

**Minutes of the
Reliability Committee Meeting
Doubletree Hotel, Westborough, MA
September 16, 2014**

<u>Members Present</u>	<u>Sector</u>	<u>Affiliation</u>
D. Gates	Chair	ISO New England Inc.
M. Lyons	Secretary	ISO New England Inc.
W. Fowler	Vice Chair	Exelon, EquiPower, Granite Ridge
J. Martin	Transmission	New England Power Company
S. Garwood	Supplier	Marble River LLC
A. Scarfone	Transmission	Northeast Utilities Service Company
B. McKinnon	Publicly Owned (3)	Connecticut Municipal Electric Energy Cooperative and representing 2 publicly owned Participants
F. Plett	End User	Massachusetts Attorney General Office
G. Gellar	Alternative Resource	EnerNOC Inc.
C. Belew	End User	Massachusetts Attorney General Office
J. Rotger	Supplier	Cross Sound Cable Company
S. Kirk	Supplier	Exelon Generation Company
D. Bradt	Transmission	United Illuminating Company
C. Liu	Publicly Owned	MMWEC
F. Etori	Transmission	Vermont Electric Company
H. Presume	Transmission	Vermont Electric Power Company
J. Fenn	Transmission	Bangor Hydro Electric Company
D. Mullett	Publicly Owned	Vermont Public Power Supply Authority
D. Hurley (ph)	Alternative Resource	Synapse
B. Stein	Supplier	Footprint Power/PSEG Energy Resources/HQ Energy Services
B. Killgoar	Supplier	Long Island Power Authority
T. Kaslow	Generation	GDF Suez
C. Bowie	Transmission	Northeast Utilities Service Company
A. Boutsoulis	Transmission	United Illuminating Company
<u>Guests Present</u>		<u>Affiliation</u>
O. Bileya		ISO New England Inc.
R. Burke		ISO New England Inc.
A. McBride		ISO New England Inc.
C. Sedlacek		ISO New England Inc.
L. Corcoran		ISO New England Inc.
P. Wong		ISO New England Inc.
H. Yoshimura		ISO New England Inc.
D. Capra		NESCOE
K. Haag		ISO New England Inc.
M. Scibelli		ISO New England Inc.
J. Elliott		ISO New England Inc.
B. Oberlin		ISO New England Inc.
D. LaForest		ISO New England Inc.

C. Fraser		Massachusetts Department of Public Utilities
M. Caley		ISO New England Inc.
S. Jones		ISO New England Inc.
E. Runge		Day Pitney
M. Gonzalez		ISO New England Inc.
A. Kesete		New England Power Company
F. Simplicite (ph)		Northeast Utilities Service Company
S. Soko (ph)		New England Power Company
D. Schwarting (ph)		ISO New England Inc.

Item 1.0 – Chair’s Remarks

Mr. Don Gates welcomed the committee and reviewed the days agenda. Mr. Gates advised the committee that those have issues with aspects of the new website should contact Customer Service and log the issue with them.

The RC will be extended an invite to attend the upcoming TC meeting to listen in on the ETU topic.

Item 2.0 – Proposed Plan Applications (PPAs) Level II/III

Item 2.1 – Jericho Wind Expansion Project – NU-14-G16

Ms. Farah Simplicite (NU) provided an overview of the Jericho Wind expansion Project.

Mr. Jeff Fenn (Emera Maine) asked why this a Level III classification.

Mr. Dan Schwarting (ISO) replied that based on the expansion that would have exceeded a 10 MW threshold, a full study was required.

A motion to approve the project was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions. Project approved.

Item 2.2 – Southeast Substation Project – NEP-14-T10

Mr. Amanual Kesete (NEP) provided an overview of the Southeast Substation Project.

There were no questions from the committee on this topic.

A motion to approve the project was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions. Project approved.

Item 3.0 – Proposed Plan Notifications (Level 0/I)

Item 3.1 – Brewster Landfill Solar Project – NU-14-G17

Mr. Al Scarfone provided an overview of the Brewster Landfill Solar Project.

There were no questions from the committee on this topic and no objections to the Level 0 classification. Project approved.

