

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

***Minutes of Meeting #106  
RRS Meeting @ NYSERDA Offices  
17 Columbia Circle, Albany, NY***

***Thursday, April 3, 2008***

**In Attendance:**

Roger Clayton	Electric Power Resources (Chairman)	Member
Ed Schrom	Public Service Commission	Guest
Larry Hochberg	NYPA	Member
Brian Gordon	NYSEG (Secretary)	Member
Al Adamson	Consultant	Member
Roy Pfeleiderer	National Grid	Member
Henry Wysocki	Con Edison	Member
Dean Ellis	NYISO	Member
Pete Carney	NYISO	Guest

**Agenda Items**

**1.0 Introduction**

Meeting 106 was called to order by Mr. Clayton at 09:30.

**1.1 Executive Session**

No Executive Session was requested.

**1.2 Requests for Additional Agenda Items**

No additional agenda items were requested.

**2.0 Meeting Minutes/Action Items**

**2.1 Approval of RRS Meeting #105 Minutes**

The minutes of RRS Meeting #105 were approved with changes as final. Mr. Gordon 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) (Ellis)

Mr. Ellis reported that a completed statewide governor survey was presented to SOAS two meetings ago. Mr. Ellis will send summary results to Mr. Clayton for posting. Governor survey information was received on 30 GW out of 40 GW of installed generation in New York. Requested response from generation units over 20 MW; therefore, an 80% rate of response is very good (AI 105-1)

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

This is an ongoing process in conjunction with the NPCC A-10 work. Mr. Adamson is researching rule revision where NYS Bulk Power is mentioned. Executive Committee is concerned that progress is not being made on this item. NPCC has the NYISO list of Bulk Power busses and we should not expect a formal acceptance of this list from NPCC. Work on the BPS definition is progressing.

**AI 52-1** Based on the results of post 8/14 studies determine if new/revised rules are required regarding definition of areas and tripping times on UFLS relays. (PRR52) (Ellis)

TFSS and SS38 are in the next stage of under frequency load shedding evaluation. A report will be submitted to NPCC RCC by November.

**AI 84-1** Complete PRR 84 following NPCC approval of A-3 (Pappas)

There was nothing new to report on this item.

**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, a Reactive Power Working Group meeting is scheduled for 4/4/2008.

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

Ongoing.

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

This item is ongoing. This was a factor in ERCOT disturbance.

**AI 103-1** Review BPS facilities list and the group should be prepared to discuss rule and/or definition options (RRS)

This item should be closed due to progress from last meeting.

**AI 104-4** Draft and send out to RRS a PRR template to modify B-M4 in accordance with NYISO requirements (Ellis)

Bulk Power System definition discussion should be resolved before addressing this item. Item is still open for resolution on 5/1/2008.

**AI 104-5** Determine / send NYISO personnel to provide overview of NYISO system data collection procedures (Ellis) (C-M9)

Defer until later this meeting because this item may be able to be closed after discussion.

**AI 105-2** Request Mr. Carney to attend RRS Meeting #106 to provide summary results of LOG/MOB - RGGI/HEDD

He is scheduled for later in this meeting. Item can be closed.

**A105-3** Develop revised PRR on new NERC System Restoration requirements when approved (Mahlmann)

Item is on going.

**A105-4** Revise PRR 95 to incorporate meeting #105 comments on System Restoration Measurements G-M2 and C-M5 (Appelbaum)

Item can be closed.

**A105-5** Submit PRR 97 on Data reporting using GADS or equivalent format (Sasson)

This PRR has been withdrawn. Item can be closed.

**A105-6** Revise and create a template PRR base on rule changes due to NPCC A-13 and A-14 and NERC MODs 024 and 025

This item was complete and can be closed.

**AI 105-7** Develop new A-10 based BPS & secured system definitions for cover NYPS Power System (Ellis/Adamson)

Discussion is to be scheduled later in this meeting. Item is still ongoing.

### **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 (Ellis)

The RPWG has held three meetings this year. There seems to be a push back in a requirement for power factor. Work has been directed into other areas and has lost the main focus of this item. Continue monitoring progress.

**PRR 52** Generator Governor Response (Ellis)

Significant event response verification has been performed and summary will be sent to Mr. Clayton. A commitment was made to SOAS to provide unit response for generators during significant events. Governor response may not be the problem. Unit (especially efficient units) may be pinned against the upper operating limit or may be modified by the plant control system (in plant or EMS AGC systems). Preliminary analysis shows that New York does not appear to be the root cause of the problem. New York is more sensitive to frequency deviations because the alert state is tighter (59.95 and 60.05 Hz) than most Areas. The problem is across the entire Interconnect. NYISO white paper should be developed in the summer time frame with a more detailed report later in the year.

Mr. Ellis will provide WECC governor standards and settings guideline to Mr. Clayton. (Action Item 106-1)

**PRR 84** Load Shedding Allocation, F-M3 (Pappas)

This PRR is on hold awaiting NPCC approval of NPCC Emergency Operation Directory #2, which will replace A-3.

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

This PRR has been revised and reposted.

