

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

*RRS Meeting  
Thursday, June 5, 2014*

*Final Minutes of RRS Meeting #178*

**In Attendance:**

**RRS Members and Alternates:**

Roger Clayton, Electric Power Resources (Chairman)  
Wayne Sipperly, NYPA  
Larry Hochberg, NYPA (Vice Chairman)  
Brian Shanahan, Nat Grid  
Roy Pfleiderer, Nat Grid (Secretary)  
Zoraini Rodriguez, LIPA  
Doug Voos, LIPA  
Brian Gordon, NYSEG

Henry Wysocki, Con Ed (phone)  
Abhilash Gari, NYPA (phone)

**Non-Voting Participants:**

Jim Grant, NYISO  
Al Adamson, NYSRC Consultant

**Guests :**

Zach Smith, NYISO  
Mark Capano, NYISO

## **Agenda Items**

### **1.0 Introduction**

RRS Meeting #178 was called to order by Mr. Clayton at 9:30 AM. Participants and guests introduced themselves.

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

Mr. Clayton asked for any executive session requests; none were requested.

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

Mr. Clayton asked for requests for additional agenda items.

He requested time to discuss Physical Security CIP 014-1, new EPA CO<sub>2</sub> rules and a discussion of NE-ISO rules. He also requested time to discuss a recent request from the DPS staff member to consider whether Battery Storage is identified in the NYSRC rules.

Mr. Adamson requested time to discuss an interpretation of Generation Reserve requirement D-R2.

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

### **2.1 Approval of Minutes #177**

Mr. Pfleiderer will issue the final minutes of RRS #177 based upon minor revisions discussed by RRS.

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

AI 83-8 – No update

AI 87-5 –No update

AI 139-1 – No update

AI 141-1 – No update

AI 175-2 – Ongoing, RRS members to review draft of the Transmission Planning Section B dated 2/23/14 .

AI 177-1 - Completed, Mr. Adamson agreed to reformat again the Section B: Transmission Planning Rules.

AI 177-2 – Completed, Mr. Hochberg will continue drafting the Guidelines portion of Section B and E. Completed.

AI 177-3 – Ongoing. Mr. Adamson to continue to working on format of Outline of the Rule Introductions

AI 177-4 – Completed, Mr. Clayton will distribute notes to RRS of April 9<sup>th</sup> meeting with DEC.

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

#### **3.1 PRRs for Action – None**

### **4.0 Rules Enhancement Plan**

#### **4.1 REPs for EC’s final approval – None**

#### **4.2 REPs posted for comment - None**

#### **4.3 REPs for EC’s approval to post**

#### **RRS Agreed to present the following REPs to the EC for Posting:**

4.3.1 REP-12: G-R1, NYCA System Restoration Plan

4.3.2 REP-13: G-R2, System Restoration Training & Simulation Programs 4.3.3

REP-14: A-R3, Review of Resource Adequacy

#### **4.4 REP for RRS Review**

##### **4.4.1 REP Rule Section B: Transmission Planning**

RRS conducted a detailed review of the latest draft (5/26/14) of REP Rule Section B prepared by Mr. Adamson. RRS engaged in a lengthy discussion on Section B-R1. It was noted that Sections R1-R5 as written made specific reference to the NYISO. This seemed to imply that these rules apply only to the NYISO. RRS agreed that this section should be written in a manner to apply to all market participants when analyzing or planning the Bulk Power System transmission in the NYCA. Mr. Adamson agreed to modify this section accordingly.

As a outgrowth of this discussion, Roger Clayton asked the RRS by what means the do the present rules apply to all market participants. After some discussion, Mr. Clayton agreed to pose this question to the EC at their next meeting. (AI 178-1).

Each section of this draft rule was additionally discussed with RRS agreeing to various changes and formatting adjustments.

Mr. Adamson agreed to again modify this draft of Section B including again a mapping to the existing rules. He also agreed to prepare a draft REP template of Section B (AI 178-2).

RRS discussed the present introduction to Section B. It was noted that important planning items are presently contained in the introduction including the N-1-1 requirements. After much discussion it was agreed that in order not to loose potentially important items the present introduction to section B would be incorporated into the reformatted rules verbatim.

##### **4.4.2 REP Rule Section E: Transmission Operations**

RRS agreed to hold off with this reformatting until Section B has been again reviewed.

