

**Minutes of the
Reliability Committee Meeting
February 16, 2016**

<u>Members Present</u>	<u>Sector</u>	<u>Affiliation</u>
D. Gates	Chair	ISO New England Inc.
M. Lyons	Secretary	ISO New England Inc.
B. Stein	Vice Chair/Supplier	Footprint Power/PSEG Energy Resources/HQ Energy Services
C. Beveridge	Transmission	Central Maine Power Company
J. Fenn	Transmission	Emera Maine
A. Boutsioulis (ph)	Transmission	United Illuminating Company
N. Chafetz (ph)	Supplier	Galt Power
F. Etori	Transmission	Vermont Electric Power Company
D. Bradt	Transmission	United Illuminating Company
J. Davis (ph)	Generation	Dominion Energy Marketing
C. Liu (ph)	Publicly Owned	Massachusetts Municipal Wholesale Electric Company
B. Fowler	Generation/Supplier	Entergy Nuclear Power Marketing/Essential Power/Exelon Generation/Granite Ridge
D. Hurley	End User	Synapse
S. Garwood	Supplier	Marble River
A. Krich (ph)	Generation	Boreas Renewables
S. Dimou (ph)	Transmission	Emera Maine
S. Kaplan (ph)	Supplier	Marble River
J. Martin	Transmission	New England Power Company
B. McKinnon	Publicly Owned	Connecticut Municipal Electric Energy Cooperative
F. Plett (ph)	End User	Massachusetts Attorney General Office
B. Killgoar	Supplier	Long Island Power Authority
J. Rotger	Transmission	Emera Energy Services
A. Scarfone	Transmission	Eversource Energy
P. Smith	Publicly Owned	Energy New England
<u>Guests Present</u>		<u>Affiliation</u>
E. Runge		Day Pitney
M. Henderson		ISO New England Inc.
E. Jacobi		FERC
M. Gonzalez		ISO New England Inc.
D. Capra		NESCOE
A. Rawat		New England Power Company
S. Rourke		ISO New England Inc.
S. Dave		TDI New England
G. Elliott		ISO New England Inc.
C. Fraser (ph)		Massachusetts Department of Public Utilities
J. Pilleteri (ph)		Eversource Energy
C. Morin		Central Maine Power Company
K. Haag		ISO New England Inc.
B. Bentley		Eversource Energy
K. Fougere (ph)		Quanta Technologies
G. Wade		ISO New England Inc.

M. Jaeger		ISO New England Inc.
A. Rost		ISO New England Inc.
B. Oberlin		ISO New England Inc.
C. Simonelli		ISO New England Inc.
O. Bileya		ISO New England Inc.
G. Daniel (ph)		Massachusetts Department of Public Utilities
P. Lopes (ph)		Massachusetts DCAM
S. Shakir (ph)		New England Power Company
M. Stevens (ph)		New England Power Company
B. Swalwell (ph)		Tangent Energy
D. Bergeron (ph)		Maine Public Utilities Commission
M. Winkler		ISO New England Inc.

Item 1.0 – Chair’s Remarks

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

Mr. John Pearson (ISO) provided remarks regarding the NERC Standard MOD-032.

ISO is preparing for NERC Standard MOD-032 dynamics data confirmation and for generators over 5 MW to review the dynamics data that is on file with ISO. Effective today, Market Participants with Dynamic Devices (Generators and NERC Transmission Owners) can enter a role of Compliance Officer for the Dynamics Data Management System (DDMS). This role is established using the ISO Customer and Asset Management System (CAMS). Effective March 1, Market Participants using the Compliance Officer role will be able to view dynamics data and submit new “tickets” to confirm or update information on dynamic devices or generators. On or around March 15th, ISO will make a formal request for Market Participants to review and confirm accurate data or update any inaccurate data. Confirmations will be due 60 days after the request is made. The ISO’s Compliance Bulletin – MOD-032 - Model Data Requirements and Reporting Procedures contains details on dynamics data confirmation.

