

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

***Minutes of Meeting #88***  
***RRS Meeting @ NYSERDA Offices***  
***17 Columbia Circle, Albany, NY***

***Thursday October 5, 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
Ted Pappas	LIPA	Member
Jeff Crandall	NYSEG	Member
Larry Hochberg	NYPA	Member

**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 time to discuss the RRS meeting schedule for 2007 and to discuss the Final Blackout Report.

Mr. Crandall requested time to discuss C-R1 and the associated data the NYISO provides.

## **2.0 Meeting Minutes/Action Items**

### **2.1 Approval of RRS Minutes #87**

The minutes of RRS Meeting #87 were approved with minor corrections.

### **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 )

Mr Waldele reported that the NPCC TFSS has requested governor modeling data from all generators; these reports are due at NPCC this month. 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 issued its summary report and forwarded it to CP-11. A meeting is being scheduled for the third week in October to consider revisions to the methodology and concerns raised on compliance monitoring issues. This item is ongoing.

**AI 44-7** Monitor MAAC and ISO-NE rules for best practices. (RRS)

Mr. Waldele indicated that the ISO-NE OP-17 (load power factor) process should be considered under this item; he noted that NERC identified this as a “best practice” in its control Area follow-up visits during the 2003 Blackout Investigation. It was noted that ISO-NE made a presentation to the RPWG, but that group has not discussed it any further. 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 that SS-38 is reviewing under frequency tripping points of Nuclear Units. The UFLS adequacy assessment is scheduled for the 4<sup>th</sup> 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 reported that at their last meeting the RPWG reviewed recent NYISO BPS voltage performance. He reported that RPWG efforts have been progressing at a much slower pace than originally envisioned. This item is ongoing.

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

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 provided a draft document for discussion. RRS members are to review for the next meeting. This item is completed.

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 87-1 AI Adamson to follow-up with Greg Campoli to ensure current applications are added to the NYISO Web site. This item is ongoing

AI 87-2 Mr Clayton to inform the NYISO that PRR 85 was approved by the EC as a new rule. This item is ongoing.

AI 87-3 Mr Waldele to discuss PRR 86 with Mr Curt Dahl  
This item is ongoing.

AI 87-4 LIPA and Con-Ed to submit Template for I-R3 “loss of load” definition  
This item is completed.

AI 87-5 RRS to monitor Reactive Power WG discussions on NERC Rules regarding generation reactive capability.

At the September RPWG meeting, Mr. Waldele reviewed with the RPWG NERC Standards VAR-001, VAR-002, MOD-001 and MOD-002. He will review these documents with the RRS at the next meeting. (AI-88-1).

The RRS agreed to modify the title of this AI replacing “generation reactive capability” with “reactive power issues and modeling”. This item is ongoing.

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

Mr. Waldele reviewed possible changes to B-R5. After some discussion regarding implementation and potential implications of such changes, the RRS concluded that it is unclear at this point whether a Reliability Rule change is desirable. Mr. Adamson will discuss this item at next RCMS meeting. **(AI 88-2)**. This item is completed.

AI 87-7 Mr. Adamson agreed to review RR Manual Rule Section Introductions again with Mr. Paul Gioia before sending to the EC for approval.  
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)  
There is nothing new to report on this item.

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

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. Waldele provided a draft NYISO White Paper to discuss its practices for implementing transmission capability criteria in transmission studies. Mr. Waldele and Mr. Dahl to discuss the PRR. **(AI 87-3)** Roger will set up a conference call between the RRS and Mr. Dahl if these discussions indicate this is necessary. **(AI 88-3)**

The RRS is to review this draft paper for discussion at the next meeting. **(AI 88-4)**

**PRR 87 – Wind Generator Clearances From Transmission Lines (Crandall)**

The EC at their last meeting concluded that the RRS should monitor Wind Generator structural performance for possible future Reliability Rule additions.(AI 88-5)  
This item will be removed from the PRR list.

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

Mr. Alvarez and Mr. Pappas to review this new template before the next meeting.  
(AI 88 -6).

**Discussion of Rule C-R1**

After reviewing C-R1, Mr. Crandall indicated that additional information from Vss tests should be provided by the NYISO. At present, the tested plant net MVAR output is provided. He indicated that other plant parameters at the time of test such as the MW levels should be included as well.

Mr. Waldele indicated that presently only portions of test data provided by the generating companies is transcribed. He further indicated it is presently a labor intensive effort and that providing additional information would only add to the transcription efforts. He ,in addition, felt that there may be some opposition by Market participants to providing this additional data.

After some discussion, the RRS requested that Mr. Crandall document this discussion in the context of an underlying reliability concern (AI 88-7). The RRS would then further consider this issue.

**3.2 NPCC Rules Revisions Update**

The NPCC Criteria Revision Tracking Summary table was reviewed.

Mr. Pappas will review the BPS System Protection Criteria ( A-5 ) for any comments and need for Rule changes.(AI 88-9)

### **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 the “Provide the Missing Measures & Compliance Elements –Draft 3” and he recommended a “yes” vote on Violation Risk Factors(VRFs).

Ted Pappas will provide comments on the System Personnel Training standard.(AI 88-8).

### **4.0 Additional Agenda Items**

Al Adamson indicated that NYSERDA has agreed to again host the RRS meetings in 2007. It was agreed the RRS meeting for July 2007 will be moved to June 28, 2007.

Mr. Adamson briefly discussed the Final Blackout Recommendations Status Report. This report summarizes the responses to the Recommendations contained in the Joint US-Canada Task Force, and completes the work of that Task Force. No action from the RRS is required at this time.

### **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 #88 was adjourned at 1340. The next meeting is scheduled for 0930 on Thursday, November 2, 2006 at the NYSERDA offices located at Columbia Circle, Albany, NY.