

Final Minutes
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS)

Minutes of Meeting #94
RRS Meeting @ NYSERDA Offices
17 Columbia Circle, Albany, NY

Thursday, April 5, 2007

Attendance

Roger Clayton	Electric Power Resources (Chair)	Member
Ted Pappas	LIPA	Member
Al Adamson	Consultant	Member
Roy Pfleiderer	National Grid	Member
Jeff Crandall	NYSEG	Member
Larry Hochberg	NYPA	Member
Hebert Joseph	DPS	Member
John Adams	NYISO	Member
Bob Waledele	NYISO	Member
Jack Alvarez	Con Ed	Member
Rabi Kiran	Con Ed	Guest
Tim Bush	Navigant	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

Roger Clayton requested time to discuss the development of a criteria for granting exceptions to the Reliability Rules and time to discuss the ISO-NE use of “(N-1)-1” in planning studies. He also indicated the RRS was asked to consider the “NYISO” processes in I-M1.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Minutes #93

The minutes of RRS Meeting #93 were approved.

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 44-7 Monitor MAAC and ISO-NE rules for best practices. (RRS)
This item will be retired and consolidated with AI 83-8.

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 ongoing.

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.
This item is ongoing.

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

AI 88-9 Mr. Pappas to review BPS system Protection Criteria (A-5) for possible rule changes (Pappas)

This item is ongoing.

AI 91-1 Dr. Sasson to contact other transmission owners (TOs) in New York for their position on PRR#86 (Sasson)

This item is ongoing. Jack Alvarez will contact Mayer Sasson for the status of this item.

(AI 94-1)

AI 91-2 Dr. Sasson provide material to support Con-Ed's argument that events on the full contingency list have a relatively low probability of occurrence. (Sasson)

This item is ongoing. Jack Alvarez will contact Mayer Sasson for the status of this item.

(AI 94-1)

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 92-2 Al Adamson will contact John Adams for the NYISO position on issues brought forth by NYPA's presentation on I-R3. (Adamson)

This item was completed.

AI 92-6 Bob Waldele to submit comments to NPCC on Disturbance Monitoring Equipment Criteria (A-15). Comments due by 3/12/07 (Waldele)

This item is completed.

AI 93-1 Roger Clayton will discuss with Bob Waldele the issue of bringing Table B, extreme contingency "I" into the design criteria and the associated use of the RNA process. (Clayton)

This item is completed

AI 93-2 Ted Pappas will review System Restoration Criteria (A-12) for potential rule changes (Pappas)

This item is ongoing.

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 86 - Emergency Transfers and Planning Criteria (Waldele)

The RRS reviewed Con-Ed's comments provided in response to the posting of PRR86. After some consideration, the RRS concluded that the concerns raised by Con-Ed were largely procedural in nature. The RRS thus recommended the PRR be forwarded to the EC for final approval. At the EC, the NYISO may request that the final approval be placed on hold to address procedural issues.

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

This PRR was approved to send to the EC for posting. NYPA provided it's approval respecting their Loss of Gas supply issues raised at prior meetings.

PRR90 B-R5 B-M3: Transmission Capability Planning- Restoration (Crandall)

On 2/9/07 the EC approved to post. No comments were received. On 4/5/07 the PRR was approved to send to the EC for final approval.

PRR 91 B-R4 Extreme Contingency Assessment (Pappas)

On 2/9/07 the EC approved to post. A comment was received from Phil Fedora of NPCC and incorporated. The revised PRR was approved and will be to sent to the EC by Ted Pappas for final approval. **(AI 94-2)**

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

On 4/5/07 the RRS approved this PRR and recommended it be forwarded to EC for approval to post.

Examination of Local Reliability Rule I-R3

The RRS again continued its discussion of Local reliability rule I-R3 in the context of items raised by NYPA's presentation entitled "Loss of Generator Gas Supply".

John Adams was asked to report on the NYISO's position on issues brought forth in this presentation. **(AI 94-3)**

The RRS concluded that there is not presently a NYSRC planning design rule or NYISO process by which "Loss of Generator Gas Supply" issues may be captured.

RRS considered changing the Loss of Fuel Supply presently an Extreme Contingency (Table B) to a Design Criteria (Table A). It was noted ,however, that treating this as design criteria may not be enough to capture this issue due to impending environmental constraints.

