Planning Advisory Committee Doubletree Hotel, Westborough, MA. July 7, 2015

| Eric Abend | EA Consulting |
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| Eric Annes | Connecticut DEEP |
| Denis Bergeron | Maine Public Utilities Commission |
| Peter Bernard | ISO New England Inc. |
| Curt Beveridge | Central Maine Power Company |
| Dave Bradt | United Illuminating Company |
| Dorothy Capra | NESCOE |
| John Case | Eversource Energy |
| Ray Coxe | Mosaic Energy for Brookfield |
| Greg Cunningham | Conservation Law Foundation |
| Frank Ettori | Vermont Electric Power Company |
| Kevin Flynn | ISO New England Inc. |
| Dave Forest | ISO New England Inc. |
| Bill Fowler | Exelon Generation |
| Cecile Fraser | Massachusetts Department of Public Utilities |
| Don Gates | ISO New England Inc. |
| Steve Garwood | Marble River |
| Brian Hayduk | New England Power Company |
| Mike Henderson | ISO New England Inc. |
| Jeff Iafrati | Customized Energy Solutions |
| Eric Jacobi | FERC |
| Jeff Jones | Emera Maine |
| Tom Kaslow | GDF Suez |
| Bill Killgoar | Long Island Power Authority |
| Steve Kirk | Exelon Generation |
| Robin Lafayette | ISO New England Inc. |
| Paul Lopes | Massachusetts DCAM |
| Marc Lyons | ISO New England Inc. |
| Al McBride | ISO New England Inc. |
| Bruce McKinnon | CMEEC |
| Ed McNamara | Vermont DPU |
| Mary Menino | Massachusetts Department of Public Utilities |
| Brent Oberlin | ISO New England Inc. |
| Paul Peterson | Synapse |
| Rich Pinto | United Illuminating Company |
| Fred Plett | Massachusetts Attorney General Office |
| Hantz Presume | Vermont Electric Power Company |
| Cleveland Richards | Price, Waterhouse, Cooper |
| Jose Rotger | Emera Energy Services |
| Eric Runge | Day Pitney |
| Joe Staszowski | Eversource Energy |
| Robert Stein | HQUS |
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Item 1 - Chair's Remarks

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

Item 2 – Distributed Generation Interconnection Issues Update

Mr. Dave Forrest (ISO) provided an update regarding the Distributed Generation Interconnection Issues.

- Q What would happen of a resource was categorized as Level Z but it ends up giving a free ride to category X resources? What avenues can that resource pursue to get relief?
- A The resource owner would need to go to the state governing regulatory authority to receive clarification and/or relief.
- Q Are there two different standards for IEEE 1547 and 1547A?
- A Both are currently in force. 1547A adds some additional requirements to 1547. However, it is anticipated that 1547 will be amended in the near future and the 1547A standard will be eliminated.
- Q What does this mean for the costs of installing the equipment based on these requirements?
- A If NE and the states agree on an interconnection criteria for PV at the distribution level.
- Q Will this require retro fitting on existing installations?
- A We do not anticipate immediate retro fitting but it is anticipated that as equipment is updated or replaced, the new standards will apply.

Item 3 – RSP 15 Review Process

Mr. Mike Henderson (ISO) provided an update regarding the RSP 15 Review Process.

- Q Will ISO include a summary of PAC agenda topics for the year will be included?
- A We will take that back for discussion.
- Q The timeframe for comments on the report is a bit tight as we need to read and review the document and then also receive inputs from the 6 New England states. It will be difficult to meet your comment deadline.
- Q Is there an option to have a non-CEII version for comments?
- A No. The report and comments do reference CEII materials. As such, the report and the associated comments will be classified as CEII.

Item 4 - Lines 312, 381, & 354 Structure Replacement Project

Mr. John Case (Eversource) provided an overview of the Lines 312, 381, & 354 Structure Replacement Project.

Q – What wasn't the structure replacement project on Line 312 back from 2011/2012 include the structure replacement you're identifying here?

- A The structures in this projects were not critically damaged at the time of the initial 312 Line structure replacement project in 2011.
- Q What kind of outages are required for the project?
- A We are doing live line replacement for this project.

Item 5 - SEMA/RI Voltage Critical Load Level Analysis

Mr. Robin Lafayette (ISO) provided an overview of the SEMA/RI Voltage Critical Load Levels.

- Q In regards to year of need, will that refer to the summer peak in the year of need?
- A It does.
- Q In the West Medway area, there is some new generation development. How does the study assume new generation in the Medway/Fall River area?
- A The assumptions for the base cases will include new resources that have cleared an FCA.

Those resources that have not cleared an FCA will be omitted from the base case study.

- *Q Will the needs be up for competitive solicitation under Order 1000?*
- A We will be bringing that back to the PAC in the fall of this year.
- Q In the needs assessment report, will you include how much load is affected by the voltage issues?
- A We don't typically do that. We believe the number of busses impacted indicates the level of the issue.

Planning Advisory Committee meeting adjourned at 11:35 AM

Respectively submitted

Marc Lyons Secretary, Planning Advisory Committee