

***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 at the NYSEDA Offices  
17 Columbia Circle, Albany, NY  
Thursday, August 2, 2012***

***Final Minutes of RRS Meeting # 156***

**In Attendance:**

**RRS/RCMS Members and Alternates:**

Roger Clayton, Electric Power Resources (Chairman)  
Zoraini Rodriguez, LIPA (Secretary) (Phone)  
Henry Wysocki, Con Edison  
Larry Hochberg, NYPA  
Wayne Sipperly, NYPA  
Roy Pfleiderer, National Grid  
Brian Gordon, NYSEG (Phone)

**Non-Voting Participants:**

Jim Grant, NYISO  
Paul Kiernan, NYISO  
Ed Schrom, PSC

**Guests:**

Kristin Blugas, NYISO  
Kathy Whitaker, NYISO  
Wes Yeoman, NYISO  
Greg Campoli, NYISO  
Mayer Sasson, Con Edison (EC member) (Phone)  
Jim D'Andrea, TC Ravenswood (Phone)  
Paul Gioia, General Counsel (EC)

## **Agenda Items**

### **1.0 Introduction**

RRS Meeting #156 was called to order by Mr. Roger Clayton at 9:30 AM.

#### **1.1. Executive Session**

No Executive Session was requested.

#### **1.2. Requests for Additional Agenda Items**

None.

## **2. Approval of Minutes/Action Items**

### **2.1 Approval of Minutes #155**

The meeting minutes were approved with changes as final. Ms. Rodriguez will revise and issue the final minutes.

### **2.2 RRS Action Item List**

AI 144-3: Ongoing. Mr. Hochberg reported that the Marcy STATCOM was utilized once this past month to reduce high voltage issues at Cooper's Corners.

AI 146-3: Ongoing. No update.

AI 152-5: Ongoing. This item is on today's agenda.

AI 154-2: Ongoing. Mr. Grant reported that the SIS study on adding shunt reactors at Coopers Corners for high voltage has been completed and will be going to TPAS next month for approval.

AI 154-5: Ongoing. This item is on today's agenda.

AI 155-1: Completed. This item is on today's agenda.

AI 155-2: Completed. Mr. Clayton sent out G-M1 and G-M2 update and revision to RRS members.

AI 155-3: Completed. This item is on today's agenda.

AI 155-4: Ongoing. No update yet.

AI 155-5: Completed. Mr. Clayton sent out the DEC meeting minutes to RRS members.

### **3. NYSRC Reliability Rules Development**

#### **3.1 List of Potential Reliability Rules Changes**

None.

##### **3.1.1: PRR 112: Black Start RR revisions**

Mr. Clayton pointed out that the posted PRR 112 and associated white paper versions will not be presented to the EC since revised versions from NYISO were received late yesterday.

The following items were discussed while reviewing the revised NYSRC Black Start white paper on Steam testing:

- RRS pointed out that the wording "...and it must be firm to the system, and operating at minimum load..." under current NYISO Procedures for Black Start Testing Steam Turbine Units should be clarified. Mr. Gioia recommended that we should change the language and specify that this meant to be released to the NYISO for operation.
- NYISO will revise the black start white paper and sent it back to RRS (AI 156-1). Ms. Whitaker will include "synchronize to the system and released to NYISO for operation" wording in the white paper.
- When asked how many generator companies pulled out of the black start program, NYISO reported that two companies pulled out and two companies came back in the program. NYISO is hoping to get the other companies to come back in the program with this new rule.
- Mr. Sasson stated that he was surprised to see that NYISO made a statement in which their records show that no black start GTs failed during successful black start tests. Since it is a practice that Con Edison serves as a witness when the GTs in their territories performed black start test, Mr. Sasson claimed to have specific information that shows some GTs failed to start the test. For example, in 2006, there are a number of cases where the GTs failed to start up for a number of reasons including not holding the frequency and voltage, and some failed when picking up auxiliary load.
- It was noted that the black start GTs are also subject to the annual DMNC test requirements and as such are tested in their ability to deliver rated output for 1 hour.
- RRS asked if the intervening test would pick up the cause of all these trips when adding auxiliary load. NYISO indicated that the failures occurred early in the test period and would be picked up by the intervening year test. NYISO will add wording on this (AI 156-2).
- Also, Ms. Whitaker will remove the first sentence in the second paragraph in the white paper under section, "Recommended NYSRC Rule Changes".
- The Chairman will give a report on this white paper to the EC pending confirmation of the revisions to the white paper discussed today.

