

***Meeting of the  
New York State Reliability Council, L.L.C. (NYSRC)  
Reliability Rules Subcommittee (RRS)***

***Final Minutes of Meeting #98  
RRS Meeting @ NYSERDA Offices  
17 Columbia Circle, Albany, NY***

***Thursday, August 2, 2007***

Attendance

Roger Clayton	Electric Power Resources (Chair)	Member
Robert Waldele	NYISO	Member
Roy Pfleiderer	National Grid	Member
Jack Alvarez	Con Ed	Member
Ted Pappas	LIPA	Member
Jon Appelbaum	LIPA	Member
Jeff Crandall	NYSEG	Member
Robert Pike	NYISO	Guest
Mike Caufield	Alcoa	Guest
Alice Jackson	Occidental Chemical	Guest
Robert Loughney	Couch White, LLC, for Multiple Interveners	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**

There were several requests for additional agenda items. These items are reported in Section 4.

**2.0 Meeting Minutes/Action Items**

**2.1 Approval of RRS Minutes #97**

The draft minutes of RRS Meeting #97 were approved as final 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 )  
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 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 83-8 Review RFC and ISO-NE Criteria, Rules and Standards ( RRS)  
This item is ongoing.

AI 84-1 Complete PRR 84 following NPCC approval of A-3.  
This item is ongoing.

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

AI 88-5 RRS to monitor Wind Generator Structural Performance for PRR application. (RRS) This item is ongoing.

AI 91-4 Mr. Waldele to monitor NERC standards MOD-024,MOD-025,VAR-001 & VAR-002 and the NPCC implementation of them with the objective to examine the need to change the NYSRC rules; these standards will be discussed at the NYISO RPWG.  
( Waldele )  
This item is ongoing.

-AI 93-2 Ted Pappas will review System Restoration Criteria (A-12) for potential rule changes ( Pappas)  
This item is ongoing.

AI 94-3 John Adams report on the NYISO's position on issues brought forth in NYPA's presentation on Loss of Generator Gas Supply. ( Adams )  
This item is ongoing.

AI 94-7 Ted Pappas to propose changes to NYSRC Rules to help clarify "(N-1)-1" issue ( Pappas).  
This item was referred to RCMS and this action item is closed.

AI 94-10 RRS to consider criteria for granting exceptions to Reliability Rules  
This item is ongoing

AI 95-5 Al Adamson to update the present Reliability Rule Exceptions list using as a template the list presently found in the T&D Operations manual Appendix B-2.

(Adamson)

This item is completed.

AI 96-1 Roger Clayton to ask John Adams the status of action item 94-3 (Clayton)

This item is completed.

AI 96-2 Roger Clayton to bring to E.C. proposed rule change PRR93 noting the suggested addition of B-5 in the Cross Reference Table (Clayton)

This item is completed.

AI 96-3 Roger Clayton to report to E.C. on RRS findings to Couch & White NYRI memo (Clayton)

This item is completed.

AI 96-4 Roger Clayton to propose to E.C. the blending of T&D list with NYSRC List (Clayton)

This item is completed.

AI 96-5 Al Adamson to provide additional information regarding need for membership on NPCC CBRE. (Adamson)

This item is completed.

AI 96-6 Al Adamson to provide a re-draft of the revision to Policy No. 1-3. (Adamson)

This item is completed.

AI 96-7 Al Adamson to provide comments on NYISO draft TB159 by June 1, 2007.

(Adamson)

This item is completed.

AI 97-1 Larry Hochberg will ask Mr. Scott Brown to make his presentation at the next EC meeting.

This item is completed.

AI 97-2 Roger Clayton will contact Mr. Don Raymond to add Mr. Scott Brown's presentation to the next EC meeting agenda.

This item is completed.

AI 97-3 Al Adamson to revise Policy 1-4 for further discussion. (Adamson)

This item is completed.

AI 97-4 RRS to review the last Policy 1-4 revision and provide comments to Al Adamson by July 6, 2007. (RRS)

This item is completed.

AI 97-5 RRS to review the modified Reliability Rule Exceptions List (RSS)

This item is completed.

AI 97-6 Roger Clayton to indicate to Mr. Gioia that the RRS agrees with the present wording of TB 159 (Clayton)

This item is completed.

AI 97-7 Mr. Robert Pike to send to RRS a copy of the Texas PUC report on controllable load as resource reserves ( Pike)

This item is completed.

AI 97-8 Mr. Robert Pike to present to RRS further discussion of the implementation of the controllable load market. ( Pike)

This item is completed.