**PRR 96 Verification testing of Resource Capacity (A-13/A-14)**

Mr. Gordon prepared template and it was discussed. Mr. Gordon noted changes that were made from the last meeting in the template. The NPCC A-14 document should be approved by NPCC before this template is approved.

Mr. Gordon will work with Mr. Adamson to find the current A-14 document. A-14 is currently under review. Status of item is to change to ongoing.

Change the first mention of seasonal to introduce seasonal concept. The term "resources" should be replaced by the term "resource providers" when discussing the entity that reports information. Today's date needs to be added the PRR revision date. Mr. Gordon will provide changes to the template and resend. (Action Item 106-2)

**RGGI and HEDD**

Mr. Carney and Mr. Clayton have attended meeting with the Department of Environmental Conservation to discuss reliability concerns with the trading of carbon allowances if the trading is not properly designed and administered. Mr. Carney presented his power point presentation on RGGI and HEDD. If carbon reductions were permitted to its excess from the present generation fleet, it will start to impact the ability to maintain reliability. Adjustability can occur between a ceiling level and a floor level (re-dispatch across current fleet) but reliability concerns will be present when levels drop below the floor level. The ability to quickly construct or modify generation to be more carbon efficient is not able to be accomplished. Regulations will need to be made to support reliability items like LOG / MOB and thunderstorm alerts.

Mr. Carney will re-distribute presentation with revisions to Mr. Clayton. (Action Item 106-3)

### ERCOT Load Shed Event

Final report is out and will be posted.

### Bulk Power System

No acceptance should be expected from the NYISO submission of bulk power facilities to NPCC. NPCC will audit the NYISO A-10 criteria in June as a result of the Astoria event of 2007. Monitor and proceed with Mr. Adamson action item concerning Bulk Power System definition.

A working definition was put forth. "NY Power System is the NYISO Secured transmission system, inclusive of the NPCC Bulk Power System within NYCA." The definition which was outlined for discussion purposes included "Appendix A-2" facilities. Mr. Pfeleiderer did not agree with including the "Appendix A-2" list since it would increase greatly the number of lower voltage facilities. He urged that the RRS members first review these lists before accepting this working definition. Action Item is assigned to the group to work on a better definition. (AI 106-4)

### AI 104-5 Determine / send NYISO personnel to provide overview of NYISO system data collection procedures

The new version of Technical Bulletin 160 addresses changes of MP requirements to notify the NYISO and relevant Transmission Owners of network power system model updates. Action Item closed.

### **Agenda Item 3.2**

#### NPCC Criteria Revision

Directory number 2 comments are due 4/11/2008. Old criteria documents and criteria more stringent than the NERC are added to NERC references to create the new directory. The more stringent criteria language on page 5, section 5.0,

states “these criteria are in addition, more stringent or more specific than the NERC or any regional reliability standard requirements”. Comment will be submitted to NPCC for a wording change to remove “in addition”.

The A-10 SAR for a regional standard based on A-10 is moving forward.

Ted is reviewing A-12 for criteria change impact on rules.

A-13 and A-14 were discussed. These documents will be included in Directory 10 and 9.

The review for Maintenance Criteria for BPS Protection can be closed.

The review for new procedure NPCC Operation Review for the Integration of New Facilities can be closed.

New guideline Regional Critical Asset Identification does not appear to have any rules impact.

PSC adopts NYSRC criteria. In a similar way, NPCC also submits to the PSC their criteria that are more stringent than NERC.

### **Agenda Item 3.3**

#### NERC Standard Tracking

The FAC-011 SAR proposed by NYSRC concerning common mode failure that involves multiple elements was approved to post for comments. Drafting team discussion was against the SAR. Of 27 responses, the vote was 10 for the SAR and 17 against the SAR. The 10 for the SAR were from the NPCC area. The options from this point forward: withdraw, move forward now, move forward later after FAC-010 is complete, or change the SAR with a resubmission. Objection comments included credible nature of contingencies, operator action, geographic scope (control area), statistical evidence, time scale (day ahead, month ahead), element terminology, operation standard vs. planning, etc. Discussion will proceed with Mr. Clayton and Mr. Zito about next steps. (AI 106-5) Mr. Clayton will participate in a three day meeting in St. Louis with Mr. Clayton defending why the SAR is needed.

Personnel Training is being review by Mr. Pappas.

All MOD standards were defeated on initial ballot. Drafting team is currently revising MOD standards.

### **4.0 Additional Agenda Items**

Mr. Gordon requested that Mr. Schiavone be added to roster as alternate member for National Grid. (AI 106-5)

### **5.0 Reports**

## 5.1 EC meeting

No additional items

## 5.2 ICS Report

Discussion concerning a 20 MW wheel from Ontario to New York, data assumptions, scope of long term IRM requirement (1 year and 5 year).

## 5.3 RCMS Report

Technical Bulletin 160 was resolved. A generation owner was found to have unreported outage data and it may be a non compliance item.

## **6.0 Next Meeting**

Meeting #106 was adjourned at 14:11.

Next meeting (#107) is scheduled for Thursday, May 1, 2008 at 9:30 in the NYSERDA offices located at Columbia Circle, Albany, NY.