

**Joint Meeting of the
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS) /
Reliability Compliance Monitoring Subcommittee (RCMS)
Thursday, February 2, 2017**

Minutes of RRS Meeting No. 210 – Conference Call

RRS Members and Alternates:

Roger Clayton, Electric Power Resources (Chairman)
Larry Hochberg, NYPA (Vice Chairman and Secretary)
Martin Paszek, Con Edison
Matilda Duli, Con Edison
Zoraini Rodriguez, PSEGLI/LIPA
Brian Shanahan, National Grid
Erin Doane, CHGE

Non-Voting Participants:

Al Adamson, Consultant
Jim Grant, NYISO
Ed Schrom, DPS

Guests:

Dan Head, Con Edison
Mark Capano, NYISO
Paul Gioia, NYSRC Counsel
Sal Spagnolo, NYPA
Keith Burrell, NYISO

RRS Meeting # 210 was called to order by Mr. Clayton at 9:30 am.

1. Introduction

1.1 Executive Session

None requested.

1.2 Requests for Additional Agenda Items

Mr. Paszek requested a discussion on the wording of Section F: *System Restoration* requirement R1.5.2. This request was added as an Additional Agenda Item 6.4.

2. Approval of Minutes / Action Items

2.1 Approval of RRS Minutes #209

RRS reviewed the Minutes from the last RRS meeting and they were accepted as final with no changes.

2.2 RRS 209 Status Report to EC

Mr. Clayton presented to the RRS a copy of the 'RRS #209 Status Report for EC #213' which he develops for the purpose of summarizing at the next NYSRC Executive Committee meeting what RRS has done at its prior meeting.

2.3 RRS 209 Action Items List

Action Item 209-6: This action item is on the agenda for today's meeting. The status is changed to 'Completed'.

Action Item 209-5: The status is changed to 'Completed'.

Action Item 209-4: The status is changed to 'Completed'. Mr. Adamson reported that the Policy 1 change was approved by the EC, but work on updating the flowchart has not yet been completed. Mr. Grant sent RRS the updated flowchart during the meeting and RRS agreed to the changes he made. Some concerns were raised about there not being a clear linkage between the written Policy 1 document and the Policy 1 Exception Process flow chart, especially in the way they are presented on the NYSRC website. Mr. Paszek suggested that perhaps the two documents could be merged into one. Messrs. Clayton and Adamson agreed to work on merging the two documents.

Action Item 210-1: Messrs. Clayton and Adamson to revise the Policy 1 document to incorporate the Exception Process Flowchart.

Action Item 209-3: Mr. Schrom reported that he is working on obtaining a contact. The due date is changed to March 2.

Action Item 209-2: Mr. Grant is monitoring for when the REV presentation will be made to the EC. The due date is changed to March 2.

Action Item 209-1: This action item is on the agenda for today's meeting. The status is changed to 'Completed'.

Action Items 208-2 and 208-3: There was nothing new reported. The status remains as 'Ongoing'.

Action Item 204-2: Mr. Paszek reported that the Con Edison blackstart testing specification had been issued to several participants and most had no issues with it. He noted that a couple of participants had some questions about the testing procedure and Con Edison is working on clarifications. The status remains as ‘Ongoing’.

Action Item 83-8: There was nothing new reported. The status remains as ‘Ongoing’.

3. NYSRC Reliability Rules Development

3.1 PRR List – Outstanding

Mr. Clayton briefly reviewed the current status of the three PRRs on the list and noted that a new one (PRR 136) was added to the list and was included with the material posted for this meeting.

3.2. PRRs for EC Final Approval after Posting

3.2.1 None

3.3. PRRs for EC Approval to Post for Comments

3.3.1 PRR 136, I.4 – Transmission Data

Mr. Adamson reviewed PRR 136 which he drafted at the request of RCMS to clarify that market participants are required to apply NYISO’s data screening guidelines to the data they supply to the NYISO. RRS agreed to change “Required data screening” to “Include data screening” in R.1.3 at the request of the NYISO. With that change, RRS agreed to send PRR 136 to the EC for approval to post for comments. Mr. Adamson will revise the PRR and send it to Mr. Raymond prior to the next EC meeting.

Action Item 210-2: Mr. Adamson to revise PRR 136 and send to Mr. Raymond for the next EC meeting.

