

***Joint Meeting of the
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS)/
Reliability Compliance Monitoring Subcommittee (RCMS)***

***RRS/RCMS Meeting Conference Call
Thursday, February 28, 2013***

Minutes of RRS Meeting #163

In Attendance (all by telephone):

RRS/RCMS Members and Alternates:

Roger Clayton, Electric Power Resources (Chairman)
Pat Hession, LIPA
Henry Wysocki, Con Edison
Roy Pfleiderer, National Grid
Jeff May, Central Hudson (Secretary)
Brian Gordon, NYSEG
Wayne Sipperly, NYPA
Larry Hochberg, NYPA

Non-Voting Participants:

Al Adamson, NYSRC Consultant
Paul Gioia, NYSRC Counsel
Jim Grant, NYISO

Guests:

Kristen Bluvas, NYISO Counsel
Meyer Sasson, ConEd
Abhilash Gari, NYPA
Wes Yeomans, NYISO
Kathy Whittaker, NYISO

Agenda Items

1.0 Introduction

RRS Meeting #163 was called to order by Mr. Clayton at 9:30 AM. He apologized for the e-mail security issue that caused difficulty for information recipients. Mr. Clayton further indicated that he will accommodate changes to the agenda, including jumping between RRS & RCMS agenda items, based on participant availability.

1.1. Executive Session

No Executive Session was requested.

1.2. Requests for Additional Agenda Items

Roger requested an additional agenda item, #4.3, “Removal of {Reliability Rule} Exception #15.”

At 09:35am, the RRS meeting was placed on hold for RCMS Agenda Items, “Status Report on Implementation of G-M1 Black Start Testing Requirements and Ravenswood Tariff” and the NYISO Report on Hurricane Sandy. Refer to RCMS Meeting #158 Minutes; the RRS Meeting resumed at approximately 10:20am.

2. Approval of Minutes/Action Items

2.1 Approval of Minutes #162

The latest draft meeting minutes were reviewed. The following editorial changes were made:

Page 1: Indicate Mr. P. Hession as present, not on the phone; Zoraini Rodriguez was in attendance on the phone.

Page 2: none

Page 3: none

Page 4: Mr. Hession provided changes in writing to the 3 bullet items in Section 3.1.1 paragraph 3, but after discussion with the committee, it was agreed to remove the word ‘alleged’ in bullet 2 and to modify bullet 3 by stating that ‘RRS should consider defining ‘the system’ in a way consistent with NPCC’.

Mr. Adamson asked if Mr. Hession’s comments were relative to the EC presentation or the future PRR 113 rule change. Mr. Hession clarified that his comments are relative to future rule changes. He believes it would be helpful for RRS to define ‘the system’ before defining the criteria necessary to restore the system in an effort to eliminate ambiguity. Mr. Clayton agreed and suggested that the words, ‘for development of future rules in this area’ be added to the opening statement.

Page 5: none

The minutes were approved for issue after incorporation of the requested changes.

2.2 RRS Action Item List

AI 43-9 – No update

AI 83-8 – No update

AI 87-5 – No update

AI 114-1 – On Hold; no update

AI 124-5 – On Hold; no update

RRS 163 Minutes - Approved

AI 139-1 – No update

AI 141-1 – No update

AI 155-4 – No update.

AI 158-1 – No update.

AI 161-4 – Mr. Sasson started by reiterating the context of the question. Hypothetically, how would ConEd define the minimum power system and the resources required to restart the system in compliance with Directory 8 requirements? Con Ed is not currently obligated to follow Directory 8 because they are neither the reliability coordinator nor the transmission system operator. They would consider that the basic minimum power system would be the set of generating substations and transmission lines that would form an initial island for restoration. The context of the scenario is important to understand; it is assumed that an extensive blackout occurred and all surrounding areas are blacked out and they cannot rely on anyone else for restoration power. ConEd would consider the NYISO backbone as the minimum system under this scenario. Therefore, the NYISO energizing a portion of their system would be adequate for restoration. ConEd also has the island plan which is the ability to restore using in-city resources. A basic minimum power system in that scenario to initiate the restoration process would consist of fast starting units – gas turbines and combined cycle plants - to energize the small island and act as a springboard to other units that are either slower to start or not capable of black start. The intent is to provide light and power to two nuclear units within the ConEd system and to reach the interconnection points to neighboring utilities in preparation of synchronization with other areas. Mr. Sasson summarized the various requirements of Directory 8 and how this approach contemplates compliance with the requirements. Various scenarios are subject to load flows to meet minimum voltage profiles and they are run through a simulator for operator training exercises.

Mr. Adamson asked about the relevance of Directory 8 to PRR 113: does ConEd envision this as part of the rule change or as just a reference to it?

Mr. Gioia suggested that Con Ed is trying to develop some analysis objectivity to identify necessary generators to provide black start power. If objectivity can be identified, then the Reliability Council may be able to incorporate these concepts into the reliability rules.

