

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

***Draft Minutes of RRS Meeting #277
Thursday, May 4, 2023***

RRS Members and Alternatives:

Roger Clayton	EPR, LLC	Member/Chairman
Saud Amin	CONED	Alt Member
Damian Interrante	CHGE	Member
Brian Shanahan	National Grid	Member
Frank Grimaldi	NYPA	Alt. Member/Secretary
Robert Eisenhuth	PSEGLI	Member
Muhammad Ibraheem	PSEGLI	Alt. Member

RRS Non-Voting Participants:

Paul Gioia	Counsel
Wesley Yoemans	Consultant

Guests:

Keith Burrell	NYISO
Chris Sharp	NYISO
Jim Grant	NYISO
Kevin Depugh	NYISO
Humayun Kabir	DPS

Agenda Items

1.0 Introduction

-Meeting 277 was called to order by Roger Clayton at 10:13.

1.1 Executive Session

None.

1.2 Requests for Additional Agenda Items

1.2.1 Next RRS Meeting In Person

2.0 Approval of Meeting Minutes/Action Items

2.1 RRS 276 Approval of Minutes -R. Clayton

-Minutes reviewed and approved for meeting 276.

2.2 RRS 276 Status Report to EC -R. Clayton

None.

2.3 RRS 276 Action Item List -R. Clayton

The status of Action Items are as follows:

Action Item 83-8: Ongoing
Action Item 228-1: Ongoing
Action Item 232-6: Ongoing
Action Item 236-1: Ongoing
Action Item 275-1: Retired
Action Item 276-1: Retired
Action Item 276-2: Ongoing
Action Item 277-1: Added
Action Item 277-2: Added

3.0 NYSRC Reliability Rules (RR) Development

3.1 Potential Reliability Rule (PRR) List Outstanding -R. Clayton

None.

3.2 PRRs in development

3.2.1 PRR 150 Resource Adequacy Requirements for Mitigating the threats of Extreme Weather -C. Dahl

Comments were received and are being reviewed.

3.3 PRRs for EC final approval after posting – PRR 151 under review

3.3.1 PRR 151 “Establishing Minimum Interconnection Standard for Large Facility Inverter Based Resources (IBR)” -R. Clayton

Roger will reach out to EPRI about how to get access to their IBR document containing the interconnection decision points. (AI 277-1)

3.3.2 PRR 151 Presentation -R. Clayton

Presentation provided to RRS for informational purposes.

Roger will post the presentation with comments received on PRR 151. (AI 277-2)

3.3.3 PRR 151 Comment period closed COB 4/27/23. Please reference:

<https://www.nysrc.org/PRR%20Comments%20Received.html> -R. Clayton

Reviewed categories of comments made by Stakeholders which include:

- Reliability vs delay in implementation
- Modeling need
- Implementation/Timing
- Impact of IEEE 2800.2
- Application to I/C Process
- Scope re adoption of IEEE 2800 requirements
- Stakeholder compliance ability
- Design Evaluation Requirements
- Technical Issues
- Surveys
- Exceptions/exemptions
- Retroactive application/grandfathering

Next steps will include developing responses to the comments, stakeholder outreach, consideration of PRR151 revisions based on comments received, and EC decision on reposting for further comments.

3.4 Discussion of Potential New Rules

3.4.1 Embedded HVDC

No comments at this time on whether a rule would be needed for embedded HVDC.

3.4.2 Wind Lull/PV Lull

Extreme Weather Working Group is discussing the need for a new rule.

4.0 Extreme Weather WG

4.1 WG Report - R. Clayton

Reviewed Wind Lull report. The analysis looked at the output of the wind at various periods at seven potential locations for off-shore wind projects and determined that the net output of the turbines capacity would have been <10% for a significant amount of time regardless of which location was chosen.

The longest wind lull over a 21-year period was 86 continuous hours below 10% net output capacity.

Data is being collected for PV lull.

5.0 Inverter Based Resources WG

5.1 IBR WG Report -R. Clayton

Nothing to report.

6.0 NERC SARS/Organization Standards

6.1 NERC Standard Tracking -W. Yeomans

Reviewed the NERC reliability standard balloting summary.

7.0 Additional Agenda Items

7.1 Next RRS Meeting In Person

The next RRS meeting will be held at the NYISO on June 1.

8.0 Reports

8.1 NYSRC EC Meeting Report -R. Clayton

Discussed PRR 151 and will be reviewing comments received in the next meeting.

8.2 NYSRC ICS Meeting Report -B. Shanahan

-White paper on load forecast uncertainty.

-How to scale different load bins for each hour of the month. DPS is concerned that we are experiencing higher load periods that last longer than expected, however it's a low probability of occurring.

-Proposed updated methodology for forecasting winter loading

9.0 Next Meeting

Meeting #277 was adjourned at 11:09 PM.

The next meeting (#278) is scheduled for Thursday, June 1, 2023 at 10:00 am at the NYISO.