

**Joint Meeting of the  
New York State Reliability Council, L.L.C. (NYSRC)  
Reliability Rules Subcommittee (RRS) /  
Reliability Compliance Monitoring Subcommittee (RCMS)  
Thursday, August 1st, 2019**

**Minutes of RRS Meeting No. 240**

**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  
Martin Paszek, Consolidated Edison  
Brian Gordon, NYSEG

**Non-Voting Participants:**

Al Adamson, Consultant  
Jim Grant, NYISO  
Mark Capano, NYISO  
Chris Sharp, NYISO  
Katune Zanat, PSEG/LIPA  
Abhilash Gari NYPA

**Guests:**

Keith Burrell, NYISO  
Paul Gioia, NYSRC Counsel  
Wes Yeomans, NYISO  
Emily Fernandez, NYISO

RRS Meeting No. 240 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

Mr. Clayton requested an additional Agenda Item, 6.2, “NYC July 13th Outage”.

## 2. Approval of Minutes / Action Items

### 2.1 Approval of RRS Minutes No. 239

RRS reviewed the Minutes from the last RRS meeting and adopted comments by Mr. Paszek. The Minutes were then accepted as final.

### 2.2 RRS 239 Status Report to EC

Mr. Clayton presented a copy of the ‘RRS 239 Status Report’ which was developed for summarizing the prior meeting of the RRS, at the next Executive Committee (EC) meeting.

### 2.3 RRS 239 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 238-3: Completed, SPS information cannot be shared if not already public.

Action Item 238-4: Deferred to next meeting.

Action Item 239-1: Deferred to next meeting

Action Item 239-2: Completed.

Action Item 239-3: Deferred to next 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)

No update on the status of this PRR as it is awaiting additional information to be gathered. In the interim, Consolidated Edison has added to ~~their its~~ ~~Transmission~~ ~~Planning~~ ~~criteria-Criteria document Specification~~ TP-7100 ~~to address~~ a new design ~~principle~~ principle, which states:

Principle #14: “Remedial Action Schemes (RAS), or Special Protection Systems (SPS), shall not be considered as a permanent design solution for the Con Edison Transmission System.”

[Related to this Agenda item, Action Item 239-1 requests the NYSO 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. This will be presented at a future meeting.](#)

#### 3.4. Discussion Items

##### 3.4.1 FERC/NERC 2018 cold snap generator standard report-

Wes Yeomans noted that most of the recommendations appear to be intended for entities in the southern states, which don’t regularly experience extended deep cold spells. Some of the identified issues in the Report appear to be exacerbated by a gradual shift to fuel source to natural gas in south, subjecting generators to market supply shortages during extreme cold weather events. It is anticipated that if a new standard is drafted, it would have requirements that are largely already implemented in the NYCA by generators to address cold weather coping recommendations. This will continue to be monitored.

##### 3.4.2 Special Studies for Generator & ETU Interconnections

Mr. Clayton continued the discussion from the last RRS meeting by presenting draft wording for inclusion in the NYISO Transmission Expansion and Interconnection Manual (TE&IM), Section 2, 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 via the meeting document package. It is being proposed that “special studies” in Section 2 of the NYISO Transmission Expansion and Interconnection Manual (TE&IM) be replaced with more specific text related to the developing interconnection of new technologies in the NYCA system. The primary concern is that Developers can be subject to unclear study requirements when proposing new Projects that may include such technologies as inverter-based resources, HVDC, series compensation, etc. Initial discussions have been conducted to identify possible NYISO Manual enhancements. Further actions will be tracked by new Action Item 240-1.

### 3.4.3 Long Range IRM Studies (A.3 Resource Adequacy)

Regarding increased penetration of renewables and inverter-based resources into the NYCA generation portfolio, neither the 2019 NYISO Reliability Needs Analysis or Comprehensive Reliability Planning studies have, to date, identified any long-range capacity needs or concerns. Proposed DEC ~~NOX-NOx~~ regulations were identified as having an impact (provoke retirement), on approximately 3,000 MW of peaking generation mostly in the Southeastern New York (SENY). ~~This would cause resource adequacy issues in NYCA Zones J & K.~~

There was a question about how much, if any, involvement the NYSRC should have with various Community Councils being set up in relation to new climate legislation enacted in NY. The sense from Executive Committee was that NYSRC could potentially act as an educational resource regarding reliability.

Mr. Clayton noted that NPCC also uses a Loss of Load Hours (LOLH) criteria (as opposed to Loss of Load Expectation – LOLE) in Long Range adequacy overview studies. Mr. Adamson thought that a year 2030 high renewable penetration sensitivity should be considered in this year’s IRM studies and a more detailed impact study report be developed at a future appropriate time. Mr. Adamson also suggested that a justification for the 0.1 LOLE be developed to support future discussions.

Mr. Gioia recommended that NYSRC consider performing an analysis of the practical effect of higher IRMs.

Mr. Clayton summarized that the first steps will be the initial meeting with NYISO on the subject (AI 239-3).

### 3.4.4 Grid in Transition Reliability Considerations

Wes Yeomans presented, and discussed in detail, the NYISO presentation on “Grid in Transition Reliability Concerns.” There is also a White Paper available for review on the NYISO website.

**4. NPCC Directories**

No update

**5. NERC SARS/Organization Standards**

5.1 NERC Standard Tracking

Balloting for NERC Project 2016-2, Modifications to CIP Standards, CIP-002-6, was completed. NYSRC voted Affirmative.

**6. Additional Agenda Items**

6.1 Draft 2020 Committee Meeting Schedule

Schedule remains as stated. Mr. Adamson noted discrepancies on the RRS and ICS schedule dates in September 2019. RRS and RCMS meetings will continue to be held at NYSERDA with no preference to move to another location expressed.

6.2 NYC July 13<sup>th</sup> Outage

No update is available at this time. New Action Item 240-2 was created to track future presentation of information.

**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 July 30, 2019. Several presentations were provided regarding data that is to be included in the upcoming IRM study. A sensitivity list was approved which included future high renewables penetration and will go to EC for approval next week. The IRM study is on schedule as of this point.

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The meeting ended at 12:30- PM

**8. Next Meeting No. 241**

Thursday, September 5th , 2019; 10:00 AM @ NYSERDA, 17 Columbia Circle, Albany.