

**Planning Advisory Committee
Doubletree Hotel, Westborough, MA
February 18, 2015**

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| Bob Andrew | Eversource Energy |
| Mark Babula | ISO New England Inc. |
| Christina Belew | Massachusetts Attorney General Office |
| Carl Benker | Eversource Energy |
| Denis Bergeron | Maine Public Utilities Commission |
| Peter Bernard | ISO New England Inc. |
| Curt Beveridge | Central Maine Power Company |
| Robert Bibbo | Normandeau Associates |
| Dave Bradt | United Illuminating |
| Jon Breard | ISO New England Inc. |
| Tim Brennan | New England Power Company |
| Dorothy Capra | NESCOE |
| John Case | Eversource Energy |
| Pradip Chattopadhyay | New Hampshire OCA |
| Ray Coxe | Mosaic Energy for Brookfield |
| Ben D'Antonio | NESCOE |
| Dave Ehrlich | ISO New England Inc. |
| Frank Ettori | Vermont Electric Company |
| Jeff Fenn | Emera Maine |
| Ellen Foley | ISO New England Inc. |
| Bill Fowler | Exelon |
| Cecile Fraser | Massachusetts Department of Public Utilities |
| Kathleen Freeman | Eversource Energy |
| Gabriel Gabremicael | New England Power Company |
| Steve Garwood | New Hampshire Transmission |
| Don Gates | ISO New England Inc. |
| Mike Giaimo | ISO New England Inc. |
| Lacey Girard | ISO New England Inc. |
| Mike Henderson | ISO New England Inc. |
| James Hyland | Massachusetts Municipal Wholesale Electric Company |
| Sarah Jackson | Synapse |
| Eric Johnson | ISO New England Inc. |
| Tom Kaslow | GDF Suez |
| Bill Killgoar | LIPA |
| Steve Kirk | Exelon |
| Andrew Kniska | ISO New England Inc. |
| Kasia Kulbacka | New England Power Company |
| Elizabeth Leonard | Eversource Energy |
| Marc Lyons | ISO New England Inc. |
| Jack Martin | New England Power Company |
| Tim Martin | New England Power Company |
| Orlando Martinez | Milford Power |
| Bruce McKinnon | CMEEC |
| Mary Menino | Massachusetts Department of Public Utilities |
| John Moskal | U.S. EPA |
| Jennifer Murphy | Massachusetts Department of Public Utilities |
| Brent Oberlin | ISO New England Inc. |
| Theodore Paradise | ISO New England Inc. |

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| Fred Plett | Massachusetts Attorney General Office |
| Hantz Presume | Vermont Electric Power Company |
| Cleveland Richards | Vermont Electric Power Company |
| Jose Rotger | Cross Sound Cable Company |
| Steve Rourke | ISO New England Inc. |
| Eric Runge | Day Pitney |
| Carol Sedewitz | New England Power Company |
| Patricio Silva | ISO New England Inc. |
| John Simonelli | ISO New England Inc. |
| Joe Staszowski | Eversource Energy |
| Bob Stein | HQUS |
| Phil Tatro | EIG |
| Jeff Turcotte | ISO New England Inc. |
| Matt Valle | New Hampshire Transmission |
| Pradip Vijayan | ISO New England Inc. |
| Greg Wade | ISO New England Inc. |
| Peter Wong | ISO New England Inc. |

Item 1 – Chair’s Remarks

Mr. Don Gates welcomed the committee and reviewed the day’s agenda. Mr. Gates reminded the committee that we are running the meeting without CEII protocols. Please be mindful of this and do not discuss technical details that could be considered CEII.

Mr. Mike Henderson (ISO) advised the committee that the next DGFWG meeting is February 27, 2015. Please register in advance.

Item 2 – Greater Boston Preferred Solutions

Mr. Brent Oberlin (ISO) provided an overview of the Greater Boston Preferred Solutions.

Q - Can you characterize the short circuit issues in the Greater Boston area and what actions are you going to remedy the issues until the project is completed.

A - ISO Operations is currently taking actions to mitigate the area issues as they arise and they will continue to do that until the project is in place.

