

***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 at the NYSERDA Offices
17 Columbia Circle, Albany, NY
Thursday, January 5, 2012
Final Minutes of RRS Meeting # 149***

In Attendance:

Alan Adamson	Consultant	Member
Roger Clayton	Electric Power Resources	Member, Chairman
Roy Pfleiderer	National Grid	Member, Acting RRS Secretary
Larry Hochberg	NYPA	Member
Jim Grant	NYISO	Member
Paul Kiernan	NYISO	Member
Ed Schrom	NYSDPS	Member
Henry Wysocki	Con Edison	Member
Dan Head	Con Edison	Member
Mayer Sasson	Con Edison	EC Member - Phone In
Patrick Hession	National Grid for LIPA	Member
Zoraini Rodriguez	National Grid for LIPA	Member
Jeff May	Central Hudson	Member
Brian Gordon	NYSEG	Member-Phone In
Wes Yeomans	NYISO	Guest
Ken Haase	Consultant for TDI	Guest-Phone In
Paul Gioia	Dewey &LeBoeuf	Guest

Agenda Items

1.0 Introduction

RRS Meeting #149 was called to order by Mr. Roger Clayton at 9:30 AM.

1.1. Executive Session

No Executive Session was requested.

1.2. Requests for Additional Agenda Items

4.5 RRS/RCMS Secretarial Schedule.

2.0 Meeting Minutes/Action Items

RRS expressed it's appreciation to Mr. Larry Hochberg for his service as secretary in 2011. Mr. Pfeleiderer agreed to assume RRS secretarial responsibilities for meeting #149.

2.1 Approval of RRS Meeting Minutes #148

The meeting minutes were approved with changes as final. Mr. Hochberg will revise and issue the final minutes.

2.2 Action Items List

AI 144-3: Ongoing.

Mr. Hochberg reported that since the last RRS meeting the NYISO has taken more actions to control high voltage at Coopers Corners. He reported that on eleven occasions the Marcy STATCOM was set to absorb 200 MVAR reactive and supplementing the STATCOM actions on four occasions a Blenheim-Gilboa unit was used to absorb 100 MVARs to control high voltage. He also reported that on four occasions the NYISO has utilized the LTCs on the Marcy 765/345 kV autotransformer banks in efforts to control high voltage and these efforts were not effective. Mr. Hochberg said that even though moving the LTCs on these transformers is a permissible NYISO action, he expressed concern about it due to the age of these transformers and the very infrequent use of these taps as well as their being relatively ineffective for controlling high voltage at Coopers Corners.

Mr. Yeomans reported that Central Hudson, NYSEG, NYPA and the NYISO have recently met to outline a study for the control of high voltage on portions of the overhead system. He also reported that the NYISO Transmission Planning staff has very recently received a request for an SIS study from NYPA for the addition of reactors at Coopers Corners. Mr. Schrom suggested that all TOs should get involved with this effort once preliminary study results become available.

AI 146-3:Ongoing.Mr. Jim Grant agreed to check with Zach Smith on this item.

AI 146 -4:Ongoing.Mr. Jim Grant agreed to check with Zach Smith on this item.

AI 147-2:Ongoing. The due date on this item was changed to February 2, 2012.

AI 148-1: Completed

AI 148-2: Completed

AI 148-3: Completed

AI 148-4: Completed

AI 148-5: Completed

AI 148-6: The status on this item was changed to “ongoing”.

AI 148-7: Completed

AI 148-8: The due date on this item was changed to February 2, 2012.

3.0 NYSRC Reliability Rules Development

3.1. List of Potential Reliability Rules Changes

3.1.1PRR 109 (Revision date 12/23/11)

Mr. Adamson reported that the latest revisions of PRR 109 were discussed with ICS at their meeting on January 4, 2012. Mr. Clayton will report the status of PRR 109 at the next EC meeting.

