

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

Minutes of Meeting #92
RRS Meeting @ NYSERDA Offices
17 Columbia Circle, Albany, NY

Thursday, February 1, 2007

Attendance

Ted Pappas	LIPA (Acting Chair)	Member
Al Adamson	Consultant	Member
Roy Pfleiderer	National Grid	Member
Jeff Crandall	NYSEG	Member
Larry Hochberg	NYPA	Member
Jack Alvarez	Con Ed	Member
Bob Waldele	NYISO	Member
Hebert Joseph	DPS	Member
Ed Schrom	DPS	Member
Jon Appelbaum	LIPA	Member
Scott Brown	NYPA	Guest
Rabi Kiran	Con Ed	Guest
Dave Coup	NYSERDA	Guest
Erin Hogan	NYSERDA	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

NYPA requested time to discuss Local Reliability Rule I-R3. Ted Pappas requested that the RRS review PSC Draft Con-Ed Report. Al Adamson requested time to discuss NERC draft Category C SAR on Multiple Contingency Operations Planning.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Minutes #91

The minutes of RRS Meeting #91 were approved as submitted.

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 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 ongoing.

AI 83-8 Review RFC and ISO-NE Transmission Planning Criteria (Clayton)

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 88-6 Mr. Pappas and Mr. Alvarez to review new I-R3 template.

This item is completed.

AI 88-7 Mr. Crandall to document concerns regarding NYISO provided generator test data. (Crandall)

This item is completed.

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

This item is ongoing.

AI 90-4 Bob Waldele will provide comments on Criteria for Classification of BPS Elements (A-10). (Waldele)

This item is completed.

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.

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

AI 91-3 Ted Pappas to prepare a template that would bring the NYSRC criteria into alignment with procedure C-18 (Pappas)

This item is completed.

AI 91-4 Mr. Waldele to monitor NERC standards MOD0024,MOD0025,VAR001 &VAR002 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.

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 agreed to send this to the EC for posting.

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

After some discussion, it was decided to create separate Reliability Rule for a Long Island on this issue and to develop a definition for “uncontrolled” loss of load. A new PRR for will be created. (AI 92-1)

PRR 89 A-R1: Statewide Installed Reserve Requirements- Clarify that for the purpose of establishing IRM that Emergency Transmission Transfer Capability should be utilized. (Adamson)

This PRR was approved by the EC on January 5, 2007.

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

RCMS approved the PRR90 compliance elements. RRS recommended this PRR be sent to the EC for posting.

PRR 91 B-R4 Extreme Contingency Assessment (Pappas)

The RRS recommended to send this PRR to the EC for posting.

Examination of Local Reliability Rule I-R3

Mr. Scott Brown of NYPA presented a discussion entitled “Loss of Generator Gas Supply ,Local Reliability Rule I-R3 , A re-examination of the Rule”.

The main theme of the presentation was that rule I-R3 should be re-examined since the system has changed over the past 18 years since it’s enactment. The system changes that were cited included load growth, the aging and retirement of oil units, natural gas becoming the dominant fuel in NYC and stricter emission limits. As a result of these types of changes, at some point in the future there may no longer be a guarantee that there is any application which meets the rule. Therefore, the rule itself should address the planning aspect.

The presentation also indicated that the LRR for loss of gas must be more forward looking and additionally made the following suggestions:

- the rule should be reviewed, studying the loss of gas within the context of SRIS studies going forward so that dual fuel generators can be located where they are optimal.
- A cost/benefit analysis should be conducted to determine which solutions is best for the consumer- (a) gas transportation system improvements (b) backup measures on the electric system or (c) a combination of both.
- Study the severity of the rule itself. Is it based on an unrealistic expectation concerning a gas main break ?
- Revise rule I-R3 itself to add “Planned and operated so that the loss of a single gas facility does not result in a loss of electric load...”

The RRS discussed this presentation at some length. It was generally observed that choosing an optimal location for dual fuel generation and the cost/benefit analysis associated with tradeoffs between the Gas and Electric systems are issues that perhaps cannot be addressed at the NYSRC.

It was decided to obtain the NYISO's position on these items prior to further consideration by the RRS. Al Adamson will contact John Adams for the NYISO position on these items. (AI 92-2)

PSC Preliminary Draft Report on July 2006 Power Outages in Long Island City

The RRS briefly discussed this item. Members were requested to review this report for a future discussions. (AI 92-3)

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. Comments are due on this latest draft on 3/5/07. Ted will review this latest draft and prepare comments. (AI 92-4)

Operating Reserve Criteria (A-6) + new definitions

Comments are due 3/5/07. Ted Pappas to review and provide comments.
(AI 92-5)

Criteria for Classification of BPS Elements (A-10)

Bob Waldele submitted comments to NPCC on January 8, 2007(AI 90-4).

Disturbance Monitoring Equipment Criteria (A-15)

Comments are due 3/12/07. Bob Waldele will provide NYISO staff comments to the RRS at the March meeting. (AI 92-6)

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

Ted prepared a PRR (91) that brings the NYSRC criteria into alignment with this procedure. (AI-91-3) The PRR was recommended to be sent to the EC for posting.

Procedure for Operating Reserve Allocation C-38)

Comments are due 3/12/07. Ted Pappas to review and provide comments.
(AI 92-7)

3.3 NERC SARs /Standards

NERC Reliability Standards Tracking Summary was reviewed.
The items below were highlighted for discussion.

Relay Loadability [PRC-023-1, Version #2]

Comments on Version #2 are due 2/7/07. Bob Waldele will provide NYISO staff comments to RRS. (AI 92-8)

Violation Risk Factors, Version 0 & 1 Standard Requirements

NYSRC voted “yes” on the initial ballot for all nine sets of proposed Version 0 VRF segments on 12/12/06. One set (on training) was defeated. There will be a recirculation ballot starting tomorrow. The initial ballot for the Version 1 VRFs will start Feb 14. Mr. Adamson tentatively recommends a YES vote, but will wait to hear a CP-9 recommendation before making a final recommendation to RRS.

4.0 Additional Agenda Items

AI Adamson presented for discussion NERC draft Category C SAR on Multiple Contingency Operations Planning. RRS members to review and comment by 2/5/07. (AI 92-9)

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 #92 was adjourned at 1410. The next meeting is scheduled for 0930 on Thursday, March 1, 2007 at the NYSERDA offices located at Columbia Circle, Albany, NY.