AI 97-9 Roger Clayton to bring to the EC the issue of controllable load as resource reserve market. (Clayton)

This item is completed.

AI 97-10 RRS member to review the proposed PRR by Mr. Pike and provide comments by July 13,2007

This item is completed.

AI 97-11 Al Adamson to contact NPCC regarding the NERC data request. ( Adamson)

This item is completed.

AI 97-12 Bob Waldele to further discuss at the next RRS meeting the NERC data request

This item is completed.

AI 97-13 Mr. Alvarez and Mr. Waldele to present a discussion at the next RRS meeting for the possible need of a PRR for I-R4

Jeff Crandall reported that several items need to be resolved between the NYISO and Con Edison before further consideration can be given for a PRR. Action at this point may be premature and if appropriate it will be examined at future date. This item was thus closed.

AI 97-14 Al Adamson to assemble a list of examples of “administrative” changes to Rule manual for Roger to discuss at the next EC meeting.

This item is completed.

The following action items resulted from these meeting discussions:

AI 98-1 Mr. Alvarez to contact Mayer Sasson for documentation supporting the need to grandfather Reliability Rule Exceptions due to contractual obligations. (Alvarez)

AI 98-2 Roger Clayton agreed to contact Paul Goia on the need to grandfather Reliability Rule Exceptions due to contractual obligations. (Clayton)

AI 98-3 Mr. Waldele to review the wording of Rule #17 and #18 of the Reliability Rule Exception List. (Waldele)

AI 98-4 RRS members to provide Roger Clayton with their concurrence with the Reliability Rule Exception List prior to the next meeting. (RRS)

AI 98-5 Roger Clayton will discuss with Mr. George Loehner and Mr Paul Goia the need to provide tools for compliance measurement of “(N-1)-1” testing. (Clayton)

AI 98-6 Mr. Waldele to provide a discussion on the studies which the NYISO conducts that may be used to indicate compliance with the “(N-1)-1” criteria. (Waldele)

AI 98-7 Al Adamson is asked to provide clarification on Procedures for Monitoring and Reporting Critical Operating Tool Failures (C-17) (Adamson))

AI 98-8 Mr. Ted Pappas indicated that he will notify Al Adamson that reference to NPCC “B-5” needs to be incorporated into NYSRC Rule G System Restoration. (Pappas)

AI 98-9 RRS members to review FAC-008-2 Facility Ratings and provide comments to directly to Mr. Greg Camploi. (RRS)

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

This PRR was approved at the last EC meeting.

**PRR 91 B-R4 Extreme Contingency Assessment (Pappas)**

This PRR was approved at the last EC meeting.

**PRR 92 G-M1: Procedures for implementing a NYCA SRP**

This PRR was approved at the last EC meeting.

**PRR 93 D-R3: Availability and Category of Operating Reserves & I-R2: Locational Reserves (New York City)**

RRS agreed to send to RCMS for review. RRS will continue to discuss proposed changes to the existing reliability rules.

**PRR 94 Review of Exceptions to the NYSRC Reliability Rules**

The RRS approved to send to RCMS and the EC for posting.  
See the discussion of PRR # 94 below.

### 3.1 ( Continued )

#### NYSRC Policy 1-4 revision - Exception Criteria

The RRS conducted a review of the latest revision to this policy prepared by Al Adamson dated July 6, 2007 (with comments by Paul Goia's comments, dated July 26, 2007).

Mr. Alvarez indicated that existing items on the Reliability Rule Exception List may need to be grandfathered due to contractual agreements between the Transmission Owners and the NYISO and NYSRC. The RRS requested that Mr. Alvarez contact Mayer Sasson for documentation to support this assertion. **(AI 98-1)**. Roger Clayton agreed to contact Paul Goia on this item as well. **(AI 98-2)**

After additional discussion the RRS approved the Policy 1-4 revisions and agreed to forward this policy to the EC for approval.

#### Review of Rule Exception lists

The RRS reviewed a modified Reliability Rule Exception List which blended features found in the NYSRC Rules as well as those published in the NYISO T&D manual.

Mr. Waldele recommended that the wording of Rule #17 and #18 be reviewed and agreed to provide this review for the next meeting. **( AI 98-3)**

Con-Ed requested more time to review this list. All RRS members were again asked to review the list by the next meeting. Roger Clayton requested concurrence with this list be forwarded to him prior to the next meeting. **(AI-98- 4)**

#### PRR #94 Template – Review of Exceptions to the NYSRC Reliability Rules

The RRS reviewed the PRR 94 template. After some discussion it was decided to change the proposed wording of new rule E-R10. It was agreed to change E-R10 to read: "An exception list shall be established and maintained." With this modification it was agreed to send this draft PRR the EC for consideration to post for comments.

