

**Planning Advisory Committee
Doubletree Hotel, Westborough, MA
May 24, 2017**

Farhad Aminpour	Clean Energy Analytics
Bob Andrew	Eversource Energy
Eric Annes	Connecticut DEEP
Denis Bergeron	Maine Public Utilities Commission
Peter Bernard	ISO New England Inc.
David Beron	New England Power Company
Dorothy Capra	NESCOE
John Case	Eversource Energy
Ray Coxe	Mosaic Energy Insights for Brookfield
Kelley Csizmesia	New England Power Company
Ben D'Antonio	NESCOE
Vandan Divatia	Eversource Energy
Bilgehan Donmez	AMSC
Paul Dumas	Avangrid
Jeff Fenn	Emera Maine
Brian Forshaw	CMEEC
Kevin Fougere	Quanta Technologies
Steve Garwood	New Hampshire Transmission
Mike Giamo	ISO New England Inc.
Monica Gonzalez	ISO New England Inc.
Mike Henderson	ISO New England Inc.
Jeff Iafrazi	Customized Energy Solutions
David Ismay	Conservation Law Foundation
Eric Jacobi	FERC
Russel Johnson	Eversource Energy
Steve Judd	ISO New England Inc.
Shelia Keane	Massachusetts Department of Public Utilities
Andrew Kniska	ISO New England Inc.
Manasa Kotha	ISO New England Inc.
Rich Kowalski	ISO New England Inc.
Abby Krich	Boreas Renewables
Marc Lyons	ISO New England Inc.
Kevin Mankouski	ISO New England Inc.
Tim Martin	New England Power Company
Al McBride	ISO New England Inc.
Bruce McKinnon	South Hadley Municipal & Norwood
Chris Morin	Avangrid
Margaret Neves	Power Engineers
Brent Oberlin	ISO New England Inc.
Theodore Paradise	ISO New England Inc.
Hantz Presume	VELCO
Francis Pullaro	Renew
Abhinav Rawat	New England Power Company
Barry Sheingold	New Energy Ops
Shariq Siddiqui	ISO New England Inc.
Patricio Silva	ISO New England Inc.
Mike Smalec	Connecticut PURA
Abby Snow	RLC Engineering
Ross Stairs	NB Power

Dave Thompson	Connecticut OCC
Paul Williamson	APEX Clean Energy
Peter Wong	ISO New England Inc.
Fei Zeng	ISO New England Inc.

Item 1.0 – Chair’s Remarks

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

Mr. Brent Oberlin (ISO) provided an update regarding Public Policy.

Mr. Bernard provided notification to the committee that the CELT 2017 Load and Capacity Resource Overview report has been posted. Questions on the presentation are to be directed to PACMatters@iso-ne.com.

Mr. Steven Judd (ISO) provided a Transmission Planning Assumptions update.

Item 2.0 – Maine Resource Integration Study Results

Mr. Al McBride (ISO) provided an overview of the Maine Resource Integration Study Results.

Q – Will we be moving to Phase 2 work (cluster system impact study) before the HVDC work is complete?

A – That is correct.

Q - If a resource is part of the AC alternative but the HVDC solution is chosen, is the AC resource excluded from the project?

A – We will look at all alternatives and attempt to include all resources as part of the final solution.

Q - Why are the STATCOMS on the line itself versus in bays?

A - We will need to take that back for research to determine why we configured the STATCOMS on the lines directly.

Q - Is there an option to have a common synchronous condenser?

A – It would be difficult to have a common condenser because during an outage, how would we allocate dispatch equally.

Q - What would be the sensitivities around Northern Pass?

A – It is a queued, approved project and is required to be included in the testing.

Item 3.0 – Replace Scobie Pond TB 30 Transformer

Mr. Bob Andrew (Eversource) provided an overview of the Replacement of the Scobie Pond TB 30 Transformer.

Q – How does the spare transformer cost \$10M if it’s already on hand?

A – The spare wasn’t initially included in rates.

Q - Is the spare transformer installation permanent or temporary?

A – Permanent and we will be obtaining another transformer as the new spare.

Item 4.0 – Salem Harbor 115 kV Substation Asset Conditions

Ms. Kelly Csizmesia (NGrid) provided an overview of the Salem Harbor 115 kV Substation Asset Conditions.

Q - What is the size of the new breakers?

A – 69 kV

Item 5.0 – 3419 Line Asset Conditions and OPGW Project

Mr. John Case (Eversource) provided an overview of the 3419 Line Asset Conditions and OPGW Project.

Q – Is the OPGW a transmission related item?

A – It is and used for lighting shielding, relaying, SCADA communication, etc...

Item 6.0 – Representative ICR and Associated Values

Ms. Manasa Kotha (ISO) provided an overview of Representative ICR and Associated Values.

Minor clarification questions were asked and responded to by Ms. Kotha.

Item 7.0 – Representative Future Locational Reserve Needs for Major Import Areas

Mr. Fei Zeng (ISO) provided an overview of Representative Future Locational Reserve Needs for Major Import Areas.

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

Planning Advisory Committee meeting was adjourned at 2:15 PM

Respectively submitted

Marc Lyons
Secretary, Planning Advisory Committee