

**Joint Meeting of the
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS) /
Reliability Compliance Monitoring Subcommittee (RCMS)
Thursday, August 3, 2017**

Minutes of RRS Meeting No. 216

RRS Members and Alternates:

Roger Clayton, Electric Power Resources (Chairman)
Larry Hochberg, NYPA (Vice Chairman and Secretary)
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
Paul Gioia, NYSRC Counsel
Chris Sharp, NYISO Counsel
Mark Capano, NYISO
Wes Yeomans, NYISO-part time
Sal Spagnolo, NYPA
Mike Parisi, NYPA
Liana Hopkins, NYPA
Mohammed Hossain, NYPA
Frank Bertrand, PSEGLI/LIPA

RRS Meeting # 216 was called to order by Mr. Clayton at 9:30 AM.

1. Introduction

1.1 Executive Session

Mr. Hochberg made a presentation on NYPA's request to the EC to modify NYSRC Exception No. 12. The presentation was made in executive session due to CEII material. As per Policy 1, the EC at its meeting on July 14, 2017 referred NYPA's exception modification request to RRS for a review and recommendation. RRS had a full discussion

of the proposal with all questions being addressed. In addition, Mr. Wes Yeomans of the NYISO stated that the NYISO had reviewed and concurs with NYPA's proposed modification. RRS found no adverse reliability impact with the proposed exception modification and agreed to recommend to the EC that it be approved. There was one objection noted, from Con Edison, which will be included in a minority opinion given to the EC. Mr. Clayton requested Mr. Hochberg for a redacted version of the presentation that can be provided to the EC.

Action Item 216-1: Mr. Hochberg to send a redacted version of NYPA's Exception No. 12 modification request presentation to Mr. Clayton.

1.2 Requests for Additional Agenda Items

Mr. Clayton requested three additional agenda items: Item 6.2 on ETC declarations, 6.3 on NERC references in the RR&CM and 6.4 on the term radial load in the RR&CM.

2. Approval of Minutes / Action Items

2.1 Approval of RRS Minutes #215

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

2.2 RRS 215 Status Report to EC

Mr. Clayton presented to the RRS a copy of the 'RRS #215 Status Report for EC #219' which he developed for the purpose of summarizing at the next NYSRC Executive Committee meeting what RRS has done at its prior meeting. Notable items included the following: PRR 137 was approved by the EC for posting for comments; Con Edison black start testing lessons learned; NYC No. 4 oil proposal; ISO-NE NPCC Criteria memo.

2.3 RRS 215 Action Items List

Action Item 215-5: On agenda. The status is changed to 'Completed'.

Action Item 215-4: The status is changed to 'Completed'.

Action Item 215-3: The status is changed to 'Completed'.

Action Item 215-2: The status is changed to 'Completed'.

Action Item 215-1: Mr. Clayton reported that he spoke with Mr. Paszek and was told that Con Edison prefers not to make a redacted version of the presentation. Mr. Clayton said he would like just a general summary of the lessons learned which he can report to the EC.

He requested Ms. Duli if one could be prepared and sent to him or perhaps if Mr. Sasson could give a summary at the next EC meeting. The status is changed to ‘Completed’.

Action Item 216-2: Ms. Duli to look into providing Mr. Clayton with a general summary of blackstart testing lessons learned or ask Mr. Sasson if he could provide one at the next EC meeting.

Action Item 208-3: PRR 133 Implementation Plan (revision of system restoration plan and restoration training): Mr. Sharp reported that the revised Tariff language is expected to be filed with FERC next week. The status remains as ‘Ongoing’

Action Item 208-2: PRR 131C (dual fuel unit testing requirements): Mr. Sharp reported that the Tariff language changes will be soon be filed at FERC. 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

3.1.1 PRR List Outstanding

Mr. Clayton briefly reviewed the current status of the three PRRs 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 138 – G.3 (R1,R2) Loss of Long Island Gas Supply

Mr. Adamson reviewed PRR 138 which includes changes to reliability rule G.3 requirements R1 and R2 as a result of an RCMS compliance review. The main change is in R2 which adds a requirement for the NYISO to provide to the NYSRC upon request a summary of LIPA actions taken. Ms. Rodriguez said that it is not clear what is meant by “submit a summary of these LIPA actions”. Mr. Bertrand said that LIPA provides this information to the NYISO on a day-by-day basis when the actions are invoked. Mr. Grant said the NYISO could support the change to R2 if there is a companion requirement in R1

for LIPA to report the actions taken to the NYISO. As currently written there is only a requirement for LIPA to have a procedure to report the actions. He was concerned that this could potentially put the NYISO at risk for non-compliance if LIPA doesn't report the actions to the NYISO even though LIPA has the procedures to report in place. Mr. Clayton requested Ms. Rodriguez and Mr. Bertrand to provide suitable language to add to R1 and R2 about when and what information is provided to the NYISO on LIPA actions that are taken pursuant to this rule. LIPA also questioned the wording of M1 and Level 3 non-compliance. Mr. Clayton suggested that RRS should first agree on the wording of R1 and R2 and then take up modifying the wording for the levels of non-compliance. Mr. Clayton then suggested that the same changes also could be applicable to rule G.2 Loss of Gas Supply-New York City. RRS was assigned an action item to review G.2 and agree on the scope of any revisions at its next meeting.