##### **4.4.3 REP-Rule Section I: Local Area Operations**

RRS agreed to hold off with this reformatting until Section B has been again reviewed.

## **5. NPCC Directories**

### **5.1 Directory 1, Design & Operation of the Bulk Power System.**

The latest version of Directory 1 was provided to RRS for informational purposes. Roger Clayton will provide RRS with NPCC response to comments to Directory 1. (AI-178-3).

## **6.0 NERC SARS/Organization Standards**

Nothing new to report.

## **7.0 Additional Agenda Items**

### **7.1 Physical Security CIP-014-1**

Mr. Wayne Sipperly provided RRS with a brief overview of this expedited FERC order. Roger Clayton noted that this was discussed at the NPCC RC. Mr. Clayton also indicated that additional material has been provided by Lawrence Livermore Laboratories. He indicated he would provide RRS with this additional material.

(AI 178-4).

### **7.2 New EPA CO2 Rules**

Mr. Clayton provided a brief overview of these new EPA rules governing CO<sub>2</sub>. He indicated that these new rules may limit emissions in the NY to approximately half that of present levels.

### **7.3 DPS Staff question regarding Battery Systems**

Mr. Clayton indicated that a DPS staff member made a recent inquiry for RRS to review where in the NYSRC Rules Battery Storage Systems are referenced. After a brief discussion RRS decided that in order to help properly respond this inquiry should be put in writing for RRS to respond.

### **7.4 ISO-NE Practices**

Mr. Clayton noted that the ISO-NE in some cases has more stringent planning rules than the NYSRC. He noted for instance that these criteria added the loss of the closest generation resource to the standard NPCC N-1-1 criteria. He noted that recent discussion at ISO-NE suggested that these and other rules were made more stringent than NYSRC since ISO-NE lack the number of TIES and Generation Reserve Criteria that the NYCA had. Mr. Clayton also noted that ISO-NE had a criteria specifically focused on the Non-BPS facilities. These criteria were apparently legacy rules with NEPOOL-NEPEX history. He indicated that he will bring these items up at the next EC meeting.

(AI 178-5)

## **7.5 Interpretation of Reserve requirements**

Mr. Adamson reviewed a request from Con Ed for an interpretation of Generation Reserve requirement D-R2.

By way of review, D-R2 and D-R4 state:

### **D-R2. Minimum Operating Reserve Requirement**

**The minimum *operating reserve* requirement of the NYISO shall be the sum of:**

- a) **Sufficient *ten (10) minute operating reserve* to replace the operating capacity loss caused by the most severe *contingency* observed under *normal transfer criteria* multiplied by the *Contingency Reserve Adjustment Factor*.**
- b) **Sufficient *thirty (30) minute operating reserve* equal to one-half of the *ten (10) minute operating reserve* necessary to replace the operating capacity loss caused by the most severe *contingency* observed under *normal transfer criteria*.**

### **D-R4. Restoration of Ten (10) Minute Reserves**

**Following a *contingency*, the *ten (10) minute operating reserve* shall be restored within thirty (30) minutes of the time that the *contingency* occurred, or sooner if possible.**

The questions reviewed by RRS were:

Does D-R2 require that:

1. In a) the reserves used to compensate for the resource lost by the most severe contingency needs to be replaced within 30 minutes, AND,
2. In b) the reserves used to compensate for the resource by the second worst contingency (that happens within 30 minutes of the first) needs to also be replaced?

**NYISO Staff's answer for Question #1 was YES and they are reviewing #2 for the next RRS meeting (AI-178-6).**

## **7.6 Tour of NYISO Control Center**

During the lunch break RRS was given a tour of the NYISO Control Center.

## **8. Reports**

### **8.1 NYSRC EC Meeting Report – R. Clayton**

Mr. Clayton indicated there was nothing new to report.

### **8.2 NYSRC ICS Meeting Report – A. Adamson**

Mr. Adamson reported that ICS working group met on 6/4/14. He indicated that 2015 base case assumptions should be presented to the EC in their July meeting.

## **9. Next Meeting #179:**

The next RRS/RCMS joint meeting is scheduled for **Thursday**, June 26, **2014** at 9:30 AM at NYSERDA offices located at 17 Columbia Circle, Albany, NY.

RRS meeting #178 was adjourned at 1:59 P.M.