# MINUTES OF THE RELIABILITY COMMITTEE (RC) MEETING HELD ON AUGUST 1, 2018 IN WESTBOROUGH, MASSACHUSETTS

M. Winkler Chair ISO New England Inc.   R. Stein Vice Chair Generation Group Member, NRG Power   Generation Marketing.   HQ Energy Services, PSEG Energy Resources & Supplier Trade   Alternative Resource SunEdison   M. Lyons Secretary ISO New England Inc.   R. Andrew Transmission Eversource Energy   C. Bowie Transmission Eversource Energy   Owned/Supplier ConEd Energy Supplier   J. Dannels Supplier ConEd Energy   Stopplier ConEd Energy Supplier   F. Ettori Transmission VELCO   B. Forshaw* Publicly Owned CMEEC   Generation/Supp Generation Group Seat - Boreas Renewables   J. Iafrati* Supplier Galt Power   J. Iafrati* Supplier Cali Power   J. Krish* Generation Generation Company   A. Krish* Generation Generation Company   A. Krish* Generation Caline   J. Martin Transmission Vew England Power Company   A. Krish* Generation Ceneration Comp Seat - Boreas Renewables   B. Kruse Supplier Calpine   J. Martin	Attendee	Sector	Market Participant
Generation     Generation Group Member, NRG Power Marketing.       HQ Energy Services, PSEG Energy Resources & Supplier     Trade       Alternative Resource     SunEdison       M. Lyons     Secretary     ISO New England Inc.       R. Andrew     Transmission     Eversource Energy       C. Bowie     Transmission     Eversource Energy       D. Cavanaugh*     Owned/Supplier     ConEd Energy       J. Dannels     Supplier     ConEd Energy       J. Dannels     Supplier     ConEd Energy       F. Ettori     Transmission     VELCO       B. Forshaw*     Publicly Owned     CMEEC       Generation/Supp     Generation/Supp     Generation/Supp       W. Fowler     lier     Exelon, Dynegy, Calpine, Wheelabrator       J. lafrati*     Supplier     Galt Power       Alternative Resource/End     Seneration Group Seat - Boreas Renewables       B. Kruse     Supplier     Calpine       J. Martin     Transmission     New England Power Company       A. Krish*     Generation     Generation Group Seat - Boreas Renewables       B. Kruse     Supplier     Cal	M. Winkler	Chair	ISO New England Inc.
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J. Elliott	ISO New England Inc.
L. Fink*	Maine Public Utilities Commission
S. George	ISO New England Inc.
M. Gonzalez	ISO New England Inc.
M. Heimgartner*	Maine Public Utilities Commission
R. Hunter	Calpine
E. Jacobi	FERC
A. McBride	ISO New England Inc.
B. Oberlin	ISO New England Inc.
E. Runge	Day Pitney
M. Scibelli	ISO New England Inc.
C. Sedlacek	ISO New England Inc.

\*Participated by phone

Ms. Mariah Winkler welcomed the committee and reviewed the day's agenda.

There was a quorum in all sectors.

#### Item 2.0 – Operating Procedures

# <u>Item 2.1 – OP 24 – Relay Protection Outage, Settings and Coordination and OP 24A and OP 24B</u>

Mr. Jerry Elliott (ISO) provided a review of the new OP 24 and Appendices OP 24A and OP 24B to reflect relay protection outages, settings and coordination.

In response to stakeholder questions, the ISO:

- Noted that the proposed effective date for providing information on the 345 kV relay settings has been revised and pushed back roughly 5 or 6 months. However, the effective dates for providing information on the voltage levels at 230 kV and below remain the same.
- In regards to the OP 24B spreadsheet, explained the expectation that stakeholders will review the document annually and resubmit to ISO if there are any changes to relay settings.
- Clarified that it will require information on any relays that reach out into the transmission system.

Noted that there are provisions for emergency relay setting changes.

Several stakeholders expressed concern regarding the costs associated with developing the PSSE model and the lack of a cost recovery mechanism.

