

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

***Final Minutes of Meeting #103  
RRS Meeting @ NYSERDA Offices  
17 Columbia Circle, Albany, NY***

***Thursday, January 3, 2008***

**In Attendance:**

Roger Clayton	Electric Power Resources (Chairperson)	Member
Robert Waldele	NYISO	Guest
Ted Pappas	LIPA (acting Secretary)	Member
Betty Law	Con Edison	Member
Larry Hochberg	NYPA	Member
Brian Gordon	NYSEG	Member
Al Adamson	Consultant	Member
Herbert Joseph	DPS	Member
Roy Pfleiderer	National Grid	Member
Dean Ellis	NYISO	Guest
Peter Carney	NYISO	Guest
Jonathan Appelbaum	LIPA	Guest

**Agenda Items**

**1.0 Introduction**

The meeting was called to order by Mr. Clayton at 0930.  
Mr. Clayton announced that Mr. Pappas would be acting Secretary through February.  
Effective in March, Ms. Law will become RRS Secretary.

**1.1 Executive Session**

No Executive Session was requested.

**1.2 Requests for Additional Agenda Items**

The following additional agenda items were requested:

- 1.1 Discussion of data generators should report to the NYISO (see discussion in section 4.2)
- 1.2 Reliability Rules Manual (see discussion in section 4.3)
- 1.3 BPS Facilities List (see A-10 discussion in section 3.2)
- 1.4 RRS Roster Update (see discussion in section 4.4)

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

### **2.1 Approval of RRS Meeting #102 Minutes**

The minutes of RRS Meeting #102 were approved as final. Mr. Pappas will distribute the approved final minutes.

### **2.2 Action Items List**

The following Action Items were reviewed,

**AI 43-1** Monitor progress of NYISO investigation of governor response (PRR 52)  
(Waldele)

See section 3.1 discussion of PRR 52.

**AI 43-9** Monitor the potential need to revise definition of NYS Bulk Power System  
(Waldele)

See section 3.2 discussion of NPCC A-10

**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)

See section 3.1 discussion of PRR 52.

**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 (Pappas)

There was nothing new to report on this item. Awaiting approval/posting of A-3 or its derivative document.

**AI 87-5** RRS to monitor Reactive Power WG discussions on NERC Rules regarding generator reactive capability (RRS)

There was nothing new to report on this item.

**AI 88-5** RRS to monitor Wind Generator Structural Performance for PRR application (RRS)

There was nothing new to report on this item.

**AI 93-2** Ted Pappas will review System Restoration Criteria (A-12) for potential rule changes (Pappas)

There was nothing new to report on this item. Awaiting approval/posting of A-12 or it's derivative document.

**AI 101-1** Ms. Strauss will provide additional data and commentary on wind turbine failure incidents from available 'industry sources.

There was nothing new to report on this item.

**AI 101-5** Mr. Hochberg will discuss with NYPA the sponsorship of a new PRR which will require a 'loss of gas' contingency study in the planning horizon.

This item is closed. Any additional action will be discussed by RRS after the NYISO completes a study on this topic.

**AI 102-1** Draft a letter for the EC to send to the NYISO requesting a study of the impact of environmental regulations on reliability (Clayton)

EC said they would ask the NYISO directly. This item is closed.

**AI 102-2** Request that Mr. Pete Carney give a presentation to the RRS on environmental issues and their potential impact on reliability needs (Clayton)

Mr. Carney attended meeting 103. See section 4.1 for details. This item is closed.

**AI 102-3** Review frequency response rules for other area and determine the need for a NYSRC rule (Pappas)

This item is ongoing.

**AI 102-4** Review the new draft of A-4, Maintenance Criteria for BPS Protection (Law)

This item is closed. See section 3.2.

**AI 102-5** Review with the EC the process for informing market participants of new approved rules and changes to rules (Clayton)

Mr. Clayton discussed this with the EC. The existing process of informing Market Participants via the NYISO Tie List was deemed adequate and will continue to be followed. This item is closed.

### **3.0 NYSRC Reliability Rules (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)

The next RPWG meeting is scheduled for January.

#### **PRR 52** Generator Governor Response (Waldele)

NPCC SS38 is completing a revised draft on Underfrequency Load Shed (UFLS). The new report includes governor performance sensitivities. There is the potential for more conservative UFLS set points in terms of both frequency setting and amount of load shed required.

#### **PRR 84** Revision to F-R8 Operations during major emergency (Pappas)

Awaiting approval/posting of A-3 or its derivative document.

#### **PRR 94** Review of Exceptions to the NYSRC Reliability Rules (Adamson)

The EC approved this as final at the 12/14/07 meeting.

#### **PRR 95** Modification of System Restoration Measurements G-M2 and G-M5 (Appelbaum)

The EC approved this for posting at the 12/14/07 meeting. Comments are due 2/1/08. Mr. Clayton will also make a presentation to the EC on this PRR.

### 3.2 NPCC Rules Revisions Update

The NPCC Criteria Revision Tracking Summary table was reviewed.

A-4, Maintenance Criteria for BPS Protection, was reviewed by Ms. Law. She will post comments on the NPCC site (**AI 103-2**) and also review the NYSRC rules for potential changes associated with the draft A-4 (**AI 103-3**).

