

***Meeting of the
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS)***

***Final Minutes of Meeting #97
RRS Meeting @ NYSERDA Offices
17 Columbia Circle, Albany, NY***

Thursday, June 28, 2007

Attendance

Roger Clayton	Electric Power Resources (Chair)	Member
Al Adamson	Consultant	Member
Roy Pfleiderer	National Grid	Member
Larry Hochberg	NYPA	Member
Jack Alvarez	Con Ed	Member
Ed Schrom	DPS	Member
Ted Pappas	LIPA	Member
Jon Appelbaum	LIPA	Member
Jeff Crandall	NYSEG	Member
Greg Campoli	NYISO	Guest
Thais Triehey	Couch White	Guest
Erin Hogan	NYSERDA	Guest
Alice Jackson	Occidental Energy Ventures Corp.	Guest
Mike Caufield	ALCOA	Guest
Robert Pike	NYISO	Guest

Agenda Item

1.0 Introduction

The meeting was called to order at 0930.

1.1 Executive Session

No Executive Session was requested.

1.2 Requests for Additional Agenda Items

There were several requests for additional agenda items. These items are reported in Section 4.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Minutes #96

The draft minutes of RRS Meeting #96 were approved as final with minor changes.

2.2 Action Items List

The following Action Items were reviewed,

AI 39-10 Send any new draft SARs or OSs to RRS for its consideration (Adamson)
This item is ongoing.

AI 43-1 Monitor progress of NYISO investigation of governor response (PRR 52).
(Waldele)
This item is ongoing.

AI 43-9 Monitor the potential need to revise definition of NYS Bulk Power System.
(Waldele)
This item is ongoing.

AI 52-1, Based on results of post 8/14 studies determine if new/revised rules are required regarding definition of areas and tripping times on UFLS relays. (PRR52)(Waldele)
This item is ongoing.

AI 80-2 Monitor the removal of Gas Burn “Applications” in I-R3 on PRR79 implemented
(Adamson)
This item is completed.

AI 83-8 Review RFC and ISO-NE Criteria, Rules and Standards (RRS)
This item is ongoing.

AI 84-1 Complete PRR 84 following NPCC approval of A-3.
This item is ongoing.

AI 87-5 RRS to monitor Reactive Power WG discussions on NERC Rules regarding Generation reactive capability. (RRS) This item is ongoing.

AI 88-5 RRS to monitor Wind Generator Structural Performance for PRR application. (RRS) This item is ongoing.

AI 91-4 Mr. Waldele to monitor NERC standards MOD-024,MOD-025,VAR-001 & VAR-002 and the NPCC implementation of them with the objective to examine the need to change the NYSRC rules; these standards will be discussed at the NYISO RPWG.
(Waldele)
This item is ongoing.

-AI 93-2 Ted Pappas will review System Restoration Criteria (A-12) for potential rule changes (Pappas)
This item is ongoing.

AI 94-3 John Adams report on the NYISO's position on issues brought forth in NYPA's presentation on Loss of Generator Gas Supply. (Adams)

Roger Clayton will ask John Adams the status of this item. (AI 96-1)

The RRS again considered the importance of this issue and agreed to ask the EC to add this topic to their next meeting agenda.

Larry Hochberg will ask Mr. Scott Brown to make his presentation at the next EC meeting (AI 97-1) and Roger Clayton will contact Mr. Don Raymond to add this to the next EC meeting agenda (AI 97-2). This item is ongoing.

AI 94-7 Ted Pappas to propose changes to NYSRC Rules to help clarify "(N-1)-1" issue (Pappas).

This item is ongoing

AI 94-10 RRS to consider criteria for granting exceptions to Reliability Rules

This item is ongoing

AI 95-5 Al Adamson to update the present Reliability Rule Exceptions list using as a template the list presently found in the T&D Operations manual Appendix B-2.

(Adamson)

This item is completed.

AI 96-1 Roger Clayton to ask John Adams the status of action item 94-3 (Clayton)

This item is completed.

AI 96-2 Roger Clayton to bring to E.C. proposed rule change PRR93 noting the suggested addition of B-5 in the Cross Reference Table (Clayton)

This item is completed.

AI 96-3 Roger Clayton to report to E.C. on RRS findings to Couch & White NYRI memo (Clayton)

This item is completed.

AI 96-4 Roger Clayton to propose to E.C. the blending of T&D list with NYSRC List (Clayton)

This item is completed.

AI 96-5 Al Adamson to provide additional information regarding need for membership on NPCC CBRE. (Adamson)

This item is completed.

AI 96-6 Al Adamson to provide a re-draft of the revision to Policy No. 1-3. (Adamson)

This item is completed.

AI 96-7 Al Adamson to provide comments on NYISO draft TB159 by June 1, 2007.

(Adamson)

This item is completed.

The following action items resulted from these meeting discussions:

AI 97-1 Larry Hochberg will ask Mr. Scott Brown to make his presentation at the next EC meeting.

AI 97-2 Roger Clayton will contact Mr. Don Raymond to add Mr. Scott Brown's presentation to the next EC meeting agenda.