RRS's preliminary opinion is that the white paper provides sufficient justification changes to GM3 proposed by NYISO.

The following items were discussed while reviewing the GM-3:

- Mr. Gordon asked if the new PRR will apply to the steam units that are part of the combined cycle. Ms. Whitaker stated that this rule only applies to the steam units that have been identified as black start units.
- Mr. Sasson suggested that we should include a statement in here requesting that generators to install equipment to look at voltage and frequency. By doing this, we are proactively verifying that the controls are indeed working.
- NYISO is in agreement to develop voltage and frequency test requirements to be included in the PRR 112 Comments section. This text will be based on the statement that Mr. Sasson sent to Ms. Whitaker and Mr. Yeoman.
- Ms. Whitaker will take the ownership on the changes to this PRR 112 and will send it back to Mr. Clayton to the EC (AI 156-3). It will still be a draft, but will be sent out to EC.
- RRS is in preliminary agreement with this PRR 112 revision, pending the agreed changes from Ms. Whitaker and subject to further review.

### **3.2 NPCC Rules Revision Update**

No update.

### **3.3 NERC SARS/Organization Standards**

Mr. Clayton reported that there is a discussion on the BES inclusion/exclusion of “cranking path”. NYSRC has supported its inclusion in the past. NERC does not want to include “cranking path” since it is on the distribution system and that NERC has no jurisdiction on distribution system.

NPCC and NYSRC will give comments on this decision. This item is on the agenda for the EC meeting next week. Mr. Clayton reported that any dedicated distribution facility at least up to some part should be included.

## **4. Additional Agenda Items**

### **4.1 Plan to modify NYSRC RR to reflect NERC/NPCC Standard Initiatives**

Mr. Kiernan presented all the documents to modify the NYSRC Reliability Rules to reflect NERC/NPCC Standard Initiatives. He stated that the purpose of this exercise is to get everything together in the same document by combining the compliance rules and the standards.

This effort could also simplify the wording of the rules. NPCC has adopted this NERC format for their directories. The re-format was a decision made by high up in NPCC.

RRS asked NYISO to find out the history behind the revised directories and the reason why NPCC chose to NERC format (AI 156-4). Mr. Campoli will follow up on this action item.

The Chairman pointed out that this would require rewriting the whole RRS manual and would be a big effort. RRS understands that this is one way of reformatting the rules with the possible advantage of being in accordance with NPCC and NERC formats.

Mr. Kiernan will review and response to the “Questions on NYISO proposed to modify current NYSRC RR Format” prepared by Mr. Adamson at the next meeting (AI 156-5).

RRS expressed gratitude to Mr. Kiernan for putting together the reformatting effort.

#### **4.2 Exception #14 Rescission**

Mr. Wysocki presented the “Request to Rescind Con Edison Exception 14 from the Exceptions to the NYSRC Reliability Rules”. Con Edison also presented the one line diagrams with breaker configurations to show that Exception 14 is no longer required.

RRS is in agreement with this rescission. This request will be on the upcoming NYISO OC agenda.

Mr. Clayton shall recommend to the EC that this exception be rescinded pending NYISO OC approval.

#### **4.3 Update Review of all NYSRC Exceptions**

Mr. Clayton reported that at the last EC meeting, the EC asked RRS to review any exception of contingency loading going greater than STE. The Chairman suggested that this to be a TO joint discussion. All TO members to go back and look into exception greater than STE and come back to RRS with explanation. (AI 156-6) Mr. Clayton will go back to the EC with update.

### **5. Reports**

#### **5.1 NYSRC EC Meeting Report**

Mr. Clayton reported that the BES discussion of the inclusion or exclusion of “cranking path”, Black Start RR white paper and Exception #14 were discussed at the last EC meeting as previously noted in the meeting minutes.

#### **5.2 NYSRC ICS Meeting Report**

Nothing to report.

## **6. Next Meeting #157:**

RRS meeting #156 was adjourned at 12:55 PM.

The next RRS/RCMS joint meeting is scheduled for Thursday, September 6, 2012 at 9:30 AM in the NYSERDA offices located at 17 Columbia Circle, Albany, NY.