

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

Minutes of Meeting #87
RRS Meeting @ NYSERDA Offices
17 Columbia Circle, Albany, NY

Thursday August 31, 2006

Attendance

Roger Clayton (Chair)	Electric Power Resources	Member
Robert Waldele	NYISO	Member
Jack Alvarez	Con Ed	Member
Al Adamson	Consultant	Member
Roy Pfleiderer	National Grid	Member
Hebert Joseph	PSC	Member
Ted Pappas	LIPA	Member
Steve Jeremko	NYSEG	Guest
John Adams	NYISO	Guest
Brenden Kirby	American Wind Energy Association	Guest
Joe Lewis	Constellation Energy Commodities Group	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

Mr. Adamson requested additional agenda items to discuss Reliability Rules Manual section Introduction changes and a request from RCMS for the RRS to re-consider B-R5 and B-M3.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Minutes #86

The minutes of RRS Meeting #86 were approved with a minor addition.

2.2 Action Items List

The following Action Items were reviewed and considered to be ongoing,

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)

Mr. Waldele reported that the NYISO has requested and is in the process of receiving and reviewing updated governor response data for the NPCC TFSS (see related AI 52-1). This item is ongoing.

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

Mr. Waldele reported that TFSS has received comments and the revised NYISO report was forwarded to the TFSS and CP-11 Working Group. The TFSS and CP-11 conducted a joint conference call and is preparing a summary report for next RCC meeting. Mr. Waldele noted ISONE has similar concerns as NYISO. The concerns expressed include specific clarifications to the methodology, and compliance and monitoring issues. 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)
Mr. Waldele reported the NPCC TFSS has requested all generators provided updated governor performance data for the UFLS adequacy assessment that the SS-38 Working Group will initiate in the 4th Quarter 2006. This item is ongoing.

AI 71-5 Monitor need to modify NYSRC Rules A-R1 & A-R2 (Adamson)
This item is ongoing.

AI 73-1 Report on Reactive Power WG discussions on Reactive Load & Resource Requirements (Clayton)

Mr. Waldele indicated that the RPWG meetings are being scheduled; check the NYISO website for specific dates. This item is ongoing.

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

Mr. Pappas reported that the OC approved the LIPA rule revisions. AI Adamson will follow-up with Greg Campoli to ensure current applications are added to the NYISO Web site. (AI 87-1). 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 84-2 Provide reference/citation on NYISO practices for implementing transmission capability criteria in transmission studies.

Mr. Waldele reported this is in progress. This item is ongoing.

AI 84-5 Greg NPCC converting C-35 to criteria document. When they do, we will need to review the NYSRC Rules on System Restoration.
This item is ongoing.

AI 85-5 Issue a paper to RRS regarding interpretation of loss of electric load in I-R3 (Pappas) This item is completed.

AI 86-1 Correct web links to NYSRC policies and meeting material in RRS meeting announcement (Pfleiderer) This item is completed.

AI 86-2 Send PRR 85 to EC for approval (Clayton)
This item is completed

AI 86-3 Con Ed and LIPA to prepare a discussion of PRR 86 (Alvarez/Pappas)
This item is completed

AI 86-4 Follow-up with the PSC on proper jurisdiction for Wind Farm Structures (Clayton) This item is completed

AI 86-5 Review Section E Introduction revisions received from Mr. Gioia. (Adamson)
This item is completed

3.0 NYSRC RR Development

3.1 List of Potential RR Changes

RRS reviewed the list of potential rule changes as follows:

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)

This PRR is on hold pending final approval of NPCC A-3.

PRR 85 - Revision to D-R2 Minimum Operating Reserve Requirement (Pappas)

The EC approved this PRR as a new rule at it's August 11,2006 meeting.

Mr. Clayton will ensure the NYISO is informed when all new rules are approved.
(AI 87-2)

PRR 86 - Emergency Transfers and Planning Criteria (Waldele)

Mr. Pappas conveyed LIPA's comments prepared by Mr. Curt Dahl. Mr. Dahl indicated that he felt it was inappropriate to remove emergency limits from the Planning Criteria since they are used in a variety of applications including Installed Reserve, SRIS, ATBA and Cost Allocation studies. He further indicated that SRIS studies continue to evaluate proposed facilities on transfer limits. Removal of emergency limits may impact these studies as well. Bob Waldele indicated he would speak to Mr. Dahl concerning this matter. **(AI 87-3)**

Mr. Pfliegerer, in addition, expressed concern that emergency limits would not be included in future planning studies. The RRS concluded that if emergency limits are desired in future planning studies, additions could be made to the study scopes of work. This request would then be considered at TPAS.