Item 3.2 – Ward Hill Transformer Replacement Project – NEP-14-T11

Mr. Jack Martin (NEP) provided an overview of the Ward Hill Transformer Replacement Project.

Mr. Fred Plett (MA AG) asked if Ward Hill Substation was a recent construction. Mr. Martin replied that this substation has been around for many years.

There were no questions from the committee on this topic and no objections to the Level I classification. Project approved.

Item 3.3 – East Beverly Substation Transformer Replacement Project – NEP-14-T05

Ms. Soma Soko (NEP) provided an overview of the East Beverly Substation Transformer Replacement Project.

There were no questions from the committee on this topic and no objections to the Level I classification. Project approved.

Item 3.4 – UI Seaside Renewable Solar Project – UI-14-G03

Mr. Alex Boutsoulis (UI) provided an overview of the UI Seaside Renewable Solar Project.

There were no questions from the committee on this topic and no objections to the Level 0 classification. Project approved.

Item 3.5 – Pequonnock 115 kV Clearing Time Delay Project PPA Withdrawal Notification

Mr. Alex Boutsoulis (UI) updated the committee on PPA Withdrawal Notification for the Pequonnock 115 kV Clearing Time Delay Project.

Mr. Al Scarfone (NU) asked if a PPA is required for reducing clearing time delay modifications.

Mr. Oberlin replied that as a general rule, it is not required but due to the location of this particular bus, ISO asked for it. Please check with ISO and a determination will be made on a case by case basis.

Other minor clarification questions were asked and responded to by Mr. Boutsoulis. There were no additional material questions from the committee and no objections to the PPA withdrawal.

Item 3.6 – PV 20 Cable Replacement Project – VELCO-14-T01

Mr. Hantz Presume (VELCO) provided an overview of the PV 20 Cable Replacement Project.

Mr. Jose Rotger (CSC) asked how this is a Level I project. Couldn't that replacement facilitate a line rating increase?

We are not proposing an increased rerating of the line. This is a replacement in kind.

Mr. Bruce McKinnon (CMEEC) stated the one line diagram shows a line in parallel. Is the second line copper or aluminum?

Mr. Presume replied that this only addresses the submarine cable and the line is copper.

There were no additional questions from the committee on this topic and no objections to the Level I classification. Project approved.

Item 3.7 – Coventry Solar Project – VELCO-14-GNF03

Mr. Frank Etori (VELCO) provided an overview of the Coventry Solar Project.

There were no questions from the committee on this topic and no objections to the Level 0 classification. Project approved.

Item 3.8 – North Clarendon Solar Project – VELCO-14-GNF04

Mr. Frank Etori (VELCO) provided an overview of the North Clarendon Solar Project.

There were no questions from the committee on this topic and no objections to the Level 0 classification. Project approved.

Item 3.9 – Technology Drive Solar Project – VELCO-14-GNF05

Mr. Frank Etori (VELCO) provided an overview of the Technology Drive Solar Project.

There were no questions from the committee on this topic and no objections to the Level 0 classification. Project approved.

Item 3.10 – Charlotte Solar Project – VELCO-14-GNF06

Mr. Frank Etori (VELCO) provided an overview of the Charlotte Solar Project.

There were no questions from the committee on this topic and no objections to the Level 0 classification. Project approved.

Item 4.0 – Non-Price Retirement

Item 4.1 – Wallingford Refuse NPR

Ms. Carissa Sedlacek (ISO) provided an update regarding the Wallingford Refuse Non-Price Retirement Request.

Mr. Fred Plett (MA AG) asked what is the MW threshold for notifications to the RC.

Ms. Sedlacek replied that all NPRs 5 MWs or greater must come before the RC for an advisory vote.

A motion to approve the NPR request and the analysis was performed in accordance with MR 1 Section III.13.2.5.2.5 was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions. Motion approved.

Item 5.0 – Planning Procedures

Item 5.1 – Planning Procedure 10

Ms. Carissa Sedlacek (ISO) provided an overview of the revisions to PP 10 pertaining to conforming changes related to the Non-Commercial Capacity Deferral Notification.

Mr. Bob Stein (HQ US) suggested removing the word “not” on the second bullet on slide 3 of the presentation prior to the phrase “mutually exclusive”.

