

**Joint Meeting of the
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS) /
Reliability Compliance Monitoring Subcommittee (RCMS)
Thursday, February 4, 2016**

Minutes of RRS Meeting No. 198 (Conference Call)

RRS Members and Alternates:

Roger Clayton, Electric Power Resources (Chairman)
Larry Hochberg, NYPA (Vice Chairman)
Zoraini Rodriguez, PSEG_LI/LIPA
Martin Paszek, Con Edison (Secretary)
Roy Pfleiderer, National Grid

Non-Voting Participants:

Al Adamson, Consultant
Matilda Duli, Con Edison
Dan Head, Con Edison
Brian Shanahan, National Grid
Sal Spagnolo, NYPA
Abhilash Gari, NYPA
Jim Grant, NYISO
Mark Capano, NYISO
Chris Sharp, NYISO
Douglas Voos, PSEG_LI/LIPA
Edward Schrom, DPS
Paul Gioia, Counsel
Gary Weland, NYISO (Partial)
Jason Wells, NYISO (Partial)

RRS Meeting # 198 was called to order by Mr. Clayton at 9:30 am.

1. Introduction

Mr. Clayton stated that RRS will break for a RCMS session so that the NYISO Subject Matter Experts (SMEs) could discuss the H.1 Control Center Communications R.4 incident at the NYISO.

1.1 Executive Session

None requested.

1.2 Requests for Additional Agenda Items

The following additional Agenda items were requested:

- 6.2: National Grid's Exception to the NYSRC Reliability Rules,
- 6.3: REV, and
- 6.4: Exceptions to the NYSRC Reliability Rules.

2. Approval of Minutes / Action Items

2.1 Approval of RRS Minutes #197

RRS reviewed the Minutes from the last RRS meeting. Minor comments were provided to the Minutes and with these changes, Minutes are considered as final.

2.2 RRS Action Items List

Mr. Clayton asked of the significance of the Action Items identified by red font. Mr. Paszek stated that due to an extensive discussion on these items during RRS Meeting #197 (January 2016), these Action Items were kept an additional month as a reference point.

- Action Item 197-10: Due Date changed to 3/3/2016.
- Action Item 197-9: On agenda today and status is changed to Completed.
- Action Item 197-8: Status Changed to On-going. See additional Agenda Item 6.3.
- Action Item 197-7: Due Date changed to 3/3/2016.
- Action Item 197-6: On agenda today and status is changed to Completed.
- Action Item 197-5: Due Date changed to 3/3/2016.
- Action Item 197-4: On agenda today and status is changed to Completed.
- Action Item 197-3: On agenda today and status is changed to Completed.
- Action Item 197-2: On agenda today and status is changed to Completed.
- Action Item 197-1: See additional Agenda Item 6.4.

Action Item 195-6: After a short discussion toward the issues of NERC Requirements for restoration training being less or more stringent than NYSRC Reliability Rules, and due to the fact that the two Responsible Individuals for this Action Item were not present on the call, this Action Item's Due Date was changed to 3/3/2016. Mr. Grant was added as a Responsible Individual to this Action Item (to provide, as part of this Action Item, a written response toward TOs compliance with NYSRC RR F.1. Requirement 2.3)

Action Item 195-1: Per Mr. Hochberg request the status was changed from Completed to On-going.

Action Item 192-2: The NYISO met with a generator owner that has experienced dual fuel switching failures. The NYISO reported back to RRS their high level findings during the January 2016 RRS Meeting. After a short discussion it was decided that the status of this Action Item should be changed to Completed.

Action Item 192-1: On-going

Action Item 189-6: After a short discussion it was decided that the status of this Action Item should be changed to Completed. See related Action Item 197-4.

Action Item 141-1: On-going

Action Item 139-1: On-going

Action Item 87-5: On-going

Action Item 83-8: On-going

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The RRS Meeting was stopped for a RCMS discussion toward H.1 Control Center Communications R.4 incident at the NYISO.

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3. NYSRC Reliability Rules Development

3.1 Outstanding PRR List

PRRs 120, 121, 122 were approved by the NYSRC Executive Committee and are presently posted for comments. PRR 128 is tabled pending NPCC A-10 Revision. All other PRRs are on the table for today's discussion.

3.1.1 PRR129 B.1 (R1 to R4) Transmission System Planning Performance Requirements (Inclusion of TOs & Developers)

Mr. Clayton provided a short description of this PRR and subsequently asked the RRS whether we need this PRR at all. Mr. Grant stated that the Bulk Power System (BPS) is planned by the NYISO and therefore the NYISO agrees with prior comments from TOs that these new rules are not required. Mr. Paszek expressed an agreement with Mr. Grant stating that there is no need for this PRR. Mr. Adamson noted that the NYISO's Manual(s) require the TOs to apply NYSRC Reliability Rules. Mr. Paszek quoted the NYISO Transmission Expansion and Interconnection Manual where it states "*NYISO does not have its own reliability criteria and for transmission studies, but rather NYISO recognizes and applies the applicable reliability criteria and standards of NERC, NPCC, NYSRC and the local Transmission District(s) for transmission expansion and interconnection studies.*" Mr. Paszek stated that the NYISO performs the NYCA Interconnection studies; not the TOs. Mr. Pfleiderer expressed an agreement with the NYISO and Con Edison. The PRR 129 has been retired.

3.1.2 PRR130 D.1, Mitigation of Major Emergencies

As this PRR was posted a day before the meeting, and due to the fact that RRS members did not review its contents, Mr. Clayton tabled this item for the next RRS meeting.

