

**Planning Advisory Committee
WebEx Teleconference
October 21, 2020**

Attendee	Sector	Market Participant
P. Bernard	Chair	ISO New England Inc.
M. Lyons	Secretary	ISO New England Inc.
R. Andrew	Transmission	Eversource Energy
J. Brodbeck	Supplier	Marble River
D. Burnham	Transmission	Eversource Energy
D. Cavanaugh	Publicly Owned/ Supplier	Energy New England/Block Island
F. Etori	Transmission	VELCO
J. Fenn	Transmission	Versant Power
B. Forshaw	Publicly Owned	CMEEC
B. Fowler	Generation/Supplier / Alternative Resource	Wheelabrator North Andover Inc.; Exelon Generating Company LLC; Nautilus Power; Dynergy Power Marketing, LLC; Entergy Nuclear Power Marketing LLC; Great River Hydro, LLC
M. Gardner	Generation	NextEra Energy
S. Garwood	Supplier	Marble River
J. Gordon	Generation	CPV Towantic
J. Iafrati	Supplier	Customized Energy Solutions
S. Kaminski	Publicly Owned	New Hampshire Electric CoOp
T. Kaslow	Generation	First Light Power Resources
S. Kirk	Supplier	Exelon Generating Company
A. Krish	Generation	Boreas Renewables
B. Kruse	Alternative Resource	Calpine

N. Mah	Supplier	ConEd Energy
J. Martin	Transmission	New England Power Company
T. Martin	Transmission	New England Power Company
B. McKinnon	Publicly Owned/ End User	Norwood Light Department, and New Hampshire Electric CoOp
L. Paskvan	End User	Massachusetts Attorney General Office
H. Presume	Transmission	VELCO
J. Rotger	Supplier	Galt Power, Cross Sound Cable, BP Energy, Mercuria Energy and DTE Energy
M. Spencer	Alternative Resource	Jericho Power
R. Stein	Generation/Supplier /Alternative Resource	Generation Group Member, NRG Power Marketing, HQ Energy Services, PSEG Energy Resources & Trade, SunEdison
B. Swalwell	Alternative Resource	Tangent Energy Solutions
B. Thomson	Publicly Owned	MMWEC
P. Turner	End User	Conservation Law Foundation
A. Worsley	Generation	Boreas Renewables

Guest		Affiliation
P. Abucewicz		New England Power Company
J. Adadjo		Eversource Energy
R. Allbrick		National Bio-Diesel Board
E. Annes		Connecticut Department of Public Utilities
B. Anderson		NEPGA
K. Bashford		ISO New England Inc.
D. Bergeron		New Hampshire Public Utilities Commission
J. Breard		ISO New England Inc.
W. Buchanan		Eversource Energy
D. Capra		NESCOE
B. Chamberlin		Olive Wood Energy
D. Chatterjee		Eversource Energy
K. Csizmesia		New England Power Company
R. Conant		RCL Engineering
D. Conroy		RLC Engineering
M. Cosgro		New Hampshire Public Service
B. D'Antonio		NESCOE
J. Dong		Eversource Energy
M. Drzewianowski		ISO New England Inc.
M. Gonzalez		ISO New England Inc.
J. Grasse		New England Power Company
A. Hanenkratt		New England Power Company
D. Hart		NextEra Energy
M. Heimgartner		Maine Public Utilities Commission

P. Holloway		Massachusetts Department of Public Utilities
N. Hutchings		ISO New England Inc.
S. Judd		ISO New England Inc.
M. Kakley		ISO New England Inc.
B. Kay		ISO New England Inc.
S. Keane		Massachusetts Department of Public Utilities
A. Kniska		ISO New England Inc.
R. Kowalski		ISO New England Inc.
F. Kugell		Avangrid
K. Kumar		ISO New England Inc.
J. Leighfield		PSC Consulting
P. Lopes		Mass DCAM
J. Lucas		Eversource Energy
K. Mankouski		ISO New England Inc.
C. Marquis		AEE
A. McBride		ISO New England Inc.
H. Ni		CMEEC
D. Nelson		Massachusetts Department of Public Utilities
B. Oberlin		ISO New England Inc.
T. Paradise		Anbaric
D. Phelan		New Hampshire Public Utilities Commission
E. Rodel		Avangrid
E. Runge		Day Pitney
M. Saravanan		ISO New England Inc.
K. Schlichting		ISO New England Inc.
D. Schwarting		ISO New England Inc.

