

***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, November 3, 2011***

Final Minutes of RRS Meeting # 147

In Attendance:

Alan Adamson	Consultant	Member
Larry Hochberg	NYPA (RRS Secretary)	Member
Roger Clayton	Electric Power Resources (Chairman)	Member
Roy Pfleiderer	National Grid	Member
Jim Grant	NYISO	Member
Ed Schrom	NYSDPS	Member
Henry Wysocki	Con Edison	Member
Mayer Sasson	Con Edison	Guest-Phone In
Martin Paszek	Con Edison	Guest-Phone In
Zoraini Rodriguez	National Grid for LIPA	Member-Phone In
Paul Gioia	Dewey & LeBoeuf	Guest
John Adams	NYISO	Member

Paul Kiernan	NYISO	Member
Carl Patka	NYISO	Guest
Chris LaRoe	IPPNY	Guest
Jim D’Andrea	Trans Canada-Ravenswood	Guest
Dean Ellis	Dynegy	Member
Paul Savage	Con Edison	Guest
Jim Orosz	Con Edison	Guest

Agenda Items

1.0 Introduction

RRS Meeting #147 was called to order by Mr. Roger Clayton at 9:31 AM. The RRS meeting was halted at 10:13 AM for an RCMS discussion on measurements G-M2 and G-M3 and resumed at 12:25 PM.

Declarations of Conflict of Interest: Mr. Clayton noted that he is not currently providing consulting services related to the Athens project, but has been retained by West Point Partners to provide consulting services on a proposed 2 X 1000MW HVdc project with transmission from upstate into the Buchanan station and would recuse himself in the event of a potential conflict of interest.

1.1. Executive Session

No Executive Session was requested.

1.2. Requests for Additional Agenda Items

- 4.5 Report on NYSRC/NYSDEC Meeting
- 4.6 Glossary Revision
- 4.7 Roster Update
- 4.8 RRS Secretary for 2012
- 4.9 ATRA Discussion

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Meeting Minutes #146

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

2.2 Action Items List

AI 87-5: Ongoing. Mr. Pfleiderer reported that RPWG is discussing the need for reactive reserve criteria.

AI 142-2: Ongoing. Mr. Wysocki reported that there have not been any recent LOG/MOB events.

AI 143-1: Ongoing. Mr. Gioia is reconsidering whether or not he agrees with RRS' recommendation to eliminate Policy 6.

AI 144-1: Completed. Mr. Adamson reported that the 2012 meeting schedule has been posted.

AI 144-3: Ongoing. NYPA introduced this issue to the NYISO SOAS and OC in the spring of 2011. The OC has it as an action item and assigned the SOAS to monitor conditions during the fall of 2011. Mr. Hochberg reported at the last RRS meeting that since the beginning of fall 2011, the Marcy-Coopers Corners 345kV line was scheduled to be kept out-of-service by the NYISO due to high system voltage conditions. This occurred on the weekends of 9/23/11 to 9/26/11 and 9/30/11 to 10/3/11. Mr. Hochberg also reported at the last RRS meeting that he was informed that the NYISO will be preparing a report for SOAS on these recurring outages following the fall season. The report will review all of the year's events and make recommendations on potential solutions. Mr. Hochberg reported that since the last RRS meeting there have not been further instances of opening the UCC2-41 for high voltage, however, the NYISO did place the Marcy STATCOM in manual mode-constant reactive absorption of 150 to 200 MVAR six times to control high pre-contingency voltage at Coopers Corners 345kV station. Mr. Hochberg noted that system stability transfer limits can be impacted when the STATCOM is taken off automatic voltage control and that the NYISO has limits in place to handle such conditions.

AI 146-1: Completed.

AI 146-2: Completed.

AI 146-3: Ongoing. Mr. Adams reported that work is still in progress on the TEI manual and it may be ready for TPAS review by year's end.

AI 146-4: Mr. Adams will check into the status of this item (NYISO practice of evaluating transfer limit degradation in SIS studies for TO projects). The due date was changed to "ongoing".

AI 146-5: Completed. Agenda item 4.9 for this meeting.

3.0 NYSRC Reliability Rules Development

3.1. List of Potential Reliability Rules Changes

3.1.1 PRR 107: Mr. Clayton reported that comments were due 10/28/11 and no comments were received. RRS voted in favor of a recommendation to send PRR 107 to the EC for final approval.

3.1.2 PRR 108: Mr. Clayton reported that comments were due 10/28/11 and no comments were received. Mr. Pfleiderer questioned whether the rule change was really needed since the rule refers to two loading levels in the “a” and “b” sections. Mr. Clayton pointed out that the current rule does not provide the desired flexibility the NYISO and TO’s are looking for since Table V requires an emergency declaration as soon as loading is above LTE. RRS voted in favor of a recommendation to send PRR 108 to the EC for final approval.

3.1.3 PRR 109: Mr. Adamson handed out a revised version of PRR 109 (new C-M14 and C-M15) that had been approved by ICS yesterday to send to RRS for review. He stated that it was a mirror image of C-M4 and is needed for providing performance data for demand side resources associated with special case resources. The PRR will be discussed at the next RRS meeting. Mr. Adamson was asked to add the compliance elements to the PRR for review at the next RCMS meeting.

AI 147-1: Mr. Adamson agreed, as an Action Item, to add the compliance elements to PRR 109.

3.1.4 PRR 110: RRS reviewed the wording of the implementation plan that was added by Mr. Adamson since the last RRS meeting. RRS agreed to change “__ months” to “120 days”. Also, a PRR revision date was added. Mr. Clayton suggested that there is another type of controllable device, i.e. the Linden VFT, that could be added to the PRR. After some discussion, RRS agreed that the VFT should not be added since it is not under direct control of the NYISO. RRS voted in favor of a recommendation to send PRR 110 to the EC to be posted for comments.

