

**Joint Meeting of the  
New York State Reliability Council, L.L.C. (NYSRC)  
Reliability Rules Subcommittee (RRS)/  
Reliability Compliance Monitoring Subcommittee (RCMS)**

**RRS/RCMS Meeting @ NYSERDA Offices  
17 Columbia Circle, Albany, NY  
Thursday, March 31, 2011**

**Draft Minutes of RRS Meeting #140**

**In Attendance:**

<b>Alan Adamson</b>	<b>Consultant</b>	Member
<b>Larry Hochberg</b>	<b>NYPA (RRS Secretary)</b>	Member
<b>Roger Clayton</b>	<b>Electric Power Resources (Chairman)</b>	Member
<b>Brian Gordon</b>	<b>NYSE&amp;G</b>	Member
<b>Roy Pfleiderer</b>	<b>National Grid</b>	Member
<b>Paul Kiernan</b>	<b>NYISO</b>	Member
<b>Jim Grant</b>	<b>NYISO</b>	Member
<b>Jeff May</b>	<b>Central Hudson</b>	Member
<b>Dan Head</b>	<b>Con Edison (RCMS Secretary)</b>	Member
<b>Henry Wysocki</b>	<b>Con Edison</b>	Member
<b>Mark Stanbro</b>	<b>National Grid</b>	Member
<b>Anie Philip</b>	<b>LIPA</b>	Member
<b>Ed Schrom</b>	<b>NYSDPS</b>	Member
<b>Zach Smith</b>	<b>NYISO</b>	Guest (part-time)
<b>Greg Drake</b>	<b>NYISO</b>	Guest (part-time)
<b>Erin Hogan</b>	<b>NYSERDA</b>	Guest (part-time)

**Agenda Items**

**1.0 Introduction**

RRS Meeting #140 was called to order by Mr. Roger Clayton at 09:30.

**1.1 Executive Session**

No Executive Session was requested.

**1.2 Requests for Additional Agenda Items**

4.1 BES definition

4.2 RRS Scope Review

4.3 Con Edison LOG/MOB Presentation

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

### **2.1 Approval of RRS Meeting #139 Minutes**

The minutes of RRS Meeting #139 were approved with minor changes as final.

### **2.2 Action Items List**

AI 139-2 Complete.

AI 139-3 Complete.

AI 139-4 Complete. See discussion under agenda item 5.1, NYSRC EC Report.

AI 139-5 Due date changed to ongoing.

AI 139-6 Complete.

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

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

RRS reviewed the list of potential rule changes.

#### PRR 8

MR. Pfleiderer reported that RPWG was investigating a system voltage issue that occurred July, 2010.

#### PRR 52

There was no discussion.

#### PRR 97

There was no discussion.

### **3.2 NPCC Rules Revisions Updates**

## NPCC Update

Mr. Hochberg addressed action item 139-3 he was assigned at the last RRS meeting to investigate the proposed NPCC revision to the SPS definition and any comments that were posted. He reviewed the proposed change which was to not include automatic undervoltage load shedding and his primary concern raised at the last RRS meeting that this seemed to be a weakening of the criteria. Mr. Hochberg explained that after some investigation, it appeared that NPCC TFSS had proposed the change to be consistent with the NERC definition of SPS. Mr. Hochberg read NERC's SPS definition to RRS which specifically states that undervoltage load shedding is not included. Mr. Hochberg also reviewed with RRS the posted comments on the proposed NPCC definition change that were provided from four entities (TFSP, IESO, ISO-NE, and Dominion) and noted that none had any major concerns about the change. Mr. Hochberg also reported that TFSS was in the process of reviewing the posted comments and may either send a revised definition to RCC for approval or re-post it for additional comments if changes are extensive. Mr. Hochberg also advised RRS that he identified several NERC standards that address undervoltage load shedding (PRC-010-0, PRC-011-0, PRC-020-1, PRC 021-1 and PRC-022-1) and therefore his concern about weakening of the criteria was much diminished because of the existence of these standards. Mr. Hochberg also reported that there were no concerns about the definition change raised within NYPA.

Mr. Clayton pointed out that since there are no undervoltage load shedding SPS's in NY, and this was verified during the meeting by Mr. May, it was academic whether or not the NYSRC definition needs to be changed to be consistent with NERC. RRS agreed not to modify its definition of SPS at the present time, but will consider doing so for consistency when the NPCC process is complete. Ms. Philip informed RRS that there is a localized area undervoltage load shedding scheme on the east-end of the LIPA 69 kV subtransmission radial system which has no impact on the bulk power system. This is a normally disabled scheme and can be manually enabled for automatic load shedding. As such, she said it is not considered to be an NPCC SPS or to be subject to the NERC PRC requirements. Ms. Philip was requested to send a description of LIPA's 69kV east-end undervoltage load shedding scheme to RRS for clarification.

**AI 140-1:** Ms. Philip agreed, as an Action Item, to send RRS a description of LIPA's 69kV east-end undervoltage load shedding scheme.

