

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

***Minutes of Meeting #83
RRS Meeting @ NYSERDA Offices
17 Columbia Circle, Albany, NY***

Thursday May 4, 2006

Attendance

Ed Schrom	PSC	Member
Larry Hochberg	NYPA	Member
Roger Clayton (Chair)	Electric Power Resources	Member
Ray Kinney	NYSEG	Member
Robert Waldele	NYISO	Member
Alan Adamson	Consultant	Member
Ted Pappas	LIPA	Member
Greg Campoli	NYISO	Guest
Tim Bush	Navigant	Market Participant (Muni)
Glenn Haake	IPPNY	Market Participant

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 no requests for additional agenda items.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Minutes #82

The minutes of RRS Meeting #82 were approved as amended. Ted Pappas will issue the final minutes.

2.2 Action Items List

RRS reviewed the outstanding Action Items list and accepted the following as complete.

<u>Action Item #</u>	<u>Comment</u>
82-1, 82-2	The list of applications was approved by SOAS and will be submitted to the OC.
82-3	A-3 was reviewed and RRS has no comments
82-4	A definition of DCS was added to PRR-85
82-5	RCMS remanded PRR 85 back to RRS for a discussion with the NYISO
82-6	Mr. Adamson proposed changes to rule introductions
82-7	The NESC does not cover wind generator's fall zones
82-8	Mr. Adamson reviewed MACC and ISO-NE "rules"
82-9	Mr. Campoli provided an update.

3.0 NYSRC RR Development

3.1 List of Potential RR Changes

Mr. Adamson reported that the EC requested that the effective date of a rule be included with the rule. The effective date is the date the EC adopts the rule.

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)

The latest draft of NPCC A-3 was reviewed and will not impact this PRR. Mr. Pappas will incorporate wording changes proposed by the RRS and add a glossary term to define exempt generators (AI 83-1).

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

RCMS remanded the PRR back to the RRS with a request to review the necessity of the change with the NYISO. Mr. Campoli of the NYISO agreed that the rule change was required to assure that the NYSRC Rules are at least as stringent as NPCC standards. Mr. Pappas will incorporate wording changes proposed by the RRS and submit to Mr. Adamson for discussion at the next RCMS meeting (AI 83-2).

PRR 86 - Emergency Transfers and Planning Criteria (Waldele)

Mr. Waldele feels that the NYSRC reliability rules do not correctly reflect the intent of NPCC A-2. NPCC Operating criteria address the use of emergency transfers but the planning criteria do not. The reliability rules address the use of emergency transfers, to some degree, in planning. Mr. Waldele is proposing to delete the reliability rule requirements relating to emergency transfer capability in transmission planning. RRS agreed that this was a topic requiring more extensive discussion since it may also impact IRM studies. Mr. Clayton requested that RRS members ask their planning organizations to review this issue for impact on long term planning efforts (AI 83-3). Mr. Adamson will discuss with Mr. Bill Lamana the impact on transfer limit assumptions used for IRM studies (AI 83-4). Mr. Bush stated that the IRM is an operating study and, therefore, should not be impacted by this change.

PRR 87 – Wind Farm Structures (Kinney)

Mr. Kinney will draft a PRR to address wind farm structures located near transmission lines. A concern exists that the failure of a wind farm structure located several hundred feet from a transmission line could adversely impact the line. The National Electric Safety Code (NESC) does not cover this issue. At least one other utility has its own requirements on wind farm structures. Mr. Clayton will send this info to Mr. Kinney.

Consideration of the Need for New Reliability Rules

Need to modify Rule Section Introductions

Mr. Adamson proposed revisions to the introductions to reliability rules sections B, C, E, F and G. The proposals were reviewed and Mr. Adamson will incorporate the comments and present the revised introductions to RRS for approval at the next meeting (AI 83-5). The nature of the comments will also require a change to the introduction to section I.

