

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

Minutes of RRS Meeting No. 211

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
Abhilash Gari, NYPA

Non-Voting Participants:

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

Guests:

Dan Head, Con Edison
Mark Capano, NYISO
Sal Spagnolo, NYPA
Kevin DePugh, NYISO
Chris Sharp, NYISO Counsel

RRS Meeting # 211 was called to order by Mr. Clayton at 9:39 am.

1. Introduction

1.1 Executive Session

None requested.

1.2 Requests for Additional Agenda Items

None requested.

2. Approval of Minutes / Action Items

2.1 Approval of RRS Minutes #210

RRS reviewed the Minutes from the last RRS meeting and they were accepted as final with minor changes.

2.2 RRS 210 Status Report to EC

Mr. Clayton presented to the RRS a copy of the 'RRS #210 Status Report for EC #214' 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 210 Action Items List

Action Item 210-9: The status is changed to 'Completed'.

Action Item 210-8: The status is changed to 'Completed'.

Action Item 210-7: The status is changed to 'Completed'.

Action Item 210-6: The status is changed to 'Completed'.

Action Item 210-5: The status is changed to 'Completed'.

Action Item 210-4: This action item is on the agenda for today's meeting. The status is changed to 'Completed'.

Action Item 210-3: The status is changed to 'Completed'.

Action Item 210-2: The status is changed to 'Completed'.

Action Item 210-1: The status is changed to 'Completed'.

Action Item 209-3: The status is changed to 'Completed'.

Action Item 209-2: Mr. Grant reported that the REV presentation is scheduled to be made at the next EC meeting and the next RRS meeting. The status is changed to 'Completed'.

Action Item 208-3: Mr. Sharp reported that the NYISO will be presenting the PRR 133 implementation plan (revisions to the NYISO Tariff and NYISO System Restoration Manual) at the Restoration Working Group next week. He noted that the tariff language will be sent to FERC after it is approved by the stakeholders. The status remains as 'Ongoing'.

Action Item 208-2: Mr. Sharp reported that the PRR 131C implementation plan will be presented at a stakeholder meeting in March. The status remains as ‘Ongoing’.

Action Item 204-2: Mr. Paszek reported that this action item can be retired. The status is changed to ‘Completed’.

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 the EC approved PRR 136 for posting for comments. He also mentioned that PRR 137 developed by Mr. Paszek was added to the list. Mr. Paszek questioned whether PRR 128 is still needed in light of recent information from NPCC’s RCC that the time schedule regarding the revision of A-10 would be at least two years. Mr. Clayton felt that PRR 128 should remain as a placeholder, so it was agreed to keep it on the list.

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 None.

3.4. PRRs for Discussion

3.4.1 PRR 137 - D.2 (R1) Under-frequency Load Shedding

Mr. Paszek reviewed the history of PRR 137 which he prepared to address his action item from the previous meeting. He stated that the replacement language for the third paragraph in Requirement R1 Section D.2 Underfrequency Load Shedding would align it with the existing NPCC Directories. He said it was copied word-for-word from NPCC Directory 2, Appendix B Guideline for Emergency Operations paragraph 6.1. RRS offered several comments on PRR 137 as follows:

Mr. Hochberg asked Mr. Paszek why he hadn’t included the last sentence in the NPCC paragraph 6.1 in PRR 137. This sentence reads “*For time periods exceeding 300 seconds, manual load shedding may need to be implemented to correct the low frequency problem.*” Mr. Paszek responded that the second paragraph of D.2, R1 discusses manual load shedding and the NYSRC ten-minute requirement is more stringent than the NPCC five-minute guideline. Mr. Clayton said that the NPCC five minute guideline could be added to the second paragraph of D.2, R1.

Mr. Grant stated that the third paragraph should be removed from D.2, R1 as it doesn't belong under the subject of load shedding allocation. Mr. Grant said that this paragraph doesn't need to be in the NYSRC rules since the concept is already covered by NPCC. He added that nothing would be lost if it were taken out since the NYISO already has the capability to order manual shedding of generation. However, he suggested if it is to be kept it be moved to the Emergency Operations section of the rules manual, possibly under Requirement D.1 R7. Another suggestion was to change the title of D.2, R1 to include generation shedding.

Mr. Adamson expressed a general concern about measuring compliance with the rule as it is currently written. He said the rule should contain statements such as "the NYISO procedures shall include". Mr. Sharp asked whether it would be considered a rule violation if a TO does not follow the NYISO procedures. That led to a discussion about the need to add TO requirements to the rule.

There also were several comments about the wording "*steps may be taken*" regarding weakness in determining compliance and its ambiguity. "*Steps shall be taken if practical*" was suggested as alternative wording.

Mr. Adamson was requested to revise PRR 137 to incorporate the comments from these discussions.

Action Item 211-1: Mr. Adamson to revise PRR 137 to incorporate comments from RRS meeting #211.

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. He is awaiting a recommendation from NPCC regarding CIP-013-1 voting.

6. Additional Agenda Items

6.1 REV Potential Impact on NYS BPS Reliability

There were no new updates. Mr. Clayton will reach out to Mr. Marko Padula, the DPS representative, for an REV update.

6.2 2016 RRS Highlights Report

Mr. Clayton reviewed the draft 2016 RRS highlights report. RRS had no comments. Mr. Clayton will present the report to the EC next Friday.

7. Reports

7.1 NYSRC EC Meeting Report

There were no new updates.

7.2 NYSRC ICS Meeting Report

Mr. Adamson reported that ICS met yesterday and is in the process of developing assumptions and models for the 2018 IRM study. He also noted that NYISO staff is considering using economic optimization for the LCR's.

The meeting ended at 10:55 AM.

8. Next Meeting #212

Thursday, April 6, 2017; 9:30 am @ NYSERDA, 17 Columbia Circle, Albany