

**Joint Meeting of the  
New York State Reliability Council, L.L.C. (NYSRC)  
Reliability Rules Subcommittee (RRS) /  
Reliability Compliance Monitoring Subcommittee (RCMS)  
Thursday, September 5th, 2019**

**Minutes of RRS Meeting No. 241**

**RRS Members and Alternates:**

Roger Clayton, Electric Power Resources (Chairman)  
Larry Hochberg, NYPA (Vice Chairman)  
Zoraini Rodriguez, PSEGLI/LIPA  
Brian Shanahan, National Grid (Secretary)  
Mike Ridolfino, Central Hudson  
Sal Spagnolo, NYPA  
Rahul Pandit, PSEG/LIPA  
Brian Gordon, NYSEG  
Mike Roszkowski, Consolidated Edison  
Dan Head, Consolidated Edison

**Non-Voting Participants:**

Al Adamson, Consultant  
Jim Grant, NYISO  
Mark Capano, NYISO  
Abhilash Gari NYPA

**Guests:**

Keith Burrell, NYISO  
Paul Gioia, NYSRC Counsel  
Kevin DePugh, NYISO  
Zach Smith, NYISO  
Humi Kabir, DPS

RRS Meeting No. 241 was called to order by Mr. Clayton at 10:00 AM.

**1. Introduction**

1.1 Executive Session

None requested.

1.2 Requests for Additional Agenda Items

None.

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

2.1 Approval of RRS Minutes No. 240

RRS reviewed the Minutes from the last RRS meeting and adopted comments suggested by Mr. Paszek and Mr. Grant. The Minutes were then accepted as final with no further changes.

2.2 RRS 240 Status Report to EC

Mr. Clayton presented a copy of the ‘RRS 240 Status Report’ which was developed for summarizing the prior meeting of the RRS, at the next Executive Committee (EC) meeting.

2.3 RRS 240 Action Items List

Action Item 83-8: Ongoing. No update.

Action Item 228-1: Ongoing. No update.

Action Item 232-6: ICS Task is an “Ongoing” item to monitor developments.

Action Item 235-1: Ongoing. NYISO will provide a summary of preliminary fuel security analysis during the August 2<sup>nd</sup> MIWG meeting via Webex.

Action Item 236-1: Ongoing. No update

Action Item 238-4: Complete. Information was not available from Central Maine Power regarding SPS/RAS’s.

Action Item 239-1: Completed this meeting

Action Item 239-3: Completed. A meeting was held on August 6<sup>th</sup> and decision was to develop a PRR, which is on the RRS Agenda today (PRR-145).

Action Item 240-2: Provide a report on the July 13<sup>th</sup> Manhattan power outage  
A presentation was provided to the most recent Executive Committee meeting. This was considered enough to complete the Action Item as it is informational in nature for the RRS.

Action Item 240-1: Completed this meeting

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

#### 3.1 PRR List Outstanding Review

##### 3.1.1 PRR Outstanding List

PRR 143 to be updated or pursued following completion of a NYISO fuel security study in 2019. Notes related to the status of PRR 128 and PRR 142B are contained in the PRR Changes Outstanding file.

#### 3.2. PRRs for EC Final Approval after Posting

##### 3.2.1 None.

#### 3.3. PRRs for EC Approval to Post for Comments

##### 3.3.1 PRR 142B - B.2 Transmission Planning Assessments (SPS/RAS)

Mr. Clayton stated that the proposed new requirement is essentially a redundant contingency as following an N-1 contingency, action can be taken to restore system prior to the next contingency (N-1-1). It was also noted that no new SPS's have been added since 2015 and that SPS's that have been retired have gone through the NPCC SPS retirement process.

Mr. DePugh noted that every year the NYISO, as well as each Area in NPCC, perform an Area Transmission Review (ATR) in accordance with NPCC Directory 1. Each Area's ATR, which includes assessments of SPSs, is reviewed by the other Areas. Additionally, under NERC PRC-012, there are assessments at least every five years which would look at SPSs including any interactions. A concern with adding additional contingencies that would assume failure of two SPSs, this would be similar to assessing the failure of an A&B protection package, which is not done.