### “(N-1)-1” Discussion

The RRS considered the “(N-1)-1” criteria in the context of NYISO planning process and NYSRC compliance verification.

Roger Clayton reported that the New England ISO is considering applying the “(N-1)-1” testing to “longer term” outages such as those associated with cables, PARs and transformers.

Mr. Jon Appelbaum indicated that although the NYSRC Reliability Rules indicate that the system shall be planned on an “(N-1)-1” basis the RCMS may not have tools to measure compliance with this criteria. Roger Clayton will discuss with Mr. George Loehr and Mr Paul Goia the need to provide tools for compliance measurement. ( **AI 98-5** )

The RRS discussed the studies which the NYISO conducts that may be used to indicate compliance with the “(N-1)-1” criteria. Mr. Waldele agreed to provide a discussion on this matter at the next meeting. ( **AI-98-6** ).

### Load as Capacity Resource

Mr. Robert Pike of the NYISO presented a Power Point outline entitled “Demand Side Resources Providing Ancillary Services” August 2, 2007 for the RRS. The presentation included an update of related Demand Side Resource activities and an outline of the NYISO Visibility of Resources in this program. Guests from Occidental Chemical and Alcoa answered questions posed by the RRS.

Mr. Alvarez expressed concern with starting a new program without first gaining some experience perhaps with a pilot program as did ERCOT. The NYISO reported that the cost and complexity of implementing such a pilot program would be prohibitive.

The RRS reviewed details of what NYISO would expect of a participant’s load response capability in this market. For discussion purposes, an example was used of a participant providing a 10 MW response at a point in time when the participants demand was 100 MW. It was agreed that the load must not only demonstrate a change of 10 MW within a 10 minute interval but also maintain a level at or below 90 MW for the duration of the event. Roger Clayton requested that a graph depicting this example be included in future presentations to the RCMS and EC.

### PRR 93 Revisions to Operating Reserve Resource Reserves Eligibility

The RRS reviewed the NYISO’s PRR 93 template and proposed modifications to Section D - Operating Reserves and to Section I - Local Reliability Rules.

Mr. Alvarez expressed concern that the proposed changes should not be incorporated into I-R2 because the local reliability rule is specific about maintaining operating reserve on NYC generators. The RRS requested that Mr. Alvarez provide the technical basis for Con Ed’s request specifically showing how this may adversely impact reliability.

The RRS agreed to forward the PRR 93 template to RCMS for review.

## **NYSRC Manual Version History**

The RRS briefly reviewed the Manual Version History provided by Al Adamson dated 7/13/07.

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

The NPCC Criteria Revision Tracking Summary table was reviewed. There were no extensive discussions of topics related to these items.

Procedures for Monitoring and Reporting Critical Operating Tool Failures (C-17)  
Al Adamson is asked to provide clarification on this matter. **(AI98- 7)**

BPS System Protection Criteria (A-5), 2<sup>nd</sup> Draft (Pappas)

Mr. Ted Pappas indicated that he will notify Al Adamson that reference to NPCC “B-5” needs to be incorporated into NYSRC Rule G System Restoration. **(AI 98-8)**

### **3.3 NERC SARs /Standards**

The NERC Reliability Standards Tracking Summary Table was reviewed.  
The item below was highlighted for discussion.

FAC-008-2 Facility Ratings

Mr. Waldele indicated that TOs should review this document and provide comments to directly to Mr. Greg Campoli. (AI-98-9)

### **4.0 Additional Agenda Items**

The following additional agenda items were discussed.

#### **4.1 NYSRC Code of Conduct forms**

Roger Clayton discussed the need for RRS members to review the NYSRC Code of Conduct recently provided. He requested that the Acknowledgement Form be completed and forwarded directly to him. Mr. Roy Pfliegerer and Mr. Jack Alvarez presented Roger Clayton their signed copy of the Acknowledgement Form at the meeting.

#### **4.2 Transfer of responsibility of RRS Meeting Secretary**

Mr. Pfliegerer indicated that he feels he has fulfilled his tenure as RRS Meeting Secretary and requested that a successor be named by the next meeting.

## **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 #98 was adjourned at 1415. The next meeting is scheduled for 0930 on Thursday, September 6, 2007 at the NYSERDA offices located at Columbia Circle, Albany, NY.