It was noted that perhaps the NYISO CRPP process may be the forum in which this issue could be addressed. It was reported that the NYISO is presently improving its environmental modeling capabilities in this area. Bob Waldele was asked to report on NYISO progress in modeling environmental issues. **(AI 94-4)**

The RRS agreed that it will need to continue to monitor progress on this issue.

"(N-1)-1" discussion

Roger Clayton noted that ISO-NE is actively considering use of the so called "(N-1)-1" portion of NPCC planning criteria. This portion of the criteria requires the system to meet planning criteria with an element out of service after re-dispatch of the 10 minute operating reserve. It was noted that in the NYISO planning arena today it is assumed that sufficient reserve resources exist to satisfy this portion of the criteria.

The RRS noted that the NYSRC rules also contain this "(N-1)-1" requirement. As such the NYISO adherence to this rule appeared to be an issue for the RCMS. Al Adamson was asked to bring this to the RCMS at their next meeting on April 12, 2007. **(AI-94-5)** Roger Clayton will also bring this item to the next EC meeting. **(AI-94-6)**

It was also noted that this portion of the NYSRC rules could more clearly state this requirement. Ted Pappas was asked to suggest a modification of this section. **(AI- 94-7)**

The NYISO “Role” in I-M1

Roger Clayton indicated that the RRS was asked by Jack Alvarez to consider the NYISO’s “role” in I-M1. After some discussion, the RRS did not feel it was within its’ jurisdiction to define specific NYISO processes and procedures. The RRS was informed that a Technical bulletin on this issue is being developed by the NYISO. Jeff Crandell will provide a copy of this draft bulletin for review by the RRS. (AI 94-8)

I- R3 Reliability Rule Application

The RRS observed that the NYC and LI applications following this rule appear to be out of date. It was decided that Roger Clayton should take this item to the EC. (AI 94-9).

3.2 NPCC Rules Revisions Update

The NPCC Criteria Revision Tracking Summary table was reviewed with the following highlights:

Emergency Operation Criteria (A-3), 6th Draft

PRR 84 was prepared by T. Pappas to address new A-3 requirements. This PRR is on hold pending approval of the A-3 revision. Ted Pappas provided comments for RRS to consider. Comments at the NPCC by 3/5/07.

Operating Reserve Criteria (A-6) + new definitions

Ted submitted comments on 3/5/07, and will prepare a PRR.

Criteria for Classification of BPS Elements (A-10)

Bob Waldele provided documents outlining status and proposed implementation of A-10.

System Restoration Criteria (A-12)

Ted Pappas will provide comments for potential rule changes. (AI 93-2)

Procedure for Testing and Analysis of Extreme Contingencies (C-18)

Ted prepared PRR 91 to modify Rule B-R4 for meeting C-18 requirements. The PRR was approved to send to the EC for final approval.

3.3 NERC SARs /Standards

The NERC Reliability Standards Tracking Summary Table was reviewed.

The following items from this summary were highlighted for discussion :

- Balance Resources & Demand [BAL-007-1 through 011-1]
- Assess Transmission Future Needs and Develop Transmission Plans [TPL-001 through TPL-005-1]
- Nuclear Plant Interface Coordination, Draft 3
- Interconnection Reliability Operating Limits [IRO-007 through IRO-010]
- Urgent Action – Modify INT-005-1, 006-1, and 008-1 to correct tables
- Automatic Generation Control, interpretation request
- Supplemental Violation Risk Factors, Version 1

4.0 Additional Agenda Items

NYSRC rule exception Policy

The RRS noted that the NYSRC Policy 1-3 does contain a reference to exceptions to the NYSRC rules and agreed that a policy defining exception criteria should be developed.

The RRS briefly considered the following as elements of such a criteria :

- no adverse impacts on system reliability
- demonstrated the benefits associated with a proposed exception
- a proposed exception should respond to a Reliability Need

The RRS was asked to review NPCC documents for NPPC handling of this matter and also consider possible changes to Policy 1-3 . **(AI 94-10)** Al Adamson will raise with RCMS the issue of whether annual NYISO transmission assessments include a review of the need to continue exceptions, in accordance with NPCC guidelines. **(AI 94-11)**

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 #94 was adjourned at 1450. The next meeting is scheduled for 0930 on Thursday, May 3, 2007 at the NYSERDA offices located at Columbia Circle, Albany, NY.