Q – Regarding Order 1000 compliance, can you address this process when it goes into effect?

A – We anticipate that ISO will handle the needs assessment and when we analyze the potential solutions, ISO will pick from the various project sponsor submissions.

Q – Regarding slide 19, why were the contingencies removed?

A – Each segment was a different amount of contingencies and it was difficult to make accurate comparisons so we removed all the contingencies.

Q – How would have the costs turned out if you didn’t back out the contingencies?

A – I do not know exactly what the costs would have been if you account for the contingencies. However, it is unlikely that it would have eliminated the \$250M delta between the AC and DC projects.

Q – I believe it is inaccurate to state that there are no scenarios that would result in a greater than 50% cost overrun for the AC plan.

A – Based on our review as well as the independent consultants review, we believe our figures are accurate.

Q – Which AC cost estimates are you using?

A - The costs estimates submitted to the state siting council.

Q – Where are the items of timing and avoided congestion charges on the list of project selection criteria?

A – It will be addressed in later slides as part of Construction Outage Requirements and Cost Impacts.

Q – Did ISO do a constructability analysis of underground lines from Mystic to Woburn and Wakefield to Woburn?

A – We did and we found no constructability issues with those two paths.

Q - Regarding in service dates, are you accounting for the constructability or siting process timeline.

A – We are reviewing the project sponsor submitted constructability timelines and projected in service dates.

Q – Did you model Sealink at its full 520MW capability as it pertains to losses?

A – We did model Sealink at its full capability.

Q – Will the Mystic, Kingston and K Street breakers need to be upgraded in the future?

A – We don't know at this time.

Q – Regarding the potential retirement of Mystic 7, is it predetermined that the AC plans will be required?

A – We will need to look at all alternatives, to include market solutions, if the retirement comes to pass.

Q – Has the ISO board reviewed this presentation?

A – The ISO-NE board is fully briefed on the ISO decision.

Q – Regarding slide 45, under the AC plan, one line includes a series reactor. Is there a reactor for the parallel cable?

A – The two lines have different impedances and no series reactor is needed.

Q - Will any of these upgrades be certified for FCA 10?

A – Scobie-Tewksbury is under review by ISO for FCA 10 certification.

Item 3 – EIPC Gas/Electric Update and Draft Target 2 Report

Mr. Mark Babula (ISO) provided an update of the EIPC Gas/Electric Study.

Mr. Babula then reviewed the EIPC Draft Target 2 Report.

Q – Is the peak hour that you refer to in the report the electric peak hour?

A - It is the coincidental peak of the electric and gas peak hour. It is assumed to be the same.

Q – Did the S1 case include just oil or did it include LNG?

A – It is a pricing version on oil versus gas.

Q – Have the gas pipeline constraints in NY affect the amount of gas that can be pushed into New England?

A – That is correct.

Q – Can you make a graphical representation of the S15 case?

A – I will take that back.

Q – Are the LNG constraints physical or pricing?

A – It is primarily pricing. LNG has priced itself out of the market.

Q – Regarding slide 26, do any dual fuel resources show up on this slide?

A – It would include dual fuel resources.

Item 4 – Environmental Update

Mr. Patricio Silva (ISO) provided a regional and national Environmental Update.

Q - How many regional units will be affected by the Cooling Water rules?

A – We are working on the list at this time.

There were no additional comments or questions from the committee on this topic.

Item 5 - New England Load Forecast Update

Mr. Dave Ehrlich (ISO) provided a New England Load Forecast Update.

Q – Does the net load forecast include the imbedded PV?

A – It does.

Q – Will the values change once you determine the PV impact?

A – It will be revised but it is expected that the impact will be in the hundreds of MWs versus thousands of MWs.

There were no additional questions from the committee on this topic.

Item 6 - Stakeholder Process for Submission of Economic Study Requests

Mr. Mike Henderson (ISO) outlined the Stakeholder Process for Submission of Economic Study Requests.

There were no questions from the committee on this topic.

Planning Advisory Committee meeting adjourned at 2:35 PM

Respectively submitted

Marc Lyons

Secretary, Planning Advisory Committee