A-13, Verification of Generation Gross and Net Real Power Capacity, and A-14, Verification of Generation Gross and Net Reactive Power Capacity, were reviewed by Mr. Gordon. He had no comments and will now review the NYSRC rules for potential changes associated with the new drafts (**AI 103-6**).

In association with A-10, Criteria for Classification of BPS Elements, Mr. Waldele presented the initial classification of NY area facilities using the A-10 methodology. This list is smaller than the existing list of BPS facilities. This list still needs to be approved by NPCC TFSS. It should be noted that it is a list of facilities and not elements. A discussion ensued about the need for additional NYSRC rules and/or definition changes. All agreed that the NERC definition was a bright line definition and that NERC allowed deviations from this definition by the regions as long as their definition of BPS was based on an applied methodology. NPCC developed the A-10 methodology. Mr. Waldele asked if we need a new rule or definition to assure that a disturbance in one NYISO area does not have an adverse impact on another NYISO area. Other options discussed were the elimination of the definition of NYS BPS and the addition of a definition for a “NYISO secured and monitored facilities. RRS members will review these items and be prepared to discuss the various options at the next RRS meeting (**AI 103-1**). Mr. Clayton asked that RRS members treat the facilities list as confidential energy infrastructure information until further notice.

Mr. Adamson described how NPCC is transferring their “A” documents, except A-7 (Definitions), and maybe others into documents titled “directories”. These Directory documents, once completed, will allow NPCC to show consistency with NERC Standards in an efficient and FERC/NERC approved manner. For example, A3 and A12 will become directories 2 and 8, respectively. All or part of some “A” documents will also become regional standards and will be enforceable by NERC.

### 3.3 NERC SAR /Standards Update

The NERC Reliability Standards Tracking Summary Table was reviewed.

The latest draft of a SAR for PER-003, Certifying System Operators, was issued for comments. Mr. Pappas agreed to perform the review (**AI 103-4**). Mr. Adamson asked that Mr. Pappas provide any comments to him prior to his NPCC RSC meeting on Jan. 16. Mr. Pappas agreed.

## **4.0 Additional Agenda Items**

### **4.1 RGGI and HEDD Discussion**

Mr. Pete Carney of the NYISO provided an overview of the RGGI and HEDD issues and their potential impact on reliability. Mr. Carney stated that from an RNA perspective, RGGI should not have a large impact on reliability assuming that a large number of allowances do not leave New York. New York's available allowances exceed the generators' requirements by over 20%. There could be a detrimental impact if more than the 20% cushion is purchased by outside entities since there are limited options to address this situation at the present time. The analysis was performed without respect to price. The allowances are owned by the State of New York and will be auctioned through NYSERDA. The NYISO will review 2007 data to estimate the impact of the Loss of Gas/Min Oil Burn (LOG/MOB) rule on carbon output. With the results of this analysis the presentation to the EC will be revised.

HEDD may be more problematic in general and specifically in relation to LOG/MOB. New York will need to reduce NOX emissions by 50 tons a day (out of a daily output of about 400 tons a day) on the HEDD days. This is an issue since many of the impacted areas are load pockets.

RRS did identify an underlying issue. The NYSRC is tasked with making rules to assure the reliability of the NYS Electric System. The environmental agencies are making rules that could be detrimental to the electric system reliability. Mechanisms may need to be developed to prevent a clash between the two.

### **4.2 Updating of Generator Information**

RRS reviewed C-M9 and C-M11 and agreed that the intent was to have the generators provide updated generator parameters to the local TO and the NYISO when parameter changes occur in accordance with NYISO data reporting time requirements. There is concern that this not occurring, at least in some cases. Mr. Pappas suggested that any data provided to perform an SRIS be updated or validated on a regular basis. RRS stated that this is a compliance issue. RCMS will be reviewing NYISO and MP related compliance issues for C-M9 and C-M11 at its next meeting.

### **4.3 Reliability Rules Manual**

Mr. Adamson reported that version 21 of the manual was issued. Mr. Adamson also requested that the reference portion of each section be eliminated since most of the information is included in Table III. Any information not already in Table III will be added to the table prior to eliminating the reference portion of each section. RRS agreed.

### **4.4 RRS Roster**

Prior to the meeting Mr. Pappas issued a roster and asked for updated information. Mr. Clayton also suggested that each represented organization supply an alternate, if possible. RRS members are to provide updates to Mr. Pappas by 1/25/08 (AI 103-5).

## **5.0 Committee Reports**

### **5.1 NYSRC EC Report**

EC items were covered above. Minutes of NYSRC EC meetings are available at <http://www.nysrc.org/committees.asp>

### **5.2 ICS Report**

The IRM report as approved with a 15% base case IRM. The EC approved the 15% IRM with no adder. Minutes of NYSRC ICS meetings are available at <http://www.nysrc.org/committees.asp>

### **5.3 NYSRC RCMS Report**

The 2007 program is complete. Steve Fanning is the new Chairperson. Minutes of NYSRC RCMS meetings are available at <http://www.nysrc.org/committees.asp>

## **6.0 Next Meeting**

Meeting #103 was adjourned at 1450. The next meeting (#104) is scheduled for 9:30 a.m. on Thursday, January 31 at the NYSERDA offices located at Columbia Circle, Albany, NY.