RSS tabled approval of this PRR pending receipt of the NYISO White Paper providing references on it's practices for implementing transmission capability criteria in transmission studies and Mr. Waldele and Mr. Dahl discuss the PRR.

PRR 87 – Wind Generator Clearances From Transmission Lines (Kinney)

Following up on an action item Mr. Clayton asked the PSC's for it's position regarding proper jurisdiction of this matter.

Mr. Schrom provided the following to Mr. Clayton :

“We review the wind farms that fall under SEQRA that come under our review. There are some that do not come under our review. We have review some projects where the town or local government have required 1.5 distance set back fall distance. In some cases there is nothing in the local ordinances. If the reliability council comes up with a rule, then staff would apply that rule when it does its review.”

After some discussion the RRS concluded the following :

- a. the Reliability Rules presently consider single and multiple contingency outages. The tower height/clearance does not pose a unique reliability risk to the power system that is not already addressed in the Rules.
- b. the NYISO and NYRSC does not appear have the jurisdiction to physically site structures.
- c. a rule just for wind structures may be some what discriminatory
- d. local Ordinances would appear to be the correct place to deal with this matter

The RRS thus concluded that a new Reliability Rule does not appear to be the proper vehicle by which to address this concern.

Discussion on the Intent of Rule I-R3

Mr. Pappas submitted a proposal to add a definition of the term “loss of electric load” in I-R3. Mr. Pappas stated that the intent of the rule was to prevent voltage collapse or loss of stability, which an operator cannot control or contain and not to prevent post contingency thermal overloads which the operator can take actions to resolve. After some discussion, the RRS suggested that Con Ed and LIPA confer and submit a Template clarifying the rule for the RRS consideration. **(AI 87-4)**

Consideration of the Need for New Reliability Rules

Generator Reactive Capability Modeling

Mayer Sasoon of Con-Ed indicated that NERC has recently approved new Standards regarding voltage and reactive control, and generator real and reactive capability. These NERC standards include :

- VAR 001-1 Voltage and Reactive Control
- VAR 002-1 Generator Operation for Maintaining Network and Voltage schedules
- MOD 025-1 Verification of generator Gross and net Reactive Power Capability
- MOD 024-1 Verification of generator Gross and net Real Power Capability

The RRS noted this will be a topic considered by the RPWG. RRS will monitor RPWG efforts in this regard. **(AI 87-5)**

3.2 NPCC Rules Revisions Update

The NPCC Criteria Revision Tracking Summary table was reviewed.

Al Adamson indicated he will be removing from this table the Operating Reserve Criteria (A-6), Procedures for Analysis and Classification of Dynamic Control Systems (C-33) and Procedure to Collect Major Disturbances Event Sequence Data (C-39).

3.3 NERC SARs /Standards

NERC Reliability Standards Tracking Summary was reviewed. There was no change in the status of items on this table. Al Adamson recommended a “no” vote on FAC-011-1 when it is balloting in late September.

4.0 Additional Agenda Items

RCMS Request

The RCMS requested that the RRS consider the intent and need for B-R5 and B-M3 in the Reliability Rules. After some discussion, the RRS felt that reference to System Restoration seemed appropriate to retain in the Planning Criteria.

Mr. Waldele agreed to research possible changes to B-R5 to include the theme of Black Start capability in system design and planning or where station design layout could facilitate restoration. **(AI 87-6)**

Reliability Rule Section Introduction changes

Al Adamson reviewed with the RRS proposed changes to the RR Manual Rule Section Introductions. Mr. Pappas requested that in the Introduction to Local Reliability the third sentence be modified as follows “These conditions include unique circumstances and complexities related to the maintenance of reliable transmission service.” The RRS agreed to this change. Mr. Adamson agreed to review these sections again with Mr. Paul Gioia before sending to the EC for approval. **(AI 87-7)**

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 #87 was adjourned at 1418. The next meeting is scheduled for 0930 on Thursday, October 5, 2006 at the NYSERDA offices located at Columbia Circle, Albany, NY.