

**Planning Advisory Committee  
 Doubletree Hotel, Westborough, MA  
 March 22, 2017**

Bruce Anderson	NEPGA
Bob Andrew	Eversource Energy
Dwayne Basler	Eversource Energy
Denis Bergeron	Maine Public Utilities Commission
Peter Bernard	ISO New England Inc.
Jon Black	ISO New England Inc.
Cal Bowie	Eversource Energy
Dorothy Capra	NESCOE
John Case	Eversource Energy
Dave Cavanaugh	NRG
Nicholas Cicale	NextEra
Stephen Conant	Anabaric Transmission
Ray Coxe	Mosaic Energy Insights for Brookfield
Jeff Dannels	ConEd Energy
Michael Drzewianowski	ISO New England Inc.
Frank Etori	VELCO
Jeff Fenn	Emera Maine
Brian Forshaw	CMEEC
Kevin Fougere	Quantum Technologies
Bill Fowler	Exelon/Dynegy
Cecile Fraser	Massachusetts Public Utilities Commission
Steve Garwood	New Hampshire Transmission
Joel Gordon	PSEG
Rich Heidon	RTO Insider
Steve Judd	ISO New England Inc.
Shelia Keane	Massachusetts Department of Public Utilities
Michael Kuser	RTO Insider
Paul Lopes	Massachusetts DCAM
Marc Lyons	ISO New England Inc.
Tim Martin	New England Power Company
Bruce McKinnon	CMEEC
Chris Morin	Central Maine Power
John Moskal	U.S. EPA
Susan Muller	Bores Renewables
Margaret Neves	Power Engineers
Fred Ninotti	ISO New England Inc.
Brent Oberlin	ISO New England Inc.
Paul Peterson	Synapse
Daniel Phelan	New Hampshire Public Utilities Commission
Fred Plett	Massachusetts Attorney General Office
Hantz Presume	VELCO
Abhinav Rawat	New England Power Company
Matthew Robinson	RLC Engineering
Victoria Rojo	ISO New England Inc.
Eric Runge	Day Pitney
Patricio Silva	ISO New England Inc.
Mike Smalec	Connecticut PURA
Bob Stein	HQUS/PSEG/NRG/Footprint
Brian Thomson	Massachusetts Wholesale Electric Company

David Thompson	Connecticut Public Utilities Commission
Pradip Vijayan	ISO New England Inc.
Greg Wade	ISO New England Inc.
George Wegh	Eversource Energy

### **Item 1.0 – Chair’s Remarks**

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

Mr. Mike Henderson (ISO) provided an update regarding the 2016 Economic Study.

*Q – Could you summarize the schedules for the report and the Phase II work?*

A – We can do that and get that posted and distributed to the PAC.

*Q – Have you posted the comments that have been received?*

A – We can check on that and ensure that any comments received on the 2016 Economic Study are posted.

Mr. Abhinav Rawat (NGRID) provided an update on the NGRID proposal for the SEMA/RI project on the Group 2 Needs. NGRID did not get the support needed to localize the costs. As such NGRID is supporting the ISO proposal and withdrawing the NGRID Group 2 proposal.

### **Item 2.0 – New England Energy Efficiency, Photovoltaic and Load Forecast Update**

Mr. Jon Black (ISO) and Ms. Victoria Rojo (ISO) provided an overview of the New England Energy Efficiency, Photovoltaic and Load Forecast.

*Q - How is the energy measured on the passive DR?*

A – We take the monthly performance data and we convert that back to energy. We get state load factors and we use that as a proxy.

*Q – Is that methodology written down anywhere?*

A – Not now but we can write something up that details that methodology.

*Q – What are the specific types of resource that make up passive DR?*

A - On peak and seasonal peak which is mostly energy efficiency.

*Q - What about behind the meter solar? Is that included in passive DR?*

A – It is not.

*Comment – The ISO control room should have access to real time PV performance.*

*Q - Could you add the daily ISO PV forecast in the Morning Report?*

A – I don’t believe we can publish the daily PV forecast at this time but we are working towards that result.