Ms. Sedlacek replied that we can do that and repost the presentation.

A vote on this topic will be taken at a future Reliability Committee meeting.

Item 6.0 – HQICC and ICR Values for FCA 9 2018/2019 Capacity Commitment Period

Mr. Peter Wong (ISO) provided an overview of the 2018/2019 FCA Tie Benefit Study.

Ms. Dorothy Capra (NESCOE) commented that while she agrees that it is too late in the timeline to include DG values for FCA 9. However, by not including the DG coming to the region in the next several years, we will be over purchasing ICR for FCA 9. This should be addressed for FCA 10. Both VELCO and VPPSA concurred with the NESCO comments. VELCO stated that they will be voting against the HQICC and ICR values based on this reason. UI stated that they agree and they will be abstaining from the vote. Ms. Capra also commented that the states are considering with the advent of PI, the rolling availability average (forced outage rate) will be changing and this should be considered as well for FCA 10.

Mr. Jack Martin (NEP) asked if the DG be considered for upcoming ARAs.

Mr. Wong replied that we are looking into it.

Mr. Cal Bowie (NU) stated that DG should be worked on for FCA 10 but understanding it is too late for inclusion for FCA 9. As such, NU will support the FCA 9 values.

Mr. Bowie suggested that ISO develop a memo or white paper explaining how the DG forecast is appropriate for transmission planning but how it is different as part of the FCM.

CMEEC concurs that it is too late for DG inclusion in FCA 9 but it could be addressed as part of subsequent ARAs.

Mr. Bill Killgoar (LIPA) and Mr. Jose Rotger (CSC) stated they object and will vote to oppose the Tie Benefits values assigned in New England due to fact that CSC tie benefits are set to 0 and are not included as part of the calculation.

Ms. Maria Scibelli (ISO) provided an overview of the FCA 9 ICR values.

Mr. Doug Hurley (Synapse) asked what does the total capacity value mean on slide 8.

Ms. Scibelli replied that is the total MWs in the ICR model and includes OP 4 voltage reduction, proxy units, Tie Benefits and Generation resources.

Synapse and VELCO supports the NESCOE comments regarding the changes forthcoming in the rolling Forced Outage Rate with the advent of PI in the FCA 9 timeframe. The expected result will be a reduced forced outage rate and as such, an over purchase of ICR for FCA 9.

Mr. Jack Martin (NEP) suggested that future presentations include the value for Passive DR in the ICR calculation matrix.

A motion to approve the FCA 9 HQICC values was moved and seconded. A vote was taken by show of hands with two opposed (Supplier Sector LIPA and CSC) and one abstention (Supplier Sector HQ US). Motion Approved.

A motion to approve the FCA 9 ICR values was moved and seconded. A vote was taken by show of hands with four opposed (1 Transmission Sector VELCO, 1 Publicly Owned Sector VPPSA, 2 Supplier Sector LIPA, CSC) and one abstention (Transmission Sector UI). Motion Approved.

Item 7.0 – Price Responsive Demand Reserve Auditing

Mr. Henry Yoshimura (ISO) provided an overview of the PRD Claimed 10/30 Audit Revisions.

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

A motion to approve the PRD Reserve Auditing revisions was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions.

Item 8.0 – Operating Procedures

Item 8.1 – OP 12

Mr. Osman Bileya (ISO) provided an overview of the revisions to OP 12 and where the language from OP 12 Reactive Capability Testing will move into OP 23 and a new listing of generator testing dates into the new OP 23G document.

Ms. Dorothy Capra (NESCOE) asked if the terms “on peak” and “off peak” are defined anywhere

Mr. Bileya replied that it is defined in OP 12B.

Mr. Jose Rotger (CSC) asked if any of these VAR testing requirement affect non generators providing voltage support for the system such as CSC.

Mr. Bileya replied that these revisions will not pertain to non-generator VAR resources.

A vote on this topic will be taken at a future Reliability Committee meeting.

Item 8.2 – OP 12A, OP 12B, OP 12C, OP 12D

Mr. Osman Bileya (ISO) provided an overview of the supporting revisions to OP 12A, OP 12B, OP 12C and OP 12D based on the changes to OP 12.