The DDMS system is available using the Customer Ticket Management application in the SSO/SMD Home page. Training on DDMS will also be available using ISO-Ten beginning on March 1st and ISO Customer Service can provide additional assistance if required. Generator Owners who are updating data for MOD-026-1 — Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions or MOD-027-1 — Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions will be required make those updates using the DDMS application as well. This announcement will appear in the RC Meeting Minutes.

Mr. Jose Rotger (Emera Energy) asked if this will go out to the All Notice List.

Mr. Pearson replied that it will.

Mr. Alex Boutsoulis (UI) asked if resources 5MW or greater that are not Market Participants required to provide this information?

Mr. Pearson replied that they do not.

Item 2.0 – Meeting Minutes

A review was performed of the January 20, 2016 RC Meeting Minutes.

There were no questions from the committee on this topic.

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

Item 3.0 – Level II/III Proposed Plan Applications (PPAs)

Item 3.1 – Carpenter Hill Autotransformer Replacement Project – NEP-16-T04

Mr. Dean Latulipe (NEP) provided an overview of the Carpenter Hill Autotransformer Replacement 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 with none opposed and no abstentions. Project approved.

Item 3.2 – South Street Substation Transmission Line Upgrade Project – NEP-15-T13

Mr. Shishir Shekhar (NEP) provided an overview of the South Street Substation Transmission Line Upgrade Project.

Mr. Jose Rotger (Emera Energy) asked if the swap of the transmission from overhead to underground will result in a change of the line thermal ratings.

Mr. Shekhar replied that it will not.

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

Item 3.3 – Northern Pass Transmission Project Introductory Presentation

Mr. Brad Bentley (Eversource) provided an introductory overview of the Northern Pass Transmission Project.

Mr. Bruce McKinnon (CMEEC) and Mr. Jose Rotger asked if Eversource will expand on the risk potential of the loss of the Northern Pass and Phase II Transmission line.

Mr. Bentley replied that this issue was discussed in a previous presentation on the Northern Pass project and we will expand on our solutions when we bring the PPAs for RC review.

Mr. Bill Fowler (Exelon) asked if the generators being studied are the same ones that were in the initial study.

Mr. Bentley replied that he believes so.

Mr. Fowler asked if the study results could be supplied to the affected generators prior to the RC PPA review.

Mr. Bentley replied that he believes Eversource can do that but he will take that back for confirmation.

Mr. Jose Rotger (Emera Energy) asked if there are any new generators being studied that were not part of the initial study.

Mr. Bentley replied he believes there are perhaps a few additional generators being studied that were not part of the initial study.

Mr. Doug Hurley (Synapse) asked if this project will have a TCA associated with it. Mr. Bentley replied that it will not as the project is classified as an ETU.

Mr. Rotger asked if this part of the project will have a new PPA or a revised PPA.

Mr. Bentley replied that it will be a new PPA.

Mr. Jeff Fenn (Emera Maine) asked if the old PPAs were removed.

Mr. Oberlin replied that he does not believe the old PPAs were formally withdrawn but the project has been removed from the project list.

Mr. Fenn asked if the Northern Pass project as previously reviewed has been included in the ongoing base case study as the PPAs were never formally withdrawn.

Mr. Oberlin replied that we will take that back.

Mr. Bob Stein (HQUS) asked if the Seabrook resource is part of the study.

Ms. Monica Gonzalez replied that we cannot comment on the resources being reviewed at this time.

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

Item 4.0 – Level 0/I Proposed Plan Notifications

Item 4.1 – Seabrook 345 kV Breaker Removal and Bus Upgrade Project – NHT-16-T01

Mr. Steve Garwood (NHT) provided an overview of the Seabrook 345 kV Breaker Removal and Bus Upgrade Project.

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

Item 4.2 – Twin River Quincy Gas Generator Project – NEP-16-GNF01

Mr. Jack Martin (NEP) provided an overview of the Twin River Quincy Gas Generator Project.

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

Item 4.3 – Peterson Road Palmer Solar Project – NEP-16-GNF02

Mr. Jack Martin (NEP) provided an overview of the Peterson Road Palmer Solar Project.

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

Item 4.4 – Solar City Andover Solar Project – NEP-16-GNF03

Mr. Jack Martin (NEP) provided an overview of the Solar City Andover Solar Project.