There was discussion between Mr. Gioia & Mr. Sasson regarding the “island” plan. Mr. Gioia asked Mr. Sasson if there is a way to objectively define the island plan and how it works. Mr. Sasson stated that it would have the characteristic such that there must be fast-acting generators that start a minimum portion of the system from which the rest of the system can be started. Mr. Gioia asked Mr. Sasson if it was possible to objectively define the minimum system and the resources necessary to restart that system. Mr. Sasson indicated that it is possible; just need to identify a starting point with enough MW

& MVar to support the restoration process. Mr. Sasson clarified that Directory 8 is an obligation of the NYISO, not ConEd at this time. Mr. Clayton suggested that ConEd may be subject to Director 8 in the future, which Mr. Sasson agreed.

Mr. Clayton turned the discussion back to “what is the minimum power system” and whether it reaches toward the NYSRC term “prompt”. Mr. Gioia responded that the basis of promptness is keyed off the minimum power system and the resources that are part of that system. Con Ed can identify necessary resources even though participation is voluntary. Mr. Gioia stressed that the NYSRC should be looking to create a more objective basis why particular generator(s) are selected to participate and the rationale for what is considered necessary. Lastly, he indicated that RRS probably cannot come up with a metric like LOLE, but the rules need an approach that provides better definition.

Mr. Adamson withdrew his earlier question, but indicated that the discussion was circling around the statements on page 3 of the EC presentation. Essentially, this is the procedure developed by the transmission owner that describes how they will comply with the proposed rule.

Mr. Clayton cut-off the discussion at this point since it provides a segway into the PRR 113 discussion as part of agenda item 3.1.1.

AI 161-5 – Mr. Clayton suggested to defer discussion on this Action Item until a later date.

AI 162-1 – completed; Agenda Item 4.2 in today’s meeting

AI 162-2 – completed; Agenda Item 3.1.1

AI 162-3 – incomplete; change date to March 8, 2013.

3. NYSRC Reliability Rules Development

3.1 List of Potential Reliability Rules Changes

Mr. Clayton reported that PRR 114 is final and approved.

3.1.1: PRR 113: SRP Clarifications

Mr. Clayton began the discussion by indicating that he was tasked at the last meeting to update the presentation and to provide a clean black text copy. Mr. Gioia was to provide an update to bullet item #1 on page 8 for inclusion in the update. That update was posted. Mr. Gioia provided additional input and revisions; Mr. Clayton reviewed those suggestions. Today’s objective is to finalize the revisions and provide a clean copy for presentation at the EC meeting. Mr. Clayton walked through a page-turn of the latest presentation. There was a lengthy discussion on several of Mr. Gioia’s suggestions, but ultimately RRS agreed to a final version for presentation to the EC.

3.2 NPCC Rules Revision Update

Mr. Adamson reported that Directory 12 is up for comment. NYSRC has no rules related to this Directory. There was no further discussion.

3.3 NERC SARS/Organization Standards

Mr. Clayton reported on RCC meeting. Regarding Directory 1, an ad-hoc group comprised of members of the CP-11 and CO-7 working groups will be assembled to review Directory 1 over the next few months to further clarify requirements. This impacts RRS's reformatting initiative. Expect further discussion at a future meeting. Second item was a discussion on SS-38 load modeling white paper: load modeling transient stability response. Based on tests completed, they are fairly optimistic WECC model accurately portrays the response of the network where the zip model provided a stable system response and the other model showed a less stable system response.

4. Additional Agenda Items

4.1 Plan to modify NYSRC RR to reflect NERC/NPCC Standard Initiatives

Mr. Clayton said we are stalled at the moment based on the developments of Directory 1; no discussion today. Mr. Clayton suggested that he and Mr. Adamson review how the NYSRC is going to address this going forward. At the last EC meeting it was suggested that the RRS develop a white paper to discuss what RRS is proposing and how the committee will be implementing the rule reformat. The white paper will identify the three major steps to the reformatting project: Part 1 reformat the rules, Part 2 is to examine NERC & NPCC requirements to ensure NYSRC rules are consistent with the other regulatory entities, and Part 3 is to revise the manual. Mr. Adamson will develop a draft white paper on how to proceed with RR reconfiguration. [**Action Item 163-1**]

4.2 Review RR Glossary to determine need for clarifications

Mr. Clayton stated this agenda item is a placeholder at the request of Mr. Hession.

4.3 Removal of {Reliability Rule} Exception #15

Mr. Clayton forwarded an e-mail chain from Mr. Gordon requesting the withdrawal of this exception (post-contingency voltage at Oakdale and Watercure) because the system configuration has changed to eliminate this issue. The NYISO supports this request for withdrawal. Mr. Clayton reviewed the procedure for exception withdrawal. All procedural requirements have been satisfied; Mr. Clayton will bring this request to EC [**Action Item 163-2**]. Mr. Grant confirmed the NYISO has reviewed and approved the rescission request.

5. Reports

5.1 NYSRC EC Meeting Report

Mr. Clayton had nothing to report.

5.2 NYSRC ICS Meeting Report

Mr. Adamson indicated they are preparing for the next IRM study.

6. Next Meeting #164:

The next RRS/RCMS joint meeting is scheduled for Thursday, April 4th, 2013 at 9:30 AM in the NYSERDA offices located at 17 Columbia Circle, Albany, NY.

RRS meeting #163 was adjourned at 11:43 AM.