Mr. Al Scarfone (NU) asked if you could functionally group the table in OP 12A by state versus alpha/numeric.

Mr. Bileya replied that we can take that suggestion back for review.

As these revisions are to the appendices of the OP 12 main body document, notification only is required.

Item 8.3 – OP 11

Mr. Kory Haag (ISO) provided an overview of the revisions to OP 11.

There were no questions from the committee on this topic.

A vote on this topic will be taken at a future Reliability Committee Meeting.

Item 8.4 – OP 11E, OP 11F

Mr. Kory Haag (ISO) provided an overview of the revisions to OP 11E and OP 11F.

There were no questions from the committee on this topic.

As these revisions are to the appendices of the OP 11 main body document, notification only is required.

Item 8.5 – OP 14

Mr. Dean LaForest (ISO) provided an overview of the revisions to OP 14.

Mr. Jose Rotger (CSC) asked what exemptions are pertaining to the standards of review for system reliability. What will be the specific standards and criteria used for the review. Mr. LaForest provided some generic examples where exemptions could be granted. Exemptions will be granted on a case by case basis.

Additional clarification questions were asked and responded to by Mr. LaForest.

A vote on this topic will be taken at a future Reliability Committee Meeting.

Item 8.6 – OP 14A, OP 14E, OP 14G

Mr. Steve Jones (ISO) provided an overview of the revisions to OP 14A, OP 14E and OP 14G pertaining to conforming changes for the Winter Reliability Program.

Mr. Tom Kaslow (GDF Suez) suggested a change to the document language removing the phrase “unrestricted access” and changing to “immediate access to use of the fuel on its site or nearby with a direct connection”.

Mr. Jones and ISO Operations agreed to the document language change.

A motion to approve the revisions was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions.

Item 8.7 – NX-12, NX-12E, NX-12G

Mr. Steve Jones (ISO) provided an overview of the revisions to NX-12, NX-12E and NX-12G pertaining to conforming form changes for the Winter Reliability Program.

As these revisions are revised forms related to the changes to OP 14A, OP 14E and OP 14G, and notification only is required.

Item 8.8 – OP 14B

Mr. Kory Haag (ISO) provided an overview of the revisions to OP 14B for instructions for completion of the NX-12D information.

Mr. Bruce McKinnon (CMEEC) asked if the term “resources” would be a better term than “Generator” when it comes to description of inverter use.
Mr. Haag stated that we can take that back for review.

A vote on this topic will be taken at a future Reliability Committee meeting.

Item 8.9 – OP 23, OP 23G

Mr. Kory Haag (ISO) reviewed the revisions to OP 23 and OP 23G moving Reactive Capability Testing requirement from OP 12 into OP 23 and the testing schedule into the new OP 23G.

Mr. Bill Fowler (Exelon) asked if the testing dates in OP 23G align with the testing required in Schedule 2.

Mr. Haag replied that it potentially could but it is not guaranteed.

A vote on this topic will be taken at a future Reliability Committee meeting.

Item 8.10 – OP 17

Mr. Osman Bileya (ISO) provided an overview of the revisions to OP 17.

Mr. Jack Martin (NEP) asked if the VTF will be performing studies regarding these standards.

Mr. Bileya replied that they will but after the fact.

Mr. McKinnon (CMEEC) suggested you add the word “planned project” to the revised language to identify the trigger point of the study.

Mr. Bileya stated we can make that change.

A vote on this topic will be taken at a future Reliability Committee meeting.

Item 8.11 – OP 17A

Mr. Osman Bileya (ISO) provided an overview of the revisions to OP 17A.

There were no questions from the committee on this topic.

As this is a revision to the main body document to OP 17, notification only is required.

Item 8.12 – OP 7A

Mr. Jerry Elliott (ISO) provided an overview of the revisions to OP 7A.

There were no questions from the committee on this topic.

As this is a revision to the main body document to OP 7, notification only is required.

As there was no further business, it was moved and seconded to adjourn the meeting at 3:00 P.M.

Respectfully submitted,

Marc Lyons, Secretary
Reliability Committee