

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

***Minutes of Meeting #91***  
***RRS Meeting @ NYSERDA Offices***  
***17 Columbia Circle, Albany, NY***

***Thursday January 4, 2007***

**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
John Adams	NYISO	Member
Hebert Joseph	DPS	Member
Ed Schrom	DPS	Member
Mayer Sasson	Con-Ed	Guest
Tim Bush	Navigant	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**

Ted Pappas requested that the RRS briefly revisit the conclusions reached at the last RRS meeting regarding the need for new reliability rule on fuel diversity. Ted also requested a moment to introduce his RRS alternate member.

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

### **2.1 Approval of RRS Minutes #90**

The minutes of RRS Meeting #90 were approved with minor grammatical 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 ) 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. Roger Clayton questioned the need for this action item and indicated he will investigate its origin. Roger will review meeting minutes (AI -90-1).

This item is completed.

**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 completed.

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

This item is ongoing.

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

This item is completed.

AI 90-1 Roy Pfleiderer and Roger Clayton will review meeting minutes for origin of AI 87-2

This item is completed.

AI 90-2 RRS to review proposed Introduction to NYISO T&D manual.

This item is completed.

AI 90-3 Al Adamson will review his concerns with proposed Introduction to NYISO T&D manual with Greg Campoli ( Adamson )

This item is completed.

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

This item is ongoing.

AI 90-5 Ted Pappas will provide comments on Procedure for Testing and Analysis of Extreme Contingencies (C-18) ( Pappas )

This item is completed.

AI 90-6 Larry Hochberg will provide comments on Procedure for System Modeling: Data Requirements & Facility Ratings (C-29) ( Hochberg )

This item is completed.

AI 90-7 Roy Pfleiderer to provide Roger Clayton with RRS 2006 minutes for Web Site posting ( Pfleiderer )

This item is completed.

### **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 again considered this PRR in some detail. Dr. Mayer Sasson presented Con Ed's position on determining Emergency Transfer Limits for Planning and Operating Studies.

In summary, Con-Ed's position is that the full NYSRC list of contingencies ("a"-“g”) should not be used to determine emergency transfer limits in Transmission Planning Studies and Resource Planning Studies. It is Con-Ed's position that the full list of contingencies have a low probability of occurrence. Including all seven event types would thus be overly pessimistic when applied to emergency transfer limits. Therefore the existing NYSRC criteria should remain unchanged in this regard.

Dr. Sasson requested that the RRS allow him to contact other transmission owners (TOs) in New York for their position on this matter. ( **AI 91-1** )

The RRS thus agreed to table this PRR until the next meeting scheduled for February 1, 2007. The RRS also requested that Dr. Sasson provide material to support the argument that events on the full contingency list have a relatively low probability of occurrence. ( **AI-91-2** )

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

**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 posted by EC and no comments were received. The RRS thus recommends this PRR be sent to EC for approval.

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

The RRS reviewed the proposed modifications and will send it on to the RCMS for the compliance elements.

### **3.2 NPCC Rules Revisions Update**

The NPCC Criteria Revision Tracking Summary table was reviewed with the following highlights:

Criteria for Classification of BPS Elements (A-10)

Bob Waldele provided an overview of issues surrounding the development of this criteria document. Comments are due by Monday January 8, 2007 ( **AI 90-4**). He will submit comments by this deadline.

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

Ted Pappas reviewed the document (**AI -90-5**) and reported that this document requires that transfer levels be tested to at least 75% of historical or expected maximum transfers. He noted this is more specific than that presently specified in NYSRC criteria. The RRS thus requested that Ted prepare a template that would bring the NYSRC criteria into alignment with this procedure. ( **AI-91-3** )

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

Larry Hochberg reviewed this document (**AI -90-6**) and indicated no changes are required to NYSRC as a result of his review.

### **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 as well as VAR001-1, VAR002-1, MOD-024-1 and MOD-025-1 were specifically highlighted for discussion.

#### **Determine Operating Limits [ FAC 010-1, FAC 011-1, FAC 014-1]**

These standards were adopted by the NERC BOT on 11/1/06 and sent to FERC for approval.

#### **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. NYSRC submitted comments on the Version 1 VRF segments on 12/1/06.

#### **VAR-001-1,VAR-002-1,MOD-024-1 & MOD-25-1**

Bob Waldele provided copies of these standards as well as a draft white paper entitled “Review of Power Factor Tariff Compliance” which had been previously provided to and discussed by the NYISO Reactive Power Working Group.

The salient features of these standards were briefly reviewed. Jeff Crandall noted that MOD-025-1 section B.R1.5.1 of this standard requires generator real and reactive ( lead and lag ) capabilities to be verified at seasonal Real Power capabilities ( 100 % DMNC). It was noted this differs from NYISO VSS verification requirements which specifies generator reactive capabilities verified at 90 % DMNC levels.

Roger Clayton requested that Mr. Waldele continue to monitor NERC standards and NPCC implementation of them with the objective to examine the need to change the NYSRC rules. ( AI 91-4)

## **4.0 Additional Agenda Items**

### **Mr. Ted Pappas requested that the following items be considered :**

1. Ted requested the RRS briefly review the potential need for a fuel diversity rule which was considered at the last meeting.

After a brief discussion, it was again concluded that the NYSRC does not have the jurisdiction over fuel diversity and that perhaps the PSC or the New York State legislature are the organizations that have the authority on this matter.

2. Ted announced that Mr. Jon Appelbaum will now be his alternate for the RRS.

## **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 #91 was adjourned at 1417. The next meeting is scheduled for 0930 on Thursday, February 1, 2007 at the NYSERDA offices located at Columbia Circle, Albany, NY.