3.1.2 PRR 110:

Mr. Yeomans indicated the NYISO did not agree with Con-Ed's rationale for the need of rule modifications as indicated in PRR110. Mr. Yeomans indicated that the NYISO did not agree with Con-Ed assertion that there was an inconsistency between the introduction to the NYSRC Transmission Capability-Planning section and subsection B-R1 b.1 of the rules itself. Mr. Yeomans indicated that the Transmission Planning Section introduction refers to HVDC adjustments in the context of N-1-1 post-contingency actions whereas section B-R1.1.b refers to rule exceptions for design contingencies (N-1) for normal transfer criteria.

Further discussion also focused on NYPA's recommended inclusion of a phrase in B-R1 b.1 that would require the cable owner's consent for the application of this rule exception.

Mr. Clayton expressed concern with NYPA's proposed revision in light of FERC's Open Access provisions. At the last RRS meeting, Mr. Clayton took an action item (AI 148-3) to have NYSRC counsel review NYPA's modification to address his concern. Mr. Clayton informed RRS that he had received an email dated January 3, 2012 from Mr. Gioia in response to his request. Mr. Clayton read Mr. Gioia's response to RRS. In the email Mr. Gioia suggested that this issue involved both legal and engineering considerations. He indicated that the cable owner may have an interest in not operating the facility to STE ratings if that may damage the cable or cause other problems and the Cable owner may be the best entity to determine the consequences of operating at STE ratings. Mr. Clayton took an action item to send out Mr. Gioia's response to RRS. Mr. Yeomans indicated that the NYISO operates and plans to applicable NPCC, NERC and NYSRC standards and did not feel that the addition of NYPA's suggested phrase would introduce problems with the Open Access Tariff. Mr. Clayton then suggested that the Transmission Owner could simply lower the cable facility STE rating to the LTE rating to avoid the problem. Mr. Hochberg responded that transmission facility ratings are developed using strict and consistent technical criteria under the NERC rules and cannot be arbitrarily changed by a Transmission Owner. Mr. Hochberg added that the NYISO still has the ability to utilize the STE rating after declaring an emergency, which is a very rare occurrence. However, under the proposed Con Ed rule, the cable would be "exposed" to STE on a 24/7 basis.

Con-Ed's proposed addition of utilizing HVDC controls into B-R1 b.1 for mitigation of post-contingency STE cable flow was also discussed. Mr. Schrom warned that the cable owners will be held accountable for facility damages as a result of the improper HVDC control action post-contingency. Mr. Yeomans indicated that the NYISO feels that the use of HVDC controls in this manner could be complicated in cases in which different Balancing Authorities are involved. He indicated that the NYISO therefore felt that the use of HVDC in this manner should be dealt with more on a case by case basis. Mr. Gordon asked why 10 minute reserve could not be used in the "loss of transmission" part of this rule and Mr. Sasson explained that it would take too much time because it would require two sets of generation re-dispatches.

Mr. Sasson acknowledged that inclusion of HVDC control into Rule B -R1 and E-R1 appeared to be much more involved than originally envisioned. He therefore proposed that Con-Ed would withdraw PRR 110. RRS generally agreed with Con-Ed's assessment and agreed to accept Con-Ed's withdrawal of PRR 110.

AI 149-1: Mr. Clayton to send out Mr. Gioia's response to NYPA's modification of PRR 110 to RRS.

3.2. NPCC Rules Revisions updates

Mr. Adamson reported that there were no NPCC rules revisions updates to report on.

3.3. NERC SARs/Organization Standards

NERC Standard Tracking

1. Mr. Adamson reported that the NERC BOT adopted TPL-001-2 on 8/4/11 and is awaiting FERC approval. NPCC is currently revising Directory 1 to reflect TPL-001-2. RRS will monitor this effort before considering revisions to Reliability Rules B-R1 through B-R4.

AI 149-2: Jim Grant will inquire at the NYISO as to the NPCC status of Directory #1 modifications.

2. Mr. Adamson reported the BPS definition received ballot approval. The definition will be presented to the BOT for adoption prior to being forwarded to FERC.

