

***Meeting of the  
New York State Reliability Council, L.L.C. (NYSRC)  
Reliability Rules Subcommittee (RRS)***

***Minutes of RRS Meeting #261  
Thursday, November 4, 2021***

**RRS Members and Alternatives:**

|                    |                     |                  |
|--------------------|---------------------|------------------|
| Roger Clayton      | EPR, LLC            | Member/Chairman  |
| Michael Ridolfino  | Central Hudson      | Member           |
| Frank Grimaldi     | NYPA                | Alt. Member      |
| Brian Shanahan     | National Grid       | Member           |
| Zoraini Rodriguez  | PSEG/LIPA           | Member           |
| Muhammad Ibraheem  | PSEG/LIPA           | Alt. Member      |
| Michael Mullin     | Consolidated Edison | Alt. Member      |
| Salvatore Spagnolo | NYPA                |                  |
| Brian Gordon       | NYSEG/RGE           | Member/Secretary |

**RRS Non-Voting Participants:**

|                |            |
|----------------|------------|
| Paul Gioia     | Counsel    |
| Jim Grant      | NYISO      |
| Mark Capano    | NYISO      |
| Al Adamson     | Consultant |
| Wesley Yeomans | NYISO      |
| John Stevenson | NYISO      |
| Rahul Pandit   | PSEG/LIPA  |
| Dan Head       | PSEG/LIPA  |

**Agenda Items**

**1.0 Introduction**

Meeting 261 was called to order by Mr. Clayton at 09:30.

**1.1 Executive Session**

No Executive Session was requested.

**1.2 Requests for Additional Agenda Items**

Critical Gas-Electric Infrastructure presentation

**2.0 Approval of Meeting Minutes/Action Items**

RRS Final Minutes of Meeting 261 November 4 2021[19374].doc

## **2.1 RRS 260 Approval of Minutes**

The minutes of RRS Meeting #260 (September Meeting) revised and approved with additional attendee information.

## **2.2 RRS 260 Status Report to EC**

Covered Status report.

## **2.3 RRS 260 Action Item List**

The following Action Items were reviewed:

AI 260-1 Develop a draft glossary term for emergency transfer limits  
Change date to November 30.

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

### **3.1 Potential Reliability Rule (PRR) List Outstanding**

Mr. Adamson discussed the PRR that he is developing to clarify the one day in ten resource adequacy criterion based on MARS program calculation of events per year rather than days per year. This will require coordination between NYISO and NPCC.

### **3.2 PRRs for EC final approval after posting**

No comments.

### **3.3 PRR posted for comments**

No comments.

### **3.4 Discussion Items**

#### **3.4.1 Future Changes in Transmission Planning**

General discussion.

#### **3.4.2 NERC Alert (Extreme Cold Weather Events)**

Mr. Yeomans and Mr. Stevenson presented the NERC Alert prompted by recent extreme cold weather events in Texas. For recommendation 1, NYISO has already enhanced its normal seasonal assessments but noted approach may change in the future to account for renewables. For recommendation 4, NYISO has identified 83 gas-electric infrastructure assets in the survey but transmission owners have responsibility for other critical infrastructures like hospitals, transportation, water, and police, etc.

### **3.4.3 Emergency Transfer Limit Discussion**

Draft presentation was provided along with NERC and NPCC definitions. Mr. Clayton and RRS proposed number 2 option based on the NYSRC Normal Transfer Limit but table recommendation for adoption pending NYISO review. **ACTION ITEM 261-1 Mr. Grant will commence NYISO internal review.**

### **3.4.4 NYSRC Goals and Actions**

RRS reviewed the draft goals document and highlighted near term deadlines with A and B.

#### **3.3.4.1. Renewables PRR(s) White Paper (Goal A.2A)**

Mr. Shanahan has scope for ICS with goal due for RRS in December.

#### **3.3.4.2. Extreme Weather and System Conditions PRR(s) Scope (Goal B.1A)**

Mr. Adamson drafted a scope to be presented at next meeting. Purpose of white paper and need for RR changes.

Mr. Adamson discussed the multiple metrics that can be used for reliability measures. Currently using LOLE for a reliability metric. The white paper mentioned that the unserved energy was more meaningful metric for measuring reliability impacts for larger events like was experienced in California 2020 and Texas 2021.

## **4.0 Informational Items**

### **4.1 NERC Odessa Disturbance Report**

Reviewed the Texas Odessa disturbance report. It described an event where a normally cleared fault tripped over 1,100MW of PV in a radius up to 200 miles away from the initialing fault location. **ACTION ITEM 261-2 NYISO has been requested to develop a report on NYISO PV standards related to fault operations.**

### **4.2 FERC 2021 Annual Technical Conference on Reliability**

Mr. Clayton reviewed the Technical Conference summary with four panels covering BPS security, extreme weather, managing cyber risks, and maintaining reliability with the resource mix changes.

The president of NERC made the following comments in the introduction: renewables not assuming 100 percent renewables and battery will be available by published deadlines (70/30 example), natural gas has to be the bridging fuel, traditional reserve margins no longer work and must develop energy based criteria, need for improved resiliency of network for extreme weather events, demand response is key resource, increase is needed for battery storage; conversion to renewables will impact cost, and need for increased resource reserve margins.

## **5.0 NPCC Directories**

**5.1** Directory 12 is now retired and a new regional standard has replaced this directory.

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

### **6.1 NERC Standard Tracking**

No new standards topical areas have been posted.

## **7.0 Additional Agenda Items**

### **7.1 PSC Notice of Denial Danskammer and Astoria**

Danskammer is not economical to run due to clean air restrictions, with similar situation for Astoria. In the PSC notice of denial, it cited the NYISO 2020 RNA for 2024 to 2030 found LOLE from 2027 to 2030 a deficiency in zone J. However, the same report described solutions of increased transfer capability and additional resources. EC emails follow-up if any new gas units would be approved. Local transmission owner plans were used to meet the RNA LOLE situation. For 2030 RNA, it did not include full potential of non-renewables maybe the next RNA will be able to include a better view of the resource mix.

## **8.0 Reports**

### **8.1 NYSRC EC Meeting Report**

None

### **8.2 NYSRC ICS Meeting Report**

IRM meeting was on November 3 which reviewed first draft of IRM report. First draft report for IRM was listed as 19.1% with last year as 20.7%. EOR sensitivity was reviewed. Staff questioned multiple metrics. Number of EOR calls still high.

## **9.0 Next Meeting**

Meeting #261 was adjourned at 11:22.

The next meeting (#261) is scheduled for Thursday, November 30, 2021 at 10:00 by WEBEX.