AI 97-3 Al Adamson to revise Policy 1-4 for further discussion. (Adamson)

AI 97-4 RRS to review the last Policy 1-4 revision and provide comments to Al Adamson by July 6, 2007. (RRS)

AI 97-5 RRS to review the modified Reliability Rule Exceptions List (RSS)

AI 97-6 Roger Clayton to indicate to Mr. Gioia that the RRS agrees with the present wording of TB 159 (Clayton)

AI 97-7 Mr. Robert Pike to send to RRS a copy of the Texas PUC report on controllable load as resource reserves (Pike)

AI 97-8 Mr. Robert Pike to present to RRS further discussion of the implementation of the controllable load market. (Pike)

AI 97-9 Roger Clayton to bring to the EC the issue of controllable load as resource reserve market. (Clayton)

AI 97-10 RRS member to review the proposed PRR by Mr. Pike and provide comments by July 13,2007

AI 97-11 Al Adamson to contact NPCC regarding the NERC data request. (Adamson)

AI 97-12 Bob Waldele to further discuss at the next RRS meeting the NERC data request

AI 97-13 Mr. Alvarez and Mr. Waldele to present a discussion at the next RRS meeting for the possible need of a PRR for I-R4

AI 97-14 Al Adamson to assemble a list of examples of "administrative" changes to Rule manual for Roger to discuss at the next EC meeting.

3.0 NYSRC RR Development

3.1 List of Potential RR Changes

RRS reviewed the list of potential rule changes.

PRR 8 - Reactive Load and Resource PF Requirements at BPS/LSE Boundaries (Waldele)

There is nothing new to report on this item.

PRR 52 - Generator Governor Response (Waldele)

There is nothing new to report on this item.

PRR 84 - Revision to F-R8 Operations during major emergency (Pappas)

There is nothing new to report on this item.

PRR 88 I-R3 : Loss of Generator Gas Supply (New York City & Long Island) – Clarification of loss of generator gas supply (Pappas)

The RRS agreed to send this PRR to the EC for final approval.

PRR 91 B-R4 Extreme Contingency Assessment (Pappas)

The RRS agreed to send this PRR to the EC for final approval.

PRR 92 G-M1: Procedures for implementing a NYCA SRP

The RRS agreed to send this PRR to the EC for final approval

PRR 93 D-R3: Availability and Category of Operating Reserves & I-R2: Locational Reserves (New York City)

PRR is being revised and enhanced for presentation at August RRS meeting..

PRR 94 Review of Exceptions to the NYSRC Reliability Rules

The RRS review this proposed PRR presented by Al Adamson and agreed to send to the RCMS.

3.1 (Continued)

NYSRC Policy 1-4 revision - Exception Criteria

The RRS conducted a review of the latest revision to this policy presented by Al Adamson. Key features of the draft criteria presently include:

A. Documentation :

The Requester shall meet NYISO documentation requirements, including the following:

1. An assessment of the economic impacts and/or reliability needs that are addressed shall be provided if the exception is to be granted by the NYSRC.
2. A technical assessment demonstrating that there will be no adverse impact on reliability as the result of granting the exception by the NYSRC.

B. Annual NYISO Review of Exceptions :

The list of exceptions to the NYSRC Reliability Rules shall be reviewed annually by the NYISO annually. This review shall verify that the basis for each exception is still valid using the NYISO stakeholder process. The NYISO shall notify the NYSRC when it has determined that an exception is no longer applicable and document the reasons why. If the NYSRC agrees with this NYISO conclusion, the NYISO and NYSRC will revise their lists of exceptions accordingly.

Items raised during these discussions will be incorporated by Al Adamson into the next revision for review at the next Executive Committee meeting(AI 97-3). The RRS was asked to further consider the latest modifications and provide follow-up comments before July 6, 2007. **(AI 97-4)**

Review of Rule Exception lists

Al Adamson presented a modified Reliability Rule Exception List which blended features found in the NYSRC Rules as well as those published in the NYISO T&D manual. The RRS was asked to review this list and provide any comments before the next meeting. **(AI 97- 5)**

Review of NYISO TB159

The RRS considered an issue that surfaced at the last EC meeting regarding the managing of the Applications List contained within Draft Technical Bulletin 159. The list of “Applications” includes the applications associated with the local reliability rules.

Roger Clayton reported that at the last EC meeting Mr. Paul Gioia proposed that future modifications to the Application List should require approval through the NYISO committee process. This draft bulletin presently indicates that the NYISO staff shall review and approve any modified or newly proposed Applications to the Reliability Rules. Mr. Campoli reported that this draft bulletin has been recently vetted in NYISO committees and this approach was approved.

The RRS agreed that the present Tech Bulletin format appears to be in accordance with present practices and sees no reason for changes. Roger Clayton will convey this point in upcoming discussions with Mr. Paul Gioia. **(AI 97- 6).**

The RRS is asked to consider the removal of the “applications paragraph” from the existing Rules once Tech Bulletin 159 is approved.