3. Mr. Clayton reported that the BES Phase 2 (Project 2010-17) comment period is now open. This comment period is between January 4, 2012 through February 3, 2012. He indicated that this announcement will be discussed at the next EC meeting.

4.0 Additional Agenda Items

4.1. BES/BPS Definition-Impact on NYSRC Reliability Rules

Mr. Clayton said that RRS will have to work on updating its rules in 2012 now that the BES definition has been approved by the ballot body.

4.2 Interface Limits in NYISO Studies

Mr. Clayton reported that the NYISO will make presentations on trends in interface limits and the TEI manual revisions at the next RRS meeting.

4.3 Glossary revision of “contingency” definition

In response to a request from Mr. Dahl, to modify the glossary definition of “contingency” Mr. Clayton indicated two options may be available. He indicated that one option may be to modify rule B-R4 itself to reflect the loss of fuel contingency. Another option he indicated was to modify the description of Extreme Contingency “i” itself on Table B.

He proposed that Contingency “i” could be modified to now read as “Sudden loss of multiple plants due to a fuel system events.” There was general RRS agreement to pursue this approach.

AI 149-3: Mr. Clayton agreed to review this proposed definition change with the E.C. for the next RRS meeting.

4.4 The Con Edison Winter Season Oil Burn Study.

Mr. Wysocki reported Con Edison's Winter Season Oil Burn Study Results. He reported the overall conclusion of the study is that at System Load levels above 8,000 MW no generators are required to be on Minimum Oil Burn (MOB) if either Ravenswood 1 or Ravenswood 2 is on line. Should neither be on line then an Astoria steam unit (Either Astoria 3 or 5) must be on MOB. Mr. Wysocki also emphasized that Con Ed would not SRE any generator in order to avoid placing a unit on MOB.

4.5 New Environmental Protection Agency (EPA) Emission Rules

Mr. Clayton indicated that new EPA emission rules known as the Cross State Pollution Rules that would have limited Sulfur and Nitrogen emissions were due to take effect January 1, 2012. He reported that on December 30, 2011 a three Judge panel of the US Court of Appeals for the District of Columbia issued a stay of these new regulations ceding to challenges filed by various parties.

4.6 RRS/RCMS Secretarial Schedule

Mr. Clayton reviewed a letter dated December 23, 2011 to Mr. Mager of the Executive Committee in which he proposed RRS and RCMS secretarial schedules for the next few years.

Mr. Hochberg, in addition, presented to RRS an analysis of the number of times company representatives have fulfilled the role of RRS and RCMS secretary over the past few years. Mr. Hochberg reported that these responsibilities have been fairly evenly shared by the Transmission Owners over this period. The results of his analysis were used to adjust Mr. Clayton's proposed secretarial schedules as follows:

RRS: CH(2012), NGRID/LIPA(2013), NGRID/NIMO(2014), NYSEG(2015), CONED(2016), NYPA(2017)

RCMS: NYSEG(2012), NGRID/NIMO(2013), NYPA(2014), NGRID/LIPA(2015), CH(2016), CONED(2017)

RRS also agreed that the number of hours to draft/finalize minutes should be increased to 5 hours.

Mr. Clayton, in addition, reported that Central Hudson did not agree to participate with the RRS /RCMS secretarial responsibilities going forward. He indicated that he will bring this issue back to the EC at their next meeting.

5.0 Committee Reports

5.1. NYSRC EC Meeting Report

All EC items were covered during the RRS and RCMS meetings and there were no additional RRS items to report on.

5.2. NYSRC Installed Capacity Subcommittee (ICS) Meeting Report

Mr. Adamson reported that the final IRM report, including a base case IRM result of 16.1%, went to the EC for approval on Friday, December 2. Mr. Adamson reported the EC voted and adopted a final IRM of 16.0 %.

6.0 Next RRS/RCMS Meeting

RRS meeting #149 was adjourned at 11:50 AM

The next RRS/RCMS joint meeting is scheduled for Thursday, February 2, 2012 at 9:30 AM in the NYSERDA offices located at 17 Columbia Circle, Albany, NY.