Planning Advisory Committee Doubletree Hotel – Westborough, MA June 19, 2019

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<u>Item 1.0 – Chairs Remarks</u>

Mr. Pete Bernard welcomed the committee and reviewed the days' agenda.

Mr. Bernard announced that the July 11, 2019 PAC has been cancelled.

As part of the PAC meeting materials, the following presentations have been posted:

- Review Process for Draft 2019 Regional System Plan Report (RSP 19)
- Generic and Region-Specific Capital Costs of New Generating Technologies

<u>Item 2.0 – Second Maine Resource Integration Study – Preliminary Results</u>

Mr. Al McBride (ISO-NE) reviewed the preliminary results from the Second Maine Resource Integration Study.

- *Q How will stakeholders be informed if there are any CTUs associated with the Cluster Study?*
- A If projects move into the SIS phase, CTUs would be included and they would have been identified in Phase I of the study. That information would be made available to the public during the PPA process.
- *Q How will ISO treat the duplicate interconnection requests?*
- A They are the same interconnection transmission projects identified in the first cluster. As such, the transmission work will not be built twice. The transmission work in question is the 345 kV circuit from Western Maine to Larrabee Road.
- Q With the reduction of MWs in the queue, at what point to your revisit the study process?
- A We will discuss that later in the presentation.
- Q Have you taken into account the nature of the intermittent resources for both the Maine Wind resources, as well as the projected off shore wind?
- A- That would be addressed under operational dispatch and other market initiatives such as fuel security or maintaining of the reserve products.
- Q-Will the transmission construction and expansion associated with the project and paid for by the generators, will the generators have any specific transmission rights over those lines?
- A They will not. We will dispatch across the new transmission as needs with no exclusive transmission rights for the builders of the line.
- Q With the HVDC line, have you accounted for the reactive support capability?
- A We will be using voltage source converter technology as part of the HVDC lines and the associated reactive capability.
- Q Will ISO perform a restudy now that Number Nine has withdrawn from the queue?

- A The study was performed prior to Number Nine withdrawing. We will now need to go back and do a restudy without Number Nine in the mix.
- Q Have you considered interconnecting with a radial line direct to Orrington versus Pittsfield?
- A ISO will take that back for additional review and discussion.

Comment – There are significant right of way issues to connect into Orrington.

Q – Will the final results presentation include the project costs estimates?

A - It will.

Comment – Due to the amount of MWs dropping out of the cluster study and queue, ISO will restudy the project using AC lines versus DC lines.

Item 3.0 – Boston 2028 Solution Alternatives for Time Sensitive Needs

Ms. Eva Mailhot (ISO-NE) provided an overview of the Boston 2028 Solution Alternatives for Time Sensitive Needs.

There were no questions from the committee on this topic.

<u>Item 4.0 – Draft Request for Proposal Template and Cost Review Process</u>

Mr. Brent Oberlin (ISO-NE) provided an overview of the Draft Request for Proposal Template and Cost Review Process.

- Q What information will be made available to stakeholders in Phase One?
- A The high level screening will be the initial trigger. If they can't meet the project needs, we will bring that to the PAC to let stakeholders know why the proposal was removed from consideration.
- Q How should questions on the worksheet be addressed?
- A There is an instruction worksheet provided. Additional questions can be sent to
- PACMatters@iso-ne.com. Perhaps ISO will consider having a WebEx on the worksheets.
- Q Will the backstop solution go through the same level of analysis as a competitive solution submission?
- A It will.
- Q Will the competitive submissions and backstop deadlines be the same?
- A They will have the same submission deadlines.
- Q Will there be an opportunity to provide feedback on the worksheets?
- A Yes, comments and feedback will be due by July 10.

<u>Item 5.0 – Upper Maine 2029 Needs Assessment Details</u>

Mr. Alex Rost (ISO-NE) provided an overview of the Upper Maine 2029 Needs Assessment Details.

Q – Does the split between Upper Maine and Lower Maine necessitate a new interface?

A - It does not. This decision is driven by the new NECEC transmission line and where needs may occur in the Upper Maine area.

<u>Item 6.0 – Regional System Plan Transmission Projects and Asset Conditions – June 2019 Update</u>

Ms. Eva Mailhot (ISO-NE) provided an overview of the June 2019 Update to the Regional System Plan Transmission Projects and Asset Conditions.

There were no questions from the committee on this topic.

<u>Item 7.0 – Representative Future Locational Reserves Needs for Current Reserve Zones</u>

Mr. Fei Zeng (ISO-NE) provided an overview of the Representative Future Locational Reserve Needs for Current Reserve Zones.

Q - Regarding the load variables, you only consider weekday. We've had a lot of issues on the weekends. Why wasn't that considered?

A-We only consider weekday for the Forward Reserve requirements. We can discuss this further at the June 20^{th} PSPC meeting.

Comment – The revenue expected from the reserve products do not align with what was assumed by Market Development for FCM cost recovery.

Planning Advisory Committee meeting adjourned at 2:20 PM

Respectively submitted

Marc Lyons Secretary, Planning Advisory Committee