3.1.3 PRR131A, Modeling & Data (Dual fuel testing requirements NYC)

Mr. Clayton stated that his understanding (from the prior RRS meeting) was that this new rule would be applicable to the whole NYCA and not only NYC and Long Island. Mr. Paszek, who drafted the straw proposal for PRR131A and 131B, stated that because NYC and Long Island already have Local Area Operation / Loss of Gas Supply Reliability Rules it was a natural place to add these new requirements. Mr. Paszek also stated that he is open to other suggestions. Mr. Clayton proposed creating a new section under Section I: *Modeling And Data*.

When reviewing the details of the PRR Mr. Clayton asked why there is a need for bi-annual testing. Mr. Head explained that the gas system (i.e. load) is much different between the summer and the winter periods, and also the ‘behavior’ of generation is different between the seasons (for example: generation tends to trip at very low temperatures). Few additional comments toward the straw proposal were provided by Mr. Adamson and Mr. Clayton.

Mr. Grant asked when the Generator Sector would be informed about this new PRR. After a short discussion it was agreed that it was too soon and that the RRS needs to have another revision and discussion toward this PRR.

Action Item 198-1: Mr. Paszek to re-write PRR131 as a NYCA wide Reliability Rule (New I.6).

3.1.4 PRR131B, Modeling & Data (Dual fuel testing requirements LI)

See discussion under item 3.1.3.

3.1.5 PRR 132 I.4, Transmission Data (Clarification of Material error)

RRS reviewed straw proposal to modify Reliability Rule I.4. Transmission Data. The straw proposal addresses two directives from NYSRC EC: 1) to clearly and objectively identify non-compliant data error submission; and 2) to consider any other modifications the RRS deems necessary. The straw proposal adds multiple new requirements for Market Participants and the NYISO. On item 1) the straw proposal tried to identify non-compliant data error submissions. There was a disagreement toward the amount of detail presented in the straw proposal (i.e. give the NYISO the flexibility versus detailed description on what is to be considered data error written directly into the Reliability

Rules). On item 2) the straw proposal tried to provide additional clarity and regulatory ‘teeth’ toward the current NYISO Annual Databank process. A short discussion followed. There was also a short discussion toward the utilization of the word “accurate”, which will continue during the next RRS.

Mr. Clayton will update the straw proposal, with comments received, for the next RRS meeting (**Action Item 198-2**).

3.2. Discussion Items

3.2.1 NYSRC Procedure for NYCA Transmission Reviews

No comments from RRS. Mr. Adamson to finalize this item after PRR121 is in effect (**Action Item 198-3**).

3.3 Bucket List

Mr. Grant will revise the existing C.4 (Solar Magnetic Disturbance) Reliability Rule to be consistent with the new NERC Standards (**Action Item 198-4**). After a short discussion items 9, 12, and 13 were deleted from the Bucket List. The Status of Item 14 has been changed from 1 to 2 (due to the development of PRR 130).

4. NPCC Directories

Mr. Paszek stated that NPCC TFCP started a discussion toward revising NPCC A-10 Document *Classification of Bulk Power System Elements*.

5. NERC SARS/Organization Standards

5.1 NERC Standard Tracking

Mr. Paszek commented that line item “Phase 3 of the System Protection Coordination (TOP-012-2)” should state “Phase 2 of the System Protection Coordination (TOP-009-1)”

6. Additional Agenda Items

6.1 RRS 2015 Report on Accomplishments

The development of the RRS 2015 Report on Accomplishments is on-going and is due 3/3/2016 (see existing Action Item # 197-10).

6.2: National Grid’s Exception to the NYSRC Reliability Rules,

National Grid requested a removal of Exception #4 to the NYSRC Reliability Rules. The Exception #4 states: “*National Grid is fully responsible for monitoring all National Grid 345/115 kV, 345/230 kV, and 230/115 kV transformer overloads and contingency*”

overloads. The NYISO notifies National Grid of any overloads and contingency overloads it detects, but does not invoke these limits unless requested to do so by National Grid.” Exception #4 is applicable to NYSRC Reliability Rule C.1 and it was approved on October 25, 1979. National Grid stated that this exception is no longer valid due to upcoming NYISO – TO agreements related to the TOP registration (i.e. under NYISO Operational Control). The NYISO stated that it does not object to the removal of this exception. Mr. Clayton asked Mr. Shanahan to go forward and send an official request notification to the NYSRC Executive Committee.

6.3 REV

This item was tabled for the next RRS meeting (3/3/2016).

6.4 Exceptions to the NYSRC Reliability Rules.

Mr. Clayton stated that the prior proposal was to remove, from the Exceptions to Reliability Rules document, the column **NYSRC Reliability Rule** and footnote those exceptions that would be only applicable to C.1 *Establishing Operating Transfer Capabilities*. Mr. Pfleiderer suggested that we should leave the format as it is. Mr. Pfleiderer stated that if a TO wants to change the applicability of its Exception the other TOs should concur; the utilization of Exceptions in a Planning mode will take away operational margin.

Mr. Grant will identify which Exceptions should be utilized for planning of the Bulk Power System (BPS) (**Action Item 198-5**).

Mr. Hochberg raised an issue toward the NYISO’s definition of a Planning Study or an Operating Study. What is the time frame for these? Should the NYSRC RRS define time frame for Planning Study or an Operating Study?

Mr. Hochberg will review NERC Definitions of Planning and Operating Studies and will report back to RRS (**Action Item 198-6**).

7. Reports

7.1 NYSRC EC Meeting Report

There is nothing to report as it relates to RRS.

7.2 NYSRC ICS Meeting Report

The ICS is preparing assumptions toward 2017 IRM study.

Meeting ended at 12:25 PM.

Next Meeting #199

Thursday, March 3, 2016; 9:30 am @ NYSERDA, 17 Columbia Circle, Albany