

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

***Draft Minutes of RRS Meeting #275
Thursday, March 2, 2023***

RRS Members and Alternatives:

| | | |
|-------------------------|---------------|-----------------------|
| Roger Clayton | EPR, LLC | Member/Chairman |
| Martin Paszek | CONED | Member/Vice Chairman |
| Saud Amin | CONED | Alt. Member |
| Damian Interrante | CHGE | Member |
| Michael Ridolfino | CHGE | Alt. Member |
| Brian Shanahan | National Grid | Member |
| Mohammed (Arif) Hossain | NYPA | Member