

***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
Brian Gordon	NYSEG/RGE	Member/Secretary

RRS Non-Voting Participants:

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

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 Draft Minutes of Meeting 261 November 4 2021 Rev 1[19276].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 NEERC 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. NYISO has been requested to develop a report on 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 Notice of Denial Danskammer and Astoria

Danskammer is not economical to run due to clean air restrictions, with similar situation for Astoria. In the 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. Email follow-up questioned 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.