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

#### NERC Standard Tracking

Mr. Adamson reported that GADS reporting currently is not mandatory, but may become mandatory under a proposed NERC procedure.

## **4.0 Additional Agenda Items**

### **4.1 BES Definition**

Mr. Clayton reported that FERC had a meeting on March 17 and denied a request for a rehearing. FERC also clarified that local distribution is excluded from the BES and left

development of the exemption process up to NERC. FERC did not alter NERC's compliance process, and said NERC can propose an alternate definition of BES if it is more efficient and effective. Mr. Clayton noted that FERC's proposed definition is 100kV and above and that FERC had already rejected NPCC's performance based criterion. He also noted that there is a NERC drafting team working on the exemption process. Mr. May asked if anyone knew what discontinuous BES meant. Messrs. Grant and Clayton offered examples of what they thought it meant and Mr. Clayton agreed to follow-up on this question at the next EC meeting.

**AI 140-2:** Mr. Clayton agreed, as an Action Item, to get more details on the meaning of discontinuous BES at the next EC meeting.

## **4.2 RRS Scope Review**

RRS reviewed the draft RRS work scope revision item-by-item that was prepared by Mr. Adamson. RRS agreed to keep item nine in the responsibility list instead of removing it, but to specifically target system operations trending information. Also, RRS added a new responsibility to include interpretations of reliability rules when requested by the EC. Mr. Adamson was requested to revise the draft scope based on the RRS discussions and issue it to the group for any further comments. Mr. Clayton will present the revised work scope for comments at the next EC meeting.

**AI 140-3:** Mr. Adamson agreed, as an Action Item, to revise the RRS work scope in accordance with RRS discussions and issue to the group for any further comments.

**AI 140-4:** Mr. Clayton agreed, as an Action Item, to present the revised RRS work scope for comments at the next EC meeting.

## **4.3 Con Edison LOG/MOB Presentation**

In response to Action Item 139-2, Mr. Head explained why Con Edison implements the LOG/MOB (loss-of-gas/minimum-oil-burn) procedure. He explained that the procedure essentially is used to make sure the Con Edison bulk electric system can survive certain potential natural gas main contingencies. Mr. Head said that when the Con Edison system load rises to certain pre-determined levels, certain generating units are required to either burn a minimum amount of oil, or to employ automatic gas-to-oil swapping capability so that they will not trip off line in the event of certain natural gas main contingencies. The load levels and generating units are determined for each season every year and presented to the NYISO OC for information and approval. Mr. Head stated that Con Edison's ability to follow the LOG/MOB procedure may be in jeopardy due to the increasing levels of environmental constraints being placed on generator units by the government.

Mr. Clayton expressed interest in finding out how many MW of generation are required to switch to minimum oil burn (units without automatic gas-to-oil swapping capability) because if that number exceeds 1000MW studies have shown that it could result in a New York capacity problem with the new more stringent environmental regulations. Mr. Clayton requested Mr. Head if he could release the written LOG/MOB presentation slides

and Con Edison detail report to RRS. He noted that once released to RRS it would be considered public information. Mr. Head will check and get back to Mr. Clayton on this. In addition, Mr. Adamson stated that a Con Edison LOG/MOB report may have already been posted on the RCMS website which he will check.

**AI 140-5:** Mr. Head agreed, as an Action Item, to check with internal Con Edison as to whether or not he can release to RRS the written LOG/MOB slide presentation and detail report and report back to Mr. Clayton.

**AI 140-6:** Mr. Adamson agreed, as an Action Item, to check the RCMS website to find out if a Con Edison LOG/MOB report was previously posted, and send it out to RRS if it is available on the RCMS website.

## **5.0 Committee Reports**

### **5.1 NYSRC EC Report**

In response to Action Item 139-4, Mr. Clayton reported that he spoke with Mr. Gioia at the last EC meeting regarding the 100kV and above Bulk Power definition and its implications, and they agreed that it was premature to bring up Mr. Kiernan's concerns to the EC membership at the present time. They agreed to wait until the NYISO presents its questions in written form in response to RRS Action Item 139-5. Mr. Kiernan reported that the NYISO is looking at the issue in more detail and will respond in due course.

### **5.2 NYSRC ICS Report**

Mr. Adamson reported that the ICS had a meeting on Tuesday and mainly discussed the issue of developing a new method to determine the EFORd for the IRM study. He reported that the current method is considered to be conservative and could be revised to provide an improved EFORd representation. He stated that the ICS is reviewing two new methods, one developed by the NYISO and one by Con Edison. He also reported that the NYISO will employ Dr. Patton of Texas A&M, a noted expert on LOLE matters, to review and comment on the two new methods. He stated that if a new method is ready soon, it could be used for the 2012 IRM study.

## **6.0 Next RRS/RCMS Meeting**

RRS meeting #140 was adjourned at 12:05 PM.

The next RRS/RCMS joint meeting is scheduled for Thursday, May 5, 2011 at 9:30 in the NYSERDA offices located at 17 Columbia Circle, Albany, NY.