

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

***Draft Minutes of RRS Meeting #259
Thursday, June 3, 2021***

RRS Members and Alternatives:

Roger Clayton	Chairman	
Michael Ridolfino*	Central Hudson	Member
Frank Grimaldi	NYPA	Alt. Member
Mohammed Hossain	NYPA	Member
Brian Shanahan	National Grid	Member
Zoraini Rodriguez	PSEG/LIPA	Member
Daniel Head	PSEG/LIPA	
Michael Mullin	Consolidated Edison	Alt. Member
Rahul Pandit	PSEG/LIPA	
Muhammad Ibraheem	PSEG/LIPA	Alt. Member
Brian Gordon*	NYSEG/RGE	Member

RRS Non-Voting Participants:

Al Adamson	Consultant
Paul Gioia	Counsel
Humayun Kabir	DPS
Frank Ciani	
Thinh Nguyen	NYISO
Jim Grant	NYISO
Mark Capano	NYISO
Keith Burrell	NYISO

Agenda Items

1.0 Introduction

Meeting 259 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

Mr. Clayton will provide a report on the FERC Extreme Weather Forum June 1 and 2 under meeting item 5.1. Mr. Adamson will provide additional information on a new agenda item to discuss a Reliability Rules glossary definition for emergency transfer limit. There is a Reliability Rule glossary

definition for normal transfer limit but no corresponding glossary definition for emergency transfer limits.

2.0 Approval of Meeting Minutes/Action Items

2.1 RRS 258 Approval of Minutes

The minutes of RRS Meeting #258 (March Meeting) was approved.

2.2 RRS 258 Status Report to EC

Same report as last meeting.

2.3 RRS 258 Action Item List

The following Action Items were reviewed:

AI 258-2 IP3 retirement

All documentation received from the NYISO concerning the IP3 retirement. Exception 8 will be removed in the documentation.

AI 258-1 Extreme weather

Mr. Clayton has been working with the NYISO on extreme weather issues related to IRM concerns using the 2020 RNA study. Mr. Clayton requested if Mr. Grant can provide the group an update on the progress for this action item for the next meeting. Ongoing Action Item 258-1 to include Mr. DePugh along with Mr. Grant.

3.0 NYSRC Reliability Rules (RR) Development

3.1 List of Potential Reliability Rule Changes

RRS reviewed the list of potential rule changes.

None

3.2 PRR for EC final approval after posting

Nothing new to report

3.3 PRR posted for comments

Nothing new to report

3.4 Discussion Items

3.4.1 NYSRC Goals and Actions

Since NYSRC is a corporation, goals are an appropriate activity in order to identify targets and measure target progress. A draft of NYSRC goals was present by Mr. Clayton to the RRS. Goals listed were A through E with each goal's action labeling the responsible group. Progress will be tracked in the last Progress Target column. ICS and RRS needs to work closer to avoid conflict or duplication. Goals have been met over the years; however, the purpose of identifying goals are to track activity progress throughout the year. RRS commented and highlighted the extreme weather considerations in the goals. **Action Item 259-1 Mr. Shanahan will provide ICS comments on the draft goals and will forward to ICS as well. Action Item 259-2 RRS to provide comments on draft goals.**

3.4.2 NYS DPS/NYSERDA “Initial Report on the New York Power Grid Study - Appendix E Zero Emissions Electric Grid in New York by 2040”

Mr. Clayton presented to the Initial Report on the New York Power Grid Study - Appendix E Zero Emissions Electric Grid in New York by 2040. He brought to RRS attention section 2.2.3 Step 3: Long Term Capacity Expansion. Mr. Clayton is questioning the ability maintain the same 18.7% 2020 IRM even with higher renewable concentrations. He also brought to RRS attention section 4.1.2 Capacity Expansion – Zero Emissions by 2040. He pointed out that the addition of all generation resources projected for 2040 yields 88 GW or a 132% IRM. These are remarkable results and the IRM value is confusing and it does result in many questions that need to be asked. RRS mentioned that response on this report is required. Some feedback was received on the generation assumptions for renewables but no mention about the high level of thermal that would exist in 2040. **ACTION ITEM 259-3 Mr. Clayton will provide to RRS a list of National Grid questions that was generated from this report.**

3.4.3 NYS CAC “Power Generation Advisory Panel Recommendations”

Mr. Clayton reviewed this report with RRS and highlighted some of RRS areas concerning distributed generation, energy storage, demand side management, reliability, technology solutions, and long duration storage technology.

4.0 Informational Items

4.1 Update – NYSRC EC Report “Decarbonization & DER Activity”

Mr. Clayton provided RRS some items of interest from the 14 recommendations in the report. The study was done for 2030 and it showed an energy imbalance for levels of 40% solar and 60% wind on eastern interconnection. It was also noted that the New York State will be projected to become winter peaking in the year 2039. The NYISO Interconnection tables were also reviewed.

4.2 RRS Scope Rev 4 3-24-21

NYSRC EC agreed to the change in scope of the RRS as shown in yellow as a clarification. New, review, revisions, removal or modifications of exceptions will all require RRS review and comment followed by EC approval.

4.3 Rescission of NYSRC Exception #8

All documentation received from the NYISO concerning the IP3 retirement. Exception 8 will now be removed in the documentation for Exceptions.

5.0 NPCC Directories

5.1 None

6.0 NERC SARS/Organization Standards

6.1 NERC Standard Tracking

Mr. Adamson requested balloting recommendation for CIP 002-12. Cold weather standards require a voting recommendation as well. RCC met on May 26 and approved RCMS agenda for 2020 Comprehensive transmission Review. NPCC goals mentioned communication risk with restoration and identify DER modeling best practices for reliability assessments. **Action Item 259-4 Mr. Adamson agreed to develop a draft glossary term of emergency transfer limits for the next meeting.**

7.0 Additional Agenda Items

7.1 Extreme weather creating events which is quantified by monetary language of over \$1 billion resulted in 22 events for 2020. The total cost was \$94.6 billion dollar for 2020 which is the highest on record. Website shows locations of events for western fires, coastal hurricanes, mid-state tornados but no events in the northeast. Northeast risks are more related to winter storms. It was noted that extreme weather cannot rely on historical trends. One in ten criteria is not appropriate going forward for extreme weather but requires the need for frequency and duration calculations. Extreme weather should not be included in average reliability but accounted for by event based on extreme weather due to low probability. There is a need to better coordinate gas and electric system maintenance. The overall take away is that the one in ten criteria is not suitable and that extreme weather should not be calculated in average reliability statistics.

8.0 Reports

8.1 NYSRC EC Meeting Report

None

8.2 NYSRC ICS Meeting Report

Review of base case assumptions and load forecast uncertainty. Long discussion about inclusion and exclusion criteria (new registration required on 3 to 4 months in advance). Timing is critical with inclusion vs. exclusion in the IRM results. The preliminary parametric result is currently forecasted to be projected at 19.0% IRM. Concern of MARS EOP usage reserves in model.

9.0 Next Meeting

Meeting #259 was adjourned at 11:30.

The next meeting (#260) is scheduled for Thursday, July 1, 2021 at 9:30 by WEBEX.