M. Scott		New England Power Company
C. Sedlacek		ISO New England Inc.
G. Shen		EN Engineering
E. Runge		Day Pitney
P. Shattuck		Anbaric
P. Sousa		Massachusetts Department of Public Utilities
J. Truswell		ISO New England Inc.
L. Willick		LS Power
J. York		LS Power
J. Zhang		ISO New England Inc.
C. Zhu		New England Power Company

Item 1.0 – Chairs Remarks

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

Mr. Bernard announced that the PJM registration link for the December 14th IPSAC meeting is up and running. If you are intending to join the IPSAC meeting, the registration link can be found on the ISO-NE calendar. The meeting is scheduled from 9:00 AM to 12:00 PM on December 14th.

Item 2.0 – V-148S 115 kV Line Asset Condition Project

Ms. Paula Abucewicz (NGrid) the V-148S 115 kV Line Asset Condition Project.

Q - How long is the line section and how many fibers in the OPGW?

A – I don’t know how many fibers are in the OPGW but the line section is seven miles long.

Item 3.0 – S-145 and T-146 115 kV Line Asset Condition Project

Ms. Paula Abucewicz (NGrid) the S-145 and T-146 115 kV Line Asset Condition Project.

Q - What type of structures will you be replacing the wood poles?

A - Steel structures.

Item 4.0 – Competitive Solution Process: Order 1000 Boston 2028 Request for Proposal – Lessons Learned

Mr. Michael Drzewianowski (ISO-NE) reviewed the Competitive Solution Process: Order 1000 Boston 2028 Request for Proposal (RFP) – Lessons Learned.

Comment – We hope that the lessons learned from the Boston 2028 RFP will be applied to future RFPs.

Item 5.0 – RSP Transmission Projects and Asset Conditions – October 2028 Update

Ms. Meenakshi Saravanan (ISO-NE) reviewed the RSP Transmission Project and Asset Conditions – October 2020 Update.

Comment - On slide 11 of the presentation regarding the graph of investment in BES, if you look at a similar slide from the past 4 or 5 year's you will see an investment increase and then it goes flat. I don't think this reflects what is actually occurring, particularly with the expected transmission expansion resulting from the off shore wind and future grid efforts.

Item 6.0 – Initiation of the Cape Cod Resource Integration Study

Mr. Al McBride (ISO-NE) reviewed the Initiation of the Cape Cod Resource Integration Study.

Q – Is ISO-NE changing the interconnection process from minimal interconnection standards to full interconnection standards?

A – Not at the present time. ISO-NE is still using the minimum interconnection standard. The open question is the right of way issue, which may not cover the minimum interconnection standard.

Q - Why is this study being initiated now?

A – It is something that emerged out of reviewing the various System Impact Studies. It seemed like the proper time to initiate this study.

Q – The cluster study looks at transmission upgrades beyond the Cape. Should the study be expanded beyond the Cape and make it a SEMA/RI cluster study?

A – Not at the present time. The obligation is move the Queue forward in the area and limiting the integration study to the Cape Cod area is the quickest way to accomplish that.

Item 7.0 – Closing Remarks

The next PAC meeting will be Thursday, November 19, 2020 via WebEx Teleconference.

The Planning Advisory Committee meeting adjourned at **11:52 AM**

Transmission Owners Local System Plans (TOPAC LSPs)

The following Transmission Owners reviewed their annual Local System Plans. As this was a TOPAC meeting, no PAC notes were taken as part of this review.

- **New Hampshire Transmission LSP**
(Presentation) (NHT: Steve Garwood)
- **VELCO LSP**
(Presentation) (VELCO: Hantz Presume)
- **CTMEEC LSP**
(Presentation) (CTMEEC: Hao Ni)
- **Versant LSP**
(Presentation) (Versant: Jeff Fenn)
- **Avangrid LSP**
(Presentation) (Avangrid: Forrest Kugell)
- **NGrid LSP**
(Presentation) (NGrid: Aaron Hanenkratt)
- **Eversource Energy LSP**
(Presentation) (Eversource: Jacob Lewis)

Respectively submitted

Marc Lyons

Secretary, Planning Advisory Committee