Need to Compare Neighboring ISO Reliability Rules

At meeting 81, Roger Clayton suggested that the RRS consider reviewing the Reliability Rules of neighboring systems such as MACC and ISO-NE. Mr. Adamson performed a preliminary review and did not discover any best practices that we should adopt. RRS will begin looking at some items in greater detail to determine if an extensive review of all the Reliability First Corporation (MAAC/MAIN/ECAR) and ISO-NE “rules” should be undertaken. Mr. Pappas will review RFC EOP-001-1, Emergency Operating Procedures (AI 83-6) and Mr. Clayton will review the RFC and ISO-NE transmission planning criteria (AI 83-7).

Review of NERC Standards

Mr. Adamson reviewed the NERC standards to determine if any of them were more stringent than the NYSRC Reliability Rules. Mr. Adamson concluded that the NYSRC Rules were at least as stringent as the NERC standards. In two cases, MOD-025-1, Verification of Generator Gross and Net Reactive Capability and MOD-024-1,

Verification of Generator Gross and Net Real Power, the NERC standards were more detailed. RRS members did not feel any rule changes were required.

3.2 NPCC Rules Revisions Update

The NPCC Criteria Revision Tracking Summary table was reviewed.

NPCC C-33, Analysis and Classification of Control Systems

Ted Pappas will review (AI 80-3).

NPCC C-35 Inter-Control Area Power System Restoration Reference Document

This reference document is a guideline for the areas in developing restoration plans, performing restoration, and training of personnel. It will also incorporate portions of A-3 regarding restoration. Mr. Campoli will track progress on this reference document.

NPCC A-03 Emergency Operation Criteria

Mr. Pappas reviewed the latest draft, had no comments and recommended that the NYSRC vote for approval.

NPCC B-26 Guide for Application of Disturbance Recording Equipment

This is a new “B” document for the implementation of NPCC A-2 and A-5 requirements associated with disturbance recording equipment. RRS members will review the document in order to discuss at the next meeting (AI 83-9). Comments are due to NPCC by June 7, 2006.

3.3 NERC SARs/Standards

NERC Reliability Standards Tracking Summary was reviewed.

The following specific items were noted:

FAC-010-1 and 011-1

These received a 68.3% approval vote, which is above the 67% required; however, a balloting quorum was not achieved. A revote will be required. It has not yet been determined if the drafting team will revise the standard. RRS members agreed that a compromise that does not include the Category C contingencies is unacceptable.

NERC Process Manual

Mr. Adamson provided comments on the Process Manual. Changes to the existing manual are required for the ERO function. One of the major comments is the objection

to NERC's presently proposed method of incorporating cost-benefit analyses. Mr. Adamson's comments will be reviewed with the EC.

NERC Procedure for Developing Compliance Elements

Mr. Adamson reviewed the procedure. The draft procedure includes taking compliance elements out of the balloting process. The RRS is opposed to this concept. This and the remaining comments will be presented to the EC.

IRO 006-2 Modify TLR

NPCC CP-9 is reviewing this. RRS will depend on the CP-9 review.

Provide Missing Measurement and Compliance Elements in Existing Standards

This will require changes to 20 standards. NPCC CP-9 is reviewing.

NERC ERO Application

On April 4, 2006 NERC submitted an ERO application to FERC. 102 proposed reliability standards were also submitted. Mr. Adamson will follow this item as part of his work on NPCC CP-9.

4.0 Additional Agenda Items

None

5.0 Reports

5.1 & 5.2 NYSRC EC & ICS Report

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

5.2 ICS Report

ICS and the NYISO issued a status report to FERC regarding the National Grid IRM complaint. Minutes of NYSRC ICS meetings are available at <http://www.nysrc.org/documents.html>

5.3 NYSRC RCMS Report

Minutes of NYSRC RCMS meetings are available at <http://www.nysrc.org/documents.html>.

6.0 Next Meeting

Meeting #83 was adjourned at 1400. The next meeting is scheduled for 0930 on Thursday, June 1, 2006 at the NYSERDA offices located at Columbia Circle, Albany, NY.

Final minutes of meeting #83 were submitted by Ted Pappas on 6/1/06.