Action Item 216-3: Ms. Rodriguez to provide suitable language to add to R1 about when and what information will be provided to the NYISO on actions taken pursuant to rule G.3.

Action Item 216-4: RRS to review rule G.2 for similar revisions as being made in PRR 138.

4. NPCC Directories

4.1 ISO-NE request to review need for NPCC regional criteria

Mr. Clayton said that he had again posted with the meeting materials the ISO-NE letter questioning the need for NPCC regional criteria and that NPCC had responded to ISO-NE that the request was under review.

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. Messrs. Grant and Shanahan reviewed some of the changes that were made to TPL-007 Geomagnetic Disturbance Mitigation. It was noted that a change in the reference level for GMD's could potentially require TO's to mitigate the potential impact to some transformers.

6. Additional Agenda Items

6.1 REV Potential Impact on NYS BPS Reliability

Mr. Clayton reported that he had nothing new on this topic except to say that Green Mountain Power in Vermont is actively providing financing and expertise for micro grid projects.

6.2 Discussion of Emergency Transfer Criteria (ETC) Declarations

In response to Action Item 215-5 from the last RRS meeting, Mr. Yeomans provided a status report on recent work that is underway at the NYISO to address the issue of ETC declarations. The frequency of ETC declarations is an ongoing issue RRS has been monitoring. Mr. Clayton reiterated that even though ETC declarations are permitted by the rules, they should not be relied upon on a normal and routine basis. Mr. Yeomans' status report primarily summarized two presentations that were sent to RRS yesterday by Mr. Grant, namely "Western NY Public Policy Transmission Report" made to the ESPWG/TPAS groups and "Securing 100+kV Transmission Facilities in the Market Model" made to the MIWG. These presentations are publicly available on the NYISO website.

Starting with the Western NY report, an area where ETC declarations have been fairly common, Mr. Yeomans described the public policy transmission planning process and how it differs from reliability and economic planning. He described how the PSC identified the Western NY Public Policy Transmission Need (WNY PPTN), the NYISO solicitation process, the narrowing down to ten projects that met the viable and sufficiency tests and the comparative evaluation that further narrowed down the proposals to four Tier 1 projects and six Tier 2 projects. After further input from stakeholders, the NYISO will recommend to the PSC a project that should satisfy the WNY PPTN. He said one of the many benefits of such a project would be to help minimize the use of ETC declarations in WNY.

Mr. Yeomans described the second report, Securing the 100+kV Transmission, which describes a project in which the NYISO is considering adding more lower voltage transmission to the market model. Today, the NYISO secures in the market model for all 230kV and above, 138kV in NYC and LI, and one 115kV line in NNY. The remaining 100kV+ transmission is monitored either by the NYISO or the local TO's. He pointed out that although there are not as many ETC declarations caused by 115kV constraints, and that manual action is taken when ETC is declared due to lower voltage constraints, market solutions to correct for these lower voltage transmission problems will likely not be forthcoming unless these facilities are included in the market model. Mr. Yeomans described many of the issues that will need to be addressed by the NYISO and stakeholders before this project can be implemented.

Mr. Yeomans offered to return at a later date to update RRS on the status of the ETC issue including progress on these projects.

6.3 NERC References in the RR&CM

Mr. Adamson reported that Messrs. Schrayshuen and Paszek noticed that some of the NERC references in the RR&CM were no longer correct. Mr. Clayton requested Mr.

Adamson to review the NERC and NPCC references in the RR&CM and recommend any corrections that may be needed.

Action Item 216-5: Mr. Adamson to review the RR&CM and recommend corrections to NERC and NPCC references.

6.4 Review of Term Radial Load in the RR&CM

Mr. Clayton pointed out that, at the last RRS meeting, the NYISO had explained the process by which certain radial elements are excluded from the NYSBPS list. He also noted that the term “radial” is used in the RR&CM in the first paragraph of the Introduction to Section B. Transmission Planning as well as in footnote ii. of Table B-1. He requested Mr. Adamson to review the usage of this term in the RR&CM to ensure that the manual is consistent with NPCC’s usage of the term.

Action Item 216-6: Mr. Adamson to review the usage of the term “radial” in the RR&CM for consistency with NPCC’s usage of the term.

7. Reports

7.1 NYSRC EC Meeting Reports

There were no additional RRS items to report. Mr. Clayton reviewed the EC comments regarding the NYC Council’s No. 4 oil usage proposal and noted that the NYSRC will not be taking a position for or against it.

7.2 NYSRC ICS Meeting Report

Mr. Adamson reported that the ICS met yesterday and is working on a section of the report that compares the impact of updated models and assumptions on the IRM results with those of the previous year. RCMS also is preparing a list of sensitivities to be included in next year’s report. These will be reviewed at the next EC meeting.

The meeting ended at 12:03PM.

8. Next Meeting #217

Thursday, August 31, 2017; 9:30 AM @ NYSERDA, 17 Columbia Circle, Albany