

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

***Minutes of RRS Meeting #257
Thursday, January 7, 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
Dan Head	Consolidated Edison	Alt. Member
Martin Paszek	Consolidated Edison	Member
Zoraini Rodriguez	PSEG/LIPA	Member
Muhammad Ibraheem	PSEG/LIPA	Alt. Member
Michael Mullin		
Brian Gordon	NYSEG/RGE	Member

RRS Non-Voting Participants:

Al Adamson	Consultant
Jim Grant	NYISO
Mark Capano	NYISO
Chris Sharp	NYISO
Paul Gioia	Counsel

Agenda Items

1.0 Introduction

Meeting 257 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

None

2.0 Approval of Meeting Minutes/Action Items

2.1 RRS 256 Approval of Minutes

The minutes of RRS Meeting #256 was approved with minor change.

2.2 RRS 256 Status Report to EC

Report was short and delivered to EC.

2.3 RRS 256 Action Item List

The following Action Items were reviewed:

AI 256.1 Organize a presentation by Advanced Energy Research and Technology Center on state of intermittent resources.

This item will be done at the EC and withdrawn from Action Items.

AI 255.1 NYISO to discuss IEEE 1547 -2018 at January RRS meeting

This item will be discussed later during this RRS meeting.

AI 254-1 Schedule meeting with NYISO to discuss high stress PRR

Extreme weather events is ongoing and more to report at this meeting.

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 California's August 14/15 2020 Emergencies.

This report discussed the required market changes to improve resource adequacy. It recommends that modifications are to be made to import scheduling and that the scheduling coordinator make changes to planned outage conditions and the planned outage process. Report also recommends

changes to import provisions to include types of resources, import capacity, and import attestation requirements. It recommends that imports must be supported by transmission service. It was mentioned at the RRS that the NYISO does not request firm service for imports but they perform analysis to verify deliverability. California ISO is extending its backstop capacity to fulfill any identified resource deficiency. Currently, various agencies perform that function but this report identifies that the California ISO is to be that sole authority. UCAP values on flexible resources will be reviewed to make sure resources will be provided for in the scheduling time frame.

3.4.2 NYCA Potential Long –Term Risk Elements.

NERC is having a Reliability Summit on January 26 and 27. The agenda includes grid transformation, shift from conventional generation to non-traditional resources, non-sync resources, renewables, battery, demand response, and micro-grids. It highlighted the challenges to System Planning, Resource Adequacy, situational awareness, and training. Extreme natural events, cyber security, and personnel event challenges will also be covered.

3.4.3 DER Interconnection Standard IEEE1547-2018

NYISO Tariff needs to agree with the TO interconnection requirements. NYISO is in the process of addressing these issues. NYISO is working with the TO requirements for the inverter based resources with focus on primarily on the frequency and voltage settings. These requirements are scheduled to be completed in 2021. Requirements may result in a NYISO guidance document or to be included within each TO interconnection requirement document.

On bulk system, NERC has under and over frequency settings on generators so inverter based resources should be as stringent as the generation requirement. For the non-bulk system, the settings may need to be even more stringent to provide proper voltage control to the distribution system. NYISO is working with the ITWG on these settings. Process will be taking a look at the progress and direction from the IEEE 2800 standard for source of guidance.

4.0 Informational Items

4.1 Update Resource Adequacy Working Group

RRS and NYISO have been reviewing different metrics for measuring resource adequacy, in particular, the loss of load metrics of LOLE, LOLH, EUE. NYISO recently supplied additional information for the various metrics.

4.2 Update – Assessment of Extreme Weather on NYCA Reliability

This assessment is to study high wind and no sun assumptions. The NYISO has agreed to study the impact of this extreme weather assumption on the

2020 RNA 70by30 case with historic wind and sun records. Results are expected to be available in January.

4.3 IEEE 2800 – Interconnection and Interoperability of IBR

This IEEE Standard deals with grid connected renewables with inverter based resources. The IEEE 2800 standard is expected to be finalized by the fourth quarter of 2021 with the associated testing standard 2800.1 in the year 2022. This process towards a new standard will be good resource to keep in mind.

5.0 NPCC Criteria

5.1 None

6.0 NERC SARS/Organization

6.1 NERC Standard Tracking

The voting for FAC 008-5 is due next week. So far all suggestions received are to vote in the affirmative.

7.0 Additional Agenda Items

7.1 None

8.0 Reports

8.1 NYSRC EC Meeting Report

None

8.2 NYSRC IC Meeting Report

Two main issues were the milestone schedule for 2021 and discuss the white papers to be needed for this year.

9.0 Next Meeting

Meeting #257 was adjourned at 10:10.

The next meeting (#258) is scheduled for Thursday, February 4, 2021 at 9:30 by WEBEX.