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

Mr. Adamson reported that there will be a recirculation ballot on the BES definition and NYSRC will enter a “yes” vote.

4.0 Additional Agenda Items

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

Mr. Adamson reported that the updated BES definition passed with 71.68% of the vote (2/3 is the minimum required to pass) and the technical criteria for exceptions failed with a 64% vote.

4.2 Interface Limits in NYISO Studies

Mr. Clayton reviewed the discussions that have taken place at RRS and the EC thus far. He reiterated that interface limits are a consequence of applying the reliability criteria and that the Minimum Interconnect Standard (MIS) permits a re-dispatch if the criteria cannot be met under base conditions. Mr. Clayton reported that he had discussions with Messrs. Smith, Corey and Adams on a related LIPA issue that came up at last month's TPAS meeting regarding a proposed new generator interconnection that could adversely impact a NYISO/ISO-NE interface. According to Mr. Clayton, LIPA raised this issue at TPAS and is opposed to any adverse impact to the NYISO/ISO-NE thermal transfer capability from this generator interconnection. Mr. Adams stated that TPAS does not have an outstanding AI on this issue and the NYISO has no plans to change the MIS process. Furthermore, he stated that the NYISO position is that a new rule is not needed for impacts to internal or external interfaces. Mr. Ellis pointed out that even though a deliverability study most likely would be needed for this project, the affected tie does not have to be fully loaded for a deliverability study and therefore any adverse impact on thermal transfer capability would probably not show up in such a study. Mr. Clayton added that although there is no immediate reliability issue now, both internal and external interface limits need to be considered as a result of this issue. He added that RRS needs to see how this issue will be handled in the TEI manual in addition to how TO projects are evaluated and possibly required to minimize impacts to interface limits due to the requirement to apply GUP in SIS studies. Mr. Clayton also reported that Mr. Hipius suggested at the last EC meeting that a potential rule should require the NYISO to state the impact of a proposed facility on interface limits without prescribing implementation of hard limits. Also, the NYISO could be asked to report on trends in interface limits. Accordingly, Mr. Clayton requested Mr. Adams for a NYISO presentation on trends in interface limits spanning a five-year period.

AI 147-2: Mr. Adams agreed, as an Action Item, to have the NYISO make a presentation to RRS on trends in interface limits spanning a five-year period.

4.3 LOG/MOB update

There was nothing new to report.

4.4 Policy 6 update

Mr. Adamson reported that at the last EC meeting Mr. Gioia requested additional time to reconsider RRS' recommendation to eliminate Policy 6.

4.5 Report on NYSRC/NYSDEC Meeting

Mr. Clayton reported that the NYSRC/NYSDEC group conducted several conference calls and one meeting on 10/13/11. The main topic of discussions was the federal EPA cross-state air pollution rule, primarily the proposed short (or low) allocations for NY that apparently were a result of flawed data and modeling. He said that the EPA agreed with the changes suggested by the NYSDEC and as a result NY would be in compliance with NO_x and SO₂ requirements in the

2012-2014 timeframe. The next meeting of the NYSRC/NYSDEC group is scheduled for 11/30/11.

4.6 Glossary Revision

Mr. Clayton reported that he received an email from Mr. Dahl that suggested revising the Glossary definition of “contingency” because the current definition includes only electrical elements, however, Table B for extreme contingencies includes “Sudden loss of fuel delivery system to multiple plants (i.e. gas pipeline contingencies)”. RRS agreed to modify the definition as follows: change “or other electrical element” to “or other electrical or gas elements”. Mr. Adamson was requested to update the definition at the next revision of the rules manual. Mr. Clayton noted that the definition revision does not require EC approval but he will report on RRS’ suggested definition change at the next EC meeting.

AI 147-3: Mr. Adamson will revise the definition of “contingency” as per RRS discussions when the rules manual is next updated.

4.7 Roster Update

Mr. Clayton reported that there are two new members of RCMS, Mr. Farella and Ms. Rodriguez and he will update the roster accordingly.

AI 147-4: Mr. Clayton agreed, as an Action Item, to update the RCMS roster.

4.8 RRS Secretary for 2012

Mr. Clayton will identify an RRS secretary for 2012 who will replace Mr. Hochberg beginning with the January 5, 2012 RRS meeting.

4.9 ATRA Discussion

Mr. Pfleiderer reported that all large NYS generator units are listed in the ATRA as BPS facilities and many, but not all, of the associated GSU’s are listed as BPS as well. Mr. Ellis noted that there were two lists, the one Mr. Pfleiderer referred to that is entitled Appendix B and another that is entitled Appendix P. The Appendix P list only includes NPCC A-10 BPS facilities and Appendix B includes all NYSBPS facilities. This completes AI 146-5.

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 ICS met yesterday and settled on final base case IRM recommendation of 16.1%. That is a change of +0.6% from last year's base case recommendation of 15.5%. Mr. Adamson noted that the increased IRM was primarily due to 340MW of wind generating capacity that was added to the study case. ICS will send a draft report to the EC for next week's meeting. Mr. Adamson also reported that ICS agreed to provide a draft of PRR 109 to RRS for review.

6.0 Next RRS/RCMS Meeting

RRS meeting #147 was adjourned at 1:30 PM.

The next RRS/RCMS joint meeting is scheduled for Tuesday November 29, 2011 at 9:30 AM in the NYSERDA offices located at 17 Columbia Circle, Albany, NY.