Related to this Agenda item, Action Item 239-1 requests the NYISO to identify the North American Electric Reliability Corporation (NERC) Requirements that address the findings and recommendations in the "Arizona-Southern California Outages on September 8, 2011" report.

Mr. Burrell presented a NYISO summary of NERC Standards that have been created or revised to address the 2011 Southwest Blackout report. Multiple standards and requirements were created or revised, including to the Planning process. Mr. Burrell noted that the annual TPL Study solicits contingencies from NY Transmission Planners and select events that could be impactful to the BES to include in the NYISO/TO TPL-001-4 study of the NY BES.

Following discussion, the RRS Recommendation is to retire this PRR pending any further information or efforts from the PRR Originator.

### 3.3.2 PRR 143 - G.2 Loss of Gas Supply NYC

Preliminary study work is being done on loss of gas events. This item will be tabled until completion of final study, which is expected later this year or early 2020. New Action Item 241-1 has been created to determine when the NY fuel security report will be completed. Mr. Gioia recommended that Generator Owner interests be represented at RRS when future substantive deliberation of this PRR occurs.

### 3.3.3 PRR 145 - A.3 Review of Resource Adequacy

Mr. DePugh stated that this new requirement would be a summary report of the assumptions and finding from the Reliability Needs Assessment (RNA). Mr. Gioia agreed that this analysis would be what is already studied in the RNA. Several adjustments were suggested for the PRR to better define what would be required. New Action Item 240-2 was created for Mr. Adamson to collect input from Mr. DePugh and Mr. Gioia to revise PRR-145.

## 3.4. Discussion Items

### 3.4.1 Special Studies for Generator & ETU Interconnections

Mr. Clayton continued the discussion from the last RRS meeting regarding interconnection study requirements and special studies that may be required in a System Interconnection Study scope.

A Draft Memorandum regarding Special Interconnection Studies was provided to RRS members at the previous RRS meeting. A draft PRR (PRR-146) has been created to address this issue.

There was discussion regarding the possible creation of a Special Studies database in support of the PRR-146 initiative, which would better define and possibly standardize special study requirements. Mr. Clayton suggested that a new database could be assembled of various types of special studies, similar to what is done in New England via ISO-NE procedure PP5-6. Mr. DePugh advised that each case is different. Further consideration of this subject will be ongoing.

### 3.4.2 Inverter Based/Distributed Resources

It was noted that there is a lot of interest in DER topics at various NPCC working group and committee levels.

## 4. NPCC Directories

No update

**5. NERC SARS/Organization Standards**

5.1 NERC Standard Tracking

One standard revision (TPL-007-3) balloting period ends next week. NYSRC will be voting Affirmative based on input from NY TO's.

**6. Additional Agenda Items**

None

**7. Reports**

7.1 NYSRC EC Meeting Reports

Mr. Clayton provided a summary review of recent EC meeting topics.

7.2 NYSRC ICS Meeting Report

ICS met August 3rd, 2019. A preliminary IRM value of 18.6% is being initially proposed to Executive Committee. The total IRM increase is 1.6%, the largest ever on a year-on-year basis. The two drivers are: 1) load forecast uncertainty (1.2% of 1.6 total increase) and, 2) revised modeling of outside-NY areas. ICS is also developing a sensitivity study to assess the impact of additional renewable penetration in NYS (4,000 MW Onshore wind, 4,000 MW of Offshore wind and 4,000 MW of Solar PV).

Mr. Gioia suggested several topics to begin to consider based on the expected increase in renewable (variable generation) penetration including a basis review of standards requirements used here and in other areas/countries.

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The meeting ended at 12:15 PM

**8. Next Meeting No. 242**

Thursday, October 3rd, 2019; 10:00 AM @ NYSERDA, 17 Columbia Circle, Albany.