3.1 (Continued)

Load as Capacity Resource

Mr. Robert Pike of the NYISO presented a draft PRR to coordinate with the draft revision of NPCC document A-6, which is presently in the NPCC approval process. This draft PRR would allow controllable loads to bid into market as a synchronized 10 minute operating reserve resource.

The ensuing discussion covered topics including the ability to quantify individual load performance, eligibility and administrative matters and the desirability of controllable load replacing the synchronized operating reserve provided by on-line generation. Ms. Alice Jackson of Occidental Energy noted that their company today bids into the ERCOT market and responds to generation base points as well as system frequency deviations. She noted that the Texas PUC staff has reported on this program in ERCOT. The RRS requested that she send this report to Mr. Pike and he will then distribute to the RRS members (**AI-97-7**).

The RRS requested time to consider the above Texas PUC technical report and, in addition, felt that approval of the Mr. Pikes PRR was somewhat premature considering that the A-6 is still in the NPCC approval process.

Mr. Pike agreed to provide a Power Point presentation for the RRS at their next meeting to further discuss the technical items raised at today's meeting.(**AI 97-8**). Roger Clayton will bring this issue to the next EC meeting (**AI 97-9**). RRS members were asked to review the proposed PRR and provide comments to Mr. Pike by Friday, July 13, 2007. (**AI 97-10**)

NERC Data Request

The RRS briefly reviewed items provided by Mr. Waldele regarding a NERC data request. Al Adamson agreed to contact NPCC for input on this matter (**AI 97-11**) and Mr. Waldele will be asked to discuss this further at the next RRS meeting.(**AI 97-12**)

3.2 NPCC Rules Revisions Update

The NPCC Criteria Revision Tracking Summary table was reviewed. There were no extensive discussions of topics related to these items.

NPCC CBRE Regional Standards Committee membership

Al Adamson proved an overview of the history and composition of this committee.

3.3 NERC SARs /Standards

The NERC Reliability Standards Tracking Summary Table was reviewed. There were no extensive discussions of topics related to these items.

4.0 Additional Agenda Items

The following additional agenda items were discussed.

4.1 New York Regional Interconnection (NYRI) inquiry from COUCH WHITE

As part of their PSC Article VII proceeding, NYRI requested that the NYSRC identify any rules or procedures regarding the proposed construction and operation of the NYRI Transmission Line adjacent to the Millennium Pipeline Project right of way.

The RRS considered this inquiry at their last meeting on May 31,2007. The RRS concluded that there are no specific NYSRC rules that govern the transmission line use of pipeline's right of way. The RRS noted that the existing Design and Extreme Contingencies tables associated with Reliability Rules section B –Transmission Capability –Planning which address the loss of both HVDC poles and the extreme contingency sudden loss of fuel supply as perhaps related items.

Roger Clayton reported this conclusion to the EC at their June 7, 2007 meeting and requested Mr. Paul Gioia further consider this assessment. He is presently awaiting Mr. Gioia's response.

4.2 I-R4 Thunderstorm Alert

Mr. Jeff Crandall brought to the attention of the RRS an issue that arose during during a system emergency on May 16, 2007. He reported that the generation response was not smooth during the one hour period ahead of the impending storm resulting in NYISO declaring a Major Emergency due to a shortage of 10 minute operating reserve.

Mr. Crandall reported that the NYISO's new SMD2 software will allow for a more forward looking time period than one hour. This added time would allow a smother transition from a normal to the emergency generation dispatch states.

The RRS requested that Mr. Alvarez and Mr. Waldele present a discussion for the possible need for a PRR on I-R4. (**AI 97-13**)

4.3 Reliability Rule Manual changes

The RRS briefly discussed the latitude it had to modify the Rules Manual. Previous direction from the EC indicated that the RRS could make “administrative” changes to the manual without EC approval.

The RRS agreed to again ask the EC to definite “administrative” changes. Al Adamson agreed to assemble a list of examples that may be defined as “administrative” for Roger Clayton to discuss at the next EC meeting. (**AI 97-14**)

4.4 Website Posting of PRRs

The RRS agreed that PRRs posted for comments that are past their due dates should be removed from the NYSRC Home Page. They should ,however, remain in the Draft Reliability Rule Section of the PRR Revision page.

The RRS further agreed that Al Adamson should assume the role as manager of the postings of the Final PRRs. He will also ensure that a back-up record of the PRRs be maintained.

5.0 Reports

5.1 NYSRC EC Report

Items covered above. Minutes of NYSRC EC meetings are available at <http://www.nysrc.org/documents.html>.

5.2 ICS Report

No report. Minutes of NYSRC ICS meetings are available at <http://www.nysrc.org/documents.html>

5.3 NYSRC RCMS Report

No report. Minutes of NYSRC RCMS meetings are available at <http://www.nysrc.org/documents.html>.

6.0 Next Meeting

Meeting #97 was adjourned at 1443. The next meeting is scheduled for 0930 on Thursday, August 2, 2007 at the NYSERDA offices located at Columbia Circle, Albany, NY.