

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

***Minutes of Meeting #110  
RRS Meeting @ NYSERDA Offices  
17 Columbia Circle, Albany, NY***

***Thursday, July 31, 2008***

**In Attendance:**

Larry Hochberg	NYPA	Member
John Adams	NYISO	Member
Al Adamson	Consultant	Member
Roy Pfleiderer	National Grid (Acting Chairman)	Member
Henry Wysocki	Con Edison	Member
Jonathan Appelbaum	LIPA	Member
Brian Gordon	NYSEG (Secretary)	Member
Dean Ellis	NYISO	Member
Rick Vara	NYISO	Guest
David Mahlmann	NYISO	Guest
Christopher de Graffenried	NYPA	Guest (phone until connection dropped)
Edward Schrom	NYSDPS	Member (phone until connection dropped)

\* Denotes part time attendance.

**Agenda Items**

**1.0 Introduction**

Meeting 110 was called to order by Mr. Pfleiderer at 09:30.

**1.1 Executive Session**

No Executive Session was requested.

**1.2 Requests for Additional Agenda Items**

Item 4.1 was reserved for the Frequency Response Presentation by Mr. Ellis and Mr. Vara. A review of the list of facilities that apply to the NYSRC was reserved for item 4.2. Review of NYSRC Policy 6-0 was reserved for item 4.3.

**2.0 Meeting Minutes/Action Items**

## **2.1 Approval of RRS Meeting #109 Minutes**

The minutes of RRS Meeting #109 were approved with changes as final.

## **2.2 Action Items List**

The following Action Items were reviewed:

**AI 43-1** Monitor process of NYISO investigation of governor response PRR52

Discussion is planned for later this meeting.

**AI 43-9** RRS to monitor need to revise definition of NYS Bulk Power System

Discussion is planned for later this meeting.

**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

Remove reference to PRR 53 and add reference SS38 for the title of action item because the PRR will not be required for underfrequency load shedding.

**AI 108-1** Mr. Ellis will work with Mr. Gordon to revise PRR 96 and transmit to next RR manual version.

Discussion will occur later this meeting. Change status to next meeting.

**AI 108-3** Confirm appropriate NYISO facility list that applies to each NYSRC rule and methodology for developing each list.

Discussion will occur later this meeting. Change status to the next meeting.

**AI 109-1** C37, C38, and C42 will be sent to Chairman.

Change the status to a closed because it was completed.

**AI 109-2** Reliability impacts on Climate Change

Change the status to the next meeting date.

## **3.0 NYSRC Reliability Rules (RR) Development**

### **3.1 List of Potential RR Changes**

RRS reviewed the list of potential rule changes.

PRR 96 Align measurements with revisions to NPCC

Change the title to “Verification Testing of Resource Capacity (C-R1)”. Mr. Ellis reviewed NYISO changes to the PRR 96 with the RRS. Mr. Ellis will check with NYISO staff concerning NERC MOD 24 and MOD 25 language to determine if additional information about gross, net, and station service reporting requirements should be added to the reliability rule. (AI 108-1)

#### PRR 97 List of NYS Bulk Power System Facilities

Mr. Adamson requested PRR 97 to be reserved for a future PRR that would revise B-R6 and B-M4 reliability rules concerning the list of NYS Bulk Power System Facilities.

#### PRR 98 Transmission Assessment

Mr. Adamson requested PRR 98 to be reserved for a future PRR to be drafted by RCMS to expand the present transmission assessment rule (K-M2-A) by specifically including the actual requirements. RCMS reviews compliance for transmission assessment and has determined that specific items should be identified in the rule.

### **3.2 NPCC Criteria**

#### NPCC Criteria Revisions

NPCC is revising A-10. This may be the first NPCC regional standard going forward.

Directory #3 has been approved by NPCC on July 11, 2008.

New procedures C-37, 38, and 42 do not require rule change and comment period is still open.

Directory #8 (old A-12) on System Restoration is up for comments until August 11. No rule changes projected because it is incorporating existing A-12.

Mr. Adamson will be providing comments on B-8 Area Review of Resource Adequacy with the assistance of NYISO staff.

### **3.3 NERC Standards**

#### NERC Standard Tracking

FAC 011 second draft has not yet been sent out for comment.

MOD 1, 8, 28, and 30 have now passed.

IRO-007, 8, 9, and 10 have all passed.

NPCC provided comments on System Personnel Training PER 004-1.

Critical Infrastructure Protection Standards CIP had some revision to violation risk factors.

## **4.0 Additional Agenda Items**

### **4.1 Frequency Response Presentation**

Mr. Vara and Mr. Ellis presented to the RRS their findings on unit frequency response. Governor response has been declining in the last ten years. A given power loss on the eastern interconnection yields larger frequency deviations. Generally, nuclear units exhibit little governor response, hydro exhibit significant response, and fossil plants exhibit various level of governor response. Of the events studied, the NYISO response has been very close to the anticipated unit response and has not over or under responded to large power contingencies within the governor timeframe of 5 to 30 seconds. More research is needed to examine all factors involved in the total unit response (governors, EMS, AGC, and base points). Need an interconnection wide standard, guideline, or criteria to address the frequency response issues in the interconnection. Group to review frequency response SAR (AI 110-1)

### **4.2 Review of the List of Facilities that Apply to the NYSRC**

Mr. Ellis presented to the group a paper that included the present NYSRC definitions of a power / transmission systems and list of rules and which definition would apply. In the discussion, it was recognized that each occurrence of Bulk Power System in the reliability rules would have to be connected to the proper terminology (ATR list, A-1, A-2, etc.). Carol Lynch will be requested to highlight each occurrence in the Reliability Rules for consideration. (AI 110-2)

### **4.3 NYSRC Policy 6-0**

Mr. Adamson reviewed the background and the original need to have Policy 6-0. Prior to the federal energy legislation in 2005, there was a question whether NERC would support regional or sub-regional reliability rules that were more stringent than NERC standards. This legislation has allowed for entities to have more stringent standards with the "NY carve out" specifically mentioned. Mr. Adamson wants the RRS to review Policy 6-0 for discussion at the next meeting to determine the need to retain the policy. (AI 110-3)

## **5.0 Committee Reports**

### **5.1 EC meeting**

No report.

### **5.2 ICS Report**

The base case assumptions were finalized except for the RGGI model. For the next meeting, Mr. Carney will report the RGGI requirements for consideration in the base case model. Executive committee is meeting next week to approve the environmental model.

### **5.3 RCMS Report**

The generator owner found in non-compliance of providing GADS data properly to the NYISO, has accepted the letter of non-compliance.

## **6.0 Next Meeting**

Meeting #110 was adjourned at 01:41.

The next meeting (#111) is scheduled for Thursday, September 4, 2008 at 9:30 in the NYSERDA offices located at Columbia Circle, Albany, NY.