The vote on this topic was deferred to a future Reliability Committee meeting.

#### Item 2.2 - OP 3 - Relay Protection Outage, Settings and Coordination

Mr. Jerry Elliott (ISO) reviewed the document revisions to provide coordination with new OP 24 content that addresses protection outage requirements.

The vote on this topic was deferred to a future Reliability Committee meeting.

## Item 2.3 – OP 5 – Relay Protection Outage, Settings and Coordination

Mr. Jerry Elliott (ISO) reviewed the document revisions to provide coordination with new OP 24 content that addresses protection outage requirements.

The vote on this topic was deferred to a future Reliability Committee meeting.

### Item 2.4 – OP 19 – Transmission Operations

Mr. Jerry Elliott (ISO) reviewed the document revisions to provide coordination with new OP 24 content that addresses protection outage requirements.

The vote on this topic was deferred to a future Reliability Committee meeting.

### <u>Item 2.5 – OP 21 – Emergency Inventory Accounting and Actions During an Energy</u> <u>Emergency</u>

Stephen George (ISO) reviewed the document revisions to establish alert thresholds similar to those used under the Energy Emergency Alert (EEA) system in the NERC Standards.

In response to stakeholder questions, the ISO:

- Noted that there are three tiers of the alert system pertains to the depletion of reserves. FEEA I is tapping into 30 Minute Reserves. FEEA II is tapping into 10 minute reserves. FEEA III is when there are no reserves and there is the potential to shed load.
- In regards to contact with neighboring systems regarding imported power, that the ISO routinely has contact with our neighbors. In extreme weather conditions the ISO will be talking with them daily or more frequently as needed.

Several stakeholders offered suggestions to the proposed revisions including documenting the process for exiting an energy emergency and potentially clarifying when generators are allowed to burn emergency or back-up fuel during an Energy Emergency.

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

#### <u>Item 2.6 – OP 21A – Emergency Inventory Accounting and Actions During an Energy</u> <u>Emergency</u>

Mr. Stephen George (ISO) reviewed the document revisions to update Generator Fuel Inventory Survey.

In response to a question from the committee, ISO stated that there will not be a need to include permit limitations on the OP 21A form as ISO already has that information from other sources.

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

### Item 3.0 – Impacts of Assumption Changes for ICR

Ms. Maria Scibelli (ISO) provided a review of the impacts of assumption changes to the ICR.

In response to stakeholder questions, the ISO:

- Noted that the new 700 MW Operating Reserve requirement will impact FCA 13 and all subsequent ARAs.
- Explained that the increase in EFORd was a result of several fossil fuel outages in 2011 & 2012. As EFORd is a rolling 5 year average, it is expected that these values would decrease in the coming years as those outages fall off the calculation.

Stakeholder provided the following comments:

- The NESCOE representative commented that the opposition to the increase of the reserve amount is not an official NESCOE position as stated in the posted presentation material, but rather was a position noted by a NESCOE representative. Following the meeting, a revised presentation was posted correcting this statement.
- The Maine PUC representative stated that they are opposed to the increase in the operating reserve requirement as well and that more information should be provided regarding what is the added reliability of the increased reserve requirement in the ICR calculation.
- The Synapse representative commented that it believes there is an existing bias in the ICR calculation due to the underestimation of the value of EE, PV and storage.
- The ENE representative commented that it also agrees that the increase in the operating reserve requirement is overly conservative.

### Item 4.0 – Proposed Tariff Revision for the ICR Assumption Changes

Ms. Maria Scibelli (ISO) reviewed the Tariff changes associated with adjustment to voltage reductions and adjustments to peaking generation de-rate factors.

Minor clarification questions were asked and responded to by Ms. Scibelli.

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

#### Item 5.0 – Other Business

There was no other business for discussion.

### Meeting Adjourned at 1:45 PM

Respectfully submitted, \_\_\_\_\_/s/\_\_\_\_ Marc Lyons Secretary, Reliability Committee