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

Item 4.5 – Brookfield Wire West Brookfield Project – NEP-16-GNF04

Mr. Jack Martin (NEP) provided an overview of the Brookfield Wire West Brookfield Solar Project.

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

Item 4.6 – Auburn Street Substation Project Rev. 2– NEP-15-T47-Rev. 2

Mr. Mark Stevens (NEP) provided an overview of the Auburn Street Substation Project Rev. 2.

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

Item 4.7 – Ball Mountain Jamaica Hydro Project – VELCO-16-GNF01

Mr. Frank Ettori (VELCO) provided an overview of the Ball Mountain Jamaica Hydro Project.

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

Item 5.0 – Transmission Cost Allocations (TCAs)

Item 5.1 – G-185S 115 kV Line Reconductoring TCA – NEP-16-TCA-02

Mr. Abhinav Rawat (NEP) provided an overview of the G-185S 115 kV Line Reconductoring TCA. Pool Supported PTF costs are \$6.62M (Actual Costs).

There were no questions from the committee on this topic.

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

Item 6.0 – Schedule 2 Capacity Cost Compensation Program – Bucksport 3-5 QRR Request

Mr. Mike Jaeger (ISO) provided an overview of the Schedule 2 CCCP Qualified Reactive Capability Request for the Bucksport 3-5 generator.

Mr. Bruce McKinnon asked if the Bucksport generator is multiple, individual generators or just a single modeled generator.

Mr. Jaeger replied that the Bucksport 3-5 is a composite generator modeled as a single resource.

A motion to approve the Schedule 2 CCCP Qualified Reactive Capability request for Bucksport 3-5 was moved and seconded. A vote was taken by show of hands with none opposed and 3 abstentions (3 Publicly Owned Sector). Motion passes.

Item 7.0 – Operating Procedures

Item 7.1 – OP 14A – Technical Requirements for Generation, Demand Resources and Asset Related Demands – Explanation of Terms and Instructions for Data Preparation of ISO New England NX-12, Generator Technical Data

Mr. Jerry Elliott (ISO) provided an overview of the revisions to OP 14A and the instructions for completion of the NX-12 Form.

Mr. Bruce McKinnon (CMEEC) asked on Page 14 Section 4, have we changed the terminology from gas turbine to combustion turbine.

Mr. Elliott replied we can take that back for discussion.

Ms. Abby Krich (Boreas Renewables) asked on page 14, can you add DNE generator as a flexible generator.

Mr. Elliott replied that we cannot answer that at this time but we take that back for review.

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

Item 7.2 – OP 16B – Transmission System Data - Explanation of Terms and Instructions for Data Preparation of ISO New England NX-9C

Mr. Jerry Elliott (ISO) provided an overview of the revisions to OP 16B and the instructions for completion of the NX-9C Form.

Minor clarification questions were asked and responded to by Mr. Elliott and Ms. Cathy Simonelli (ISO).

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

Item 7.3 – OP 10 – Emergency Incident and Disturbance Notifications & OP 10B

Mr. Jerry Elliott (ISO) provided an overview of the revisions to OP 10 and OP 10B.

Mr. Curt Beverage (CMP) requested that you fully spell out the acronym IROL in the document.

Mr. Elliott replied that we can do that.

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

Item 8.0 – PP 3 – Introduction and Overview of the Need and Process for Updating the Procedure Criteria

Mr. Brent Oberlin (ISO) provided an introductory overview of the need and process for updating the PP 3 procedure criteria.

Mr. Jose Rotger (Emera Energy) asked if a facility that meets the NPCC standard such as a 69 kV facility, is that facility exempt from the 100 kV Bright Line standard of NERC.

Mr. Oberlin replied that the NPCC standard applied because the NERC standards pulled additional criteria under its requirements.

Mr. Curt Beverage (CMP) asked if ISO will entertain that PTF facilities be considered as BES.

Mr. Oberlin replied that it is under consideration.

As there was no further business, it was moved and seconded to adjourn the meeting at 1:10 P.M.

Respectfully submitted,

Marc Lyons, Secretary
Reliability Committee