

**Planning Advisory Committee
Doubletree Hotel, Westborough, MA
March 22, 2016**

Eric Abend	Swift River Trading Company
Bruce Anderson	New England Power Generator Association
Dwayne Basler	United Illuminating Company
Denis Bergeron	Maine Public Utilities Commission
Peter Bernard	ISO New England Inc.
David Beron	New England Power Company
Curt Beveridge	Central Maine Power Company
Jon Black	ISO New England Inc.
Marcia Blomberg	ISO New England Inc.
Jon Breard	ISO New England Inc.
Dorothy Capra	NESCOE
Dave Cavanaugh	NRG Power Marketing
Dave Conroy	Central Maine Power Company
Ray Coxe	Mosaic Energy Insights
Greg Cunningham	Conservation Law Foundation
Suresh Dave	Transmission Developers Inc.
Stacy Dimou	Emera Maine
Stan Doe	ISO New England Inc.
Michael Drzewianowski	ISO New England Inc.
Paul Dumais	Central Maine Power Company
Dave Ehrlich	ISO New England Inc.
Frank Ettori	Vermont Electric Company
Jeff Fenn	Emera Maine
Lisa Fink	Maine Public Utilities Commission
Bill Fowler	Exelon
Marc Gagne	ISO New England Inc.
Steve Garwood	New Hampshire Transmission
Don Gates	ISO New England Inc.
Tom Gentile	Quanta Technologies
Brian Hayduk	New England Power Company
Bruce Ho	NRDC
Jeff Jurgensmier	ISO New England Inc.
John Keene	Sun Edison
Bill Killgoar	LIPA
Steve Kirk	Exelon
Rich Kleiman	EDF
Abby Krich	Boreas Renewables
Robin Lafayette	ISO New England Inc.
Marc Lyons	ISO New England Inc.
Tim Martin	New England Power Company
Chris Malone	United Illuminating Company
Al McBride	ISO New England Inc.
Bruce McKinnon	CMEEC
Ed McNamara	Vermont Public Utilities Commission
Mary Menino	Massachusetts Department of Public Utilities
Chris Morin	Central Maine Power Company
John Moskal	US EPA
Margaret Neves	Power Engineers
Brent Oberlin	ISO New England Inc.
Bill Opalka	RTO Insider
Theodore Paradise	ISO New England Inc.
Paul Peterson	Synapse Energy Economics
Fred Plett	Massachusetts Attorney General Office
Chris Root	Vermont Electric Power Company

Alex Rost	ISO New England Inc.
Jose Rotger	Cross Sound Cable Company
Eric Runge	Day Pitney
Lou Sahlu	Massachusetts DOER
Dan Schwarting	ISO New England Inc.
Melissa Scott	New England Power Company
Jose Sebastio	Vermont Electric Power Company
Carissa Sedlacek	ISO New England Inc.
Patricio Silva	ISO New England Inc.
Kannan Sreenivaschar	ISO New England Inc.
Joe Staszowski	Eversource Energy
Larry Swartz	Covanta Energy
Eric Winkler	ISO New England Inc.
Jinlin Zhang	ISO New England Inc.

Item 1 – Chair’s Remarks

Mr. Don Gates welcomed the committee and reviewed the day’s agenda.

Item 2 – FCA 11 Zonal Boundary Determinations

Mr. Dan Schwarting (ISO) provided an overview of the FCA 11 Zonal Boundary Determinations – Northern New England/Scobie 394 Transfer Limits.

Q – Is the Scobie 394 interface new or is it renamed.

A – This interface has always been there. It may not bind on a day to day basis but it is something we look at.

Q - What is the present margin limit?

A - 3100MWs

Q - If the Everett substation was upgraded to BPS, what would the new limits be?

A - Our testing shows roughly 3500MWs.

Q - Would line upgrades at Seabrook impact the transfer limits?

A – Not in a significant manner.

Mr. Al McBride (ISO) provided an overview of the FCA 11 Zonal Boundary Determination.

Q – You mentioned that there were no significant changes to the topology that would cause a change to the zonal boundaries. What would cause a change to the Zonal boundaries?

A – Something like significant resource retirements, new transmission projects like Interstate or transmission upgrades due to resource retirement.

Q – Do you see anything in the RSP project list that could cause a Zonal Boundary change?

A – There is nothing we see at this time that could cause a Zonal Boundary revision.

Q – Why hasn’t the new generation in CT improved the transfer limits?

