO by September 7th.

Comment – Stakeholders expressed concern that there is CEII protection on the Draft RSP document. It makes it difficult to circulate to their clients in order to ask for comments on the report.

Comment – The stakeholders have not been directly involved with the development of the fuel security study and the language in the RSP should reflect that.

A – The fuel security report is still under development at ISO and is expected to be brought before the stakeholders in the fall. At that time we will seek their feedback and contributions to the report.

Comment – On comment 25, the entire sentence should be deleted as the states are not wholly responsible for the existing price formation issues that have been in place since the beginning of the markets.

<u>Item 3.0 – 2016 Economic Study Phase II – Regulation, Ramping and Reserves Study Methodology</u>

Mr. Steve Judd (ISO) provided an overview of the 2016 Economic Study focusing on Regulation, Ramping and Reserves.

Comment – Stakeholders requested additional expansion of how the near term forecast uncertainty is derived.

Comment – On slide 12, you should have the number of starts added to the assumptions.

Q – In regards to a battery storage devise, is that a spinning or non-spinning device?

A – It depends but we will take that back.

Q – What will the load level be as part of the study assumptions?

A - We will be using 2013 historical imports and exports as part of the load assumptions.

<u>Item 4.0 – Maine Resource Integration Study – Scenarios and Cost Estimates</u>

Mr. Al McBride (ISO) provided an overview of the Maine Resource Integration Study focusing on scenarios and project cost estimates.

- Q Would you consider a generator line lead greater than 345 kV to address the double circuit issue as well as the reactive issues?
- A We could possibly look at that solution in the future.
- Q Will you update the report with the list of potentially eligible projects?
- A We will definitely update that list within the final report.
- Q What is the MW break point for both the northern and western studies where a significant line upgrade would be needed?
- A We will take that back.

Planning Advisory Committee meeting was adjourned at 2:15 PM

Respectively submitted

Marc Lyons Secretary, Planning Advisory Committee