

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

***Minutes of Meeting #90***  
***RRS Meeting @ NYSERDA Offices***  
***17 Columbia Circle, Albany, NY***

***Thursday November 30, 2006***

**Attendance**

Roger Clayton ( Chair )	Electric Power Resources	Member
Al Adamson	Consultant	Member
Roy Pfleiderer	National Grid	Member
Ted Pappas	LIPA	Member
Jeff Crandall	NYSEG	Member
Larry Hochberg	NYPA	Member
Jack Alvarez	Con Ed	Member
Bob Waldele	NYISO	Member
Glenn Haake	IPPNY	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 conveyed that Don Raymond requested that the RRS consider the need for a new reliability rule on fuel diversity.

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

### **2.1 Approval of RRS Minutes #89**

The minutes of RRS Meeting #89 were approved as amended.

### **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 87-2** Mr. Clayton to inform the NYISO that PRR 85 was approved by the EC as a new rule. This item is ongoing. Roger Clayton questioned the need for this action item and indicated he will investigate its origin. Roger will review meeting minutes (AI -90-1).

**AI 87-5** RRS to monitor Reactive Power WG discussions on NERC Rules regarding Generation reactive capability.  
This item is ongoing.

**AI 88-1** Mr. Waldele to review NERC rules VAR-001,VAR-002 and **Mod-024& 025** with RRS ( Waldele )  
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 ongoing.

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

AI 88-8 Mr. Pappas to review NERC standard on System Personnel Training (Pappas)

This item is completed.

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

This item is ongoing.

AI 89-1 Mr. Crandall will develop the PRR to clarify/modify Rule B-M3.

( Crandall )

This item is completed.

AI 89-2 Mr. Clayton to help resolve outstanding issues and perhaps further modify PRR 86 ( Clayton )

This item is ongoing

AI 89-3 Mr. Pappas to provide comments to RRS on System Restoration Criteria ( A-12 ) ( Pappas )

This item is completed.

AI 89-4 Mr. Crandall to provide comments to RRS on Verification of Generator Gross and Net Real Power Capabilities ( A-13 ) ( Crandall )

This item is completed.

AI 89-5 The RRS is to review Mr. Campoli's proposed changes to the NYISO Transmission and Dispatch manual. ( RRS )

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 86 - Emergency Transfers and Planning Criteria (Waldele)**

The RRS again considered this PRR in some detail. The following summary of this discussion is provided :

Mr. Waldele indicated that the intention of this PRR was to align the NYSRC and NPCC transmission planning criteria. He also noted that recent discussions he has had with interested parties have indicated that there is still perhaps some concern with the contingencies being used for the calculation of emergency limits themselves ( “a”&“d” vs. “a”-“g”). This perhaps still needs to be addressed.

Mr. Pfleiderer noted that the NYSRC has posted for comments a change to A-R1 that will codify the NYISO practice of using emergency transfer limits in the design criteria for system resource adequacy. This will continue the use of emergency transfer limits to design the system. In addition, capital investments that result from system expansion through the CRPP process will utilize emergency transfer limits. Mr. Pfleiderer thus concluded there is a need to retain the identification of emergency transfer limits in the transmission planning process in the NYISO.

He noted that if there is a need to codify the contingencies the NYISO presently uses to calculate emergency voltage and system stability limits, the contingencies listed in **Rule B-R2.b.** ( Post- Contingency Voltage Criteria ) and **B-R3 a.2.** (System Stability-emergency transfers) could be changed.

Roger Clayton indicated that as RRS chair he will consider these items when EC again considers this topic.

**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).**

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 reviewed by EC and posted for comments.

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

The RRS briefly reviewed the proposed modifications to this PRR and suggested that before this is sent to RCMS, Jeff work with AI to restructure the proposed changes.

### **T&D Manual**

The RRS reviewed Mr. Greg Campoli's changes to the Introduction to NYISO T&D manual. Mr. Adamson reviewed his concerns he recently shared with Mr. Campoli. RRS members are to review this document and provide comments to AI by Monday December 4, 2006 ( AI -90-2 ). AI will review these comments again with Greg on Monday December 4, 2006 ( AI 90-3 ).

### **Blackout Report**

The RRS reviewed the draft blackout report dated November 11, 2006 prepared by AI Adamson. It was decided to send to EC. It was further recommended that this document be posted on NYSRC web page.

## **3.2 NPCC Rules Revisions Update**

The NPCC Criteria Revision Tracking Summary table was reviewed.

Criteria for Classification of BPS Elements (A-10)

Bob Waldele will provide comments for the next meeting. (AI -90-4)

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

Ted Pappas will provide comments for the next meeting. (AI -90-5)

Procedure for System Modeling: Data Requirements & Facility Ratings (C-29)

Larry Hochberg will provide comments for the next meeting. (AI -90-6)

## **3.3 NERC SARs /Standards**

NERC Reliability Standards Tracking Summary was reviewed.

The FAC 010-1, FAC 011-1, FAC 014-1 and Violation Risk Factors standards were specifically highlighted for discussion.

#### **4.0 Additional Agenda Items**

The RRS considered the need for a fuel diversity Rule. It was concluded that the NYSRC does not have jurisdiction over fuel diversity and that perhaps PSC or the New York State Legislature are the organizations that have the authority on this matter.

#### **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 #90 was adjourned at 1355. The next meeting is scheduled for 0930 on Thursday, January 4, 2007 at the NYSERDA offices located at Columbia Circle, Albany, NY.