3.4. PRRs for Discussion

3.4.1 D.2 (R1) Under-frequency Load Shedding

Mr. Paszek reviewed the memo he prepared to address his action item on this subject from the last meeting. The memo summarizes his questions and concerns as well as pertinent sections of the NYSRC, NPCC and NERC Reliability Rules, Directories and Standards. His main concern is regarding the third paragraph under section D.2 *Underfrequency Load Shedding*, Requirement R1 Load Shedding Allocation in the NYSRC RR&CM. This paragraph states “*If frequency is still declining below 58.5 Hz, all transmission systems shall take such steps as are necessary, including separating units to preserve generation, minimize damage and service interruption.*”

The concern is that it does not line up with the new NPCC and NERC underfrequency load shedding requirements that were put into place since the 2003 Blackout. He stated that these criteria require all units to stay on line down to at least 58 Hz bringing into question the threshold of 58.5 Hz in the NYSRC RR&CM. Mr. Clayton noted that this is a legacy statement specific to NY which was carried over from the old NYPP procedures and has no equivalent in NPCC or NERC.

RRS discussed several aspects of the rules as they relate to Mr. Paszek's concern as follows: It is not clear what the term "separating units" means. Does this mean tripping units or islanding them with load pockets? Mr. Clayton suggested that it would require a study to see if the threshold of 58.5 Hz is still valid. Mr. Schrom pointed out that PURPA units cannot be operated to that low of a frequency and there are still several of these PURPA units on the system. This causes a dilemma in choosing an appropriate threshold level because of the mixture of units on the system. Mr. Paszek also pointed out that Con Edison has more stages of automatic load shedding than is required by NPCC criteria and these additional stages operate below 58.5 Hz. Mr. Clayton added that NPCC allows tripping above the curve (Directory 12, paragraph 5.4.1) but this requires additional automatic load shedding as an offset. Mr. Hochberg observed that at 58.5 Hz, and with frequency continuing to drop, following the curve would leave very little time for operators to make a decision on taking action.

RRS debated whether to remove the third paragraph altogether or change the threshold so as to follow the NPCC curve. Mr. Paszek was requested to develop a PRR that would take the latter approach. Mr. Grant was requested to inform NYISO operating personnel about this RRS discussion and to obtain feedback from them. Mr. Hochberg also noted that the NYISO Emergency Operations Manual would need to be revised if changes to this rule are made.

Action Item 210-3: Mr. Paszek to draft a PRR to address the 58.5 Hz threshold in D.2, R1.

Action Item 210-4: Mr. Grant to obtain feedback from NYISO operating personnel on changing D.2, R1.

4. NPCC Directories

There were no new updates.

5. NERC SARS/Organization Standards

5.1 NERC Standard Tracking

Mr. Adamson reviewed the NERC Reliability Standard Development Tracking Summary that was included with the meeting materials.

6. Additional Agenda Items

6.1 REV Potential Impact on NYS BPS Reliability

There were no new updates.

6.2 2017 RRS/RCMS Secretarial Schedule

Mr. Clayton reviewed rev. 7 (1/26/17) of the RRS/RCMS secretarial schedule which was revised to accommodate Ms. Rodriguez request from the previous meeting. RRS approved the revised schedule. Mr. Clayton will verify with Mr. Gordon that he agrees with the changes.

6.3 Exceptions Review

Mr. Clayton addressed Action Item 209-6. He reviewed the document he prepared on the history of adding section B.1 Transmission Planning to the exceptions list. The history review showed that RRS had agreed to add B.1 to exceptions 5,6,10,11,12,13 and 23, but not to add it to exceptions 1,2 and 3. RRS agreed that these changes should have been made to the exceptions list. Mr. Adamson was requested to revise the exceptions list accordingly.

Action Item 210-5: Mr. Adamson to add B.1 to exceptions 5,6,10,11,12,13 and 23 on the exceptions list.

6.4 Discussion on requirement R1.5.2 in Section F, System Restoration

Mr. Paszek pointed out an error in Section F. Requirement R1.5.2. He stated that the text “or no longer in force majeure cases” should read “or longer in force majeure cases”. Mr. Adamson was requested to revise the rules manual accordingly.

Action Item 210-6: Mr. Adamson to revise section F requirement R1.5.2 of the rules manual.

7. Reports

7.1 NYSRC EC Meeting Report

There were no new updates.

7.2 NYSRC ICS Meeting Report

Mr. Adamson reported that ICS is developing a schedule for the 2018 IRM study.

Mr. Clayton informed RRS that he is working on the RRS accomplishments summary report that is provided to the EC each year.

AI 210-7: Mr. Clayton to prepare annual RRS accomplishments summary report for RRS review at the next meeting.

Mr. Clayton reminded RRS and RCMS to send a completed code of conduct form to either him or Mr. Raymond if they haven't already done so. He also will re-send the form to RRS and RCMS.

AI 210-8: Mr. Clayton to re-send the code of conduct form to RRS and RCMS.

AI 210-9: RRS and RCMS are to send completed code of conduct form to either Mr. Clayton or Mr. Raymond.

The meeting ended at 10:50 AM.

8. Next Meeting #211

Thursday, March 2, 2017; 9:30 am @ NYSERDA, 17 Columbia Circle, Albany