A – It related to the generation location. They are located in the interior of the boundary versus nearer the zonal boundary. The closer to the boundary, the more impact it has.

Comment – I request further discussion and review of the 1400 MW Import Limit on Phase II as the system has changed and often Phase II flows exceed 1400 MWs and the import capability should be accounted for.

Item 3 – VELCO Structure Condition Improvement

Mr. Jose Sebastiao (VELCO) provided an overview of the VELCO Structure Condition Improvement Project.

Q - Will you replace the wood polls in kind or swap out to steel or concrete?

A – For the taller polls we are looking at steel replacements.

Q - Can the replacement be done while the circuits are live?

A – About 80% of the poll replacements can be done while the circuits are live.

Q – Are you replacing all your polls?

A – No, it was a targeted evaluation based on a set criteria. We are only replacing the polls that are in really bad shape and perhaps other nearby polls that are close to being needed replacement.

Comment – There was discussion on TO’s poll replacement program and the need for submission of TCAs if the program and/or replacements exceeds \$5M.

Item 4 – Regional System Plan Transmission Projects and Asset Conditions – March 2016 Update

Mr. Brent Oberlin (ISO) provided an overview of the Regional System Plan Transmission Projects and Asset Conditions – March 2016 Update.

Mr. Oberlin requested feedback to limit the historical status to 8 years to facilitate automation as the addition of status columns prohibits automation.

It was requested that a separate historical status sheet be maintained.

Item 5 – Draft New England Energy Efficiency, Photovoltaic, and Load Forecast Update

Mr. Dave Ehrlich (ISO) provided an overview of the Draft New England Energy Efficiency, Photovoltaic, and Load Forecast Update.

Q – How much did the PV account for the Weather Normalized Energy reduction of -1.1%?

A – Not much.

Q – How are the Settlement Only Generator handled?

A – It is factored into the reconstituted generation data.

Mr. Eric Winkler (ISO) provided an overview of the Draft Energy Efficiency Forecast.

Q – Have you performed an analysis of past EE Forecast data to see how it compares with this year’s forecast?

A – We have made that comparison analysis but I don’t have the exact values to quote. I believe the forecast error is 10% or less between years.

Mr. Jon Black (ISO) provided an overview of the Draft 2016 PV Forecast.

Q - Can we get something that shows the specific reasons that what caused some of the changes to the PV values increasing the penetration by 30%?

A - This presentation was meant to be an update to the PAC. Generally, it is due to changes in state policies that provide incentives on the retail side. The specific details are reviewed and discussed at the DGFWDG and can be found in those meeting materials.

Other clarifying questions were asked and responded to by Mr. Black.

Mr. Ehrlich provided an overview of the 2016 Energy and Summer Peak Load Forecast.

Item 6 – Transmission Planning Process Guide - Solution Development

Mr. Brent Oberlin (ISO) provided an overview of the Transmission Planning Process Guide - Solution Development.

Q – Will ISO be publishing QTPS applications?

A - We will not as there is customer sensitive and proprietary information within them.

Q - What is the processing time for QTPS applications?

A - 90 days

Q – What will individuals or companies will be in the study group?

A – The TO's with load obligation in the area.

Q – Is there an area in this process where the TO's provide a backup plan?

A – There is a call out provision for that step.

Q – What is the timing for submission of responses to RFP's?

A – There is a minimum of 60 days but for very large project (ex. Greater Boston), the process could take up to a year.

Q – When the solution proposals are submitted, do they need to address every issue or could it be targeted pieces of the problem?

A – The solution proposal will need to address and solves every issue within the RFP proposal.

Q – If two project proposals solve the needs in the RFP, will one or both of the project sponsors receive reimbursement for their Phase I study work?

A – We will take that back for discussion.

Comment – NHT stated they do not agree with process that ISO is proposing and believes it violates the intent of FERC Order 1000.

Item 7 – SEMA/RI 2026 Needs Assessment

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

Q – Do the results in the presentation include FCA 10 results and the Pilgrim retirement?

A – That is correct. They do

Q – Will the Brayton Point retirement transmission improvements be included in this review?

A – They are and we will revise the presentation to list them.

Q – What were the assumptions for area fast start resources?

A – 80% availability

Q – Can you get these solutions done prior to the next auction?

A – We will do our best.

Planning Advisory Committee meeting adjourned at 4:55 PM

Respectively submitted

Marc Lyons
Secretary, Planning Advisory Committee