*Q - In regards to the shifting peak hour, has this come into play as part of this forecast?*

A – We have seen a shift in the peak hour and we have captured this in the forecast numbers.

### **Item 3.0 – Keene Road Market Efficiency Transmission Upgrade**

Mr. Brent Oberlin (ISO) provided an overview of the final determination for the need of a METU at the Keene Road Substation.

*Comment – There is a solution for that which is in the cost boundaries that ISO has chosen not to pursue.*

A – The project referenced is for the installation of an SPS in the area which ISO is not in favor of.

#### **Item 4.0 – Updates to System Studies**

Mr. Brent Oberlin (ISO) provided an overview of the recent updates to how ISO will perform System Study reviews.

*Comment – NESCOE is very much in favor of this new process.*

*Q - How does this new process and study stoppage roll into the generation interconnection process?*

A – These changes would not impact the generator interconnection studies.

*Q – Will you be performing regular reviews of the study case “library”?*

A – We anticipate installing a mechanism to update the study case library as the system topology changes.

*Q - Will you update the Process Guides to reflect these changes?*

A – If this goes as well as we expect it too, we will update the Process Guide to reflect these changes.

#### **Item 5.0 – Transmission Assumptions Update**

Mr. Rich Kowalski and Ms. Marianne Perben (ISO) provided an overview of the updates to how ISO performs Transmission Assumptions.

*Comment – We support the use of EFORD in the calculation as the value is readily available and transparent.*

#### **Item 6.0 – Regional System Plan 17 (RSP 17) Transmission Projects and Asset Conditions – March 2017**

Mr. Pradip Vijayan (ISO) provided an overview of the March 2017 RSP 17 Project List and Asset Conditions.

*Q - Could you add a line to slide 19 to include asset conditions in addition to reliability projects?*

A – We will take that back.

#### **Item 7.0 – Planning Process Guide Update**

Mr. Michael Drzewianowski (ISO) provided an update to the Planning Process Guide.

There were no questions from the committee on this topic.

#### **Item 8.0 – MEPCO 345 kV Structure Replacement**

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

*Q – What would be the need of the reconductoring of the 388 line?*

A – There is no immediate need for the reconductoring being performed now. However, the line is getting older and there will be a need eventually. The point being, if we reductor the line now it will be less expensive that if we wait.

**Item 9.0 – 1410 and 100 Line Structure Replacement**

Mr. John Case (Eversource) provided an overview of the 1410 and 100 Line Structure Replacement Project.

*Q - Is the new conductor just for the spans or will it go all the way to Montville?*

A – The conductor replacement is just for the spans.

*Q – When is the project expected to be in service?*

A – May of this year.

**Item 10.0 – FCA 12 Zonal Boundary Determinations**

Mr. Al McBride (ISO) provided an overview of the FCA 12 Zonal Boundary Determination.

*Comment – Cross Sound Cable Company objects to the lack of capacity and transfer capability for the Cross Sound Cable due to the inconsistent treatment of the SPS in the area versus grandfathered SPS's in other parts of the system.*

**Item 11.0 – SEMA/RI Minimum Load Needs Assessment Update**

Mr. Pradip Vijayan (ISO) provided an update regarding the SEMA/RI Minimum Loads Needs Assessment.

*Q – Do you monitor as part of your analysis those generators on a critical path schedule?*

A – We anticipate that all generator on a critical path schedule and have cleared an FCA will be on line by the year of need.

**Item 12.0 – West Medway Station #446 Condition Assessment and Solution**

Mr. George Wegh (Eversource) provided an overview of the West Medway Station #446 Condition Assessment and Solution.

There were no questions from the committee on this topic.

Planning Advisory Committee meeting was adjourned at 3:00 PM

A TOPAC meeting was convened at 3:00 PM to review the Holyoke 17L Substation Asset Replacement Project. As this is not part of the PAC, no notes or minutes were developed for this topic

Respectively submitted

Marc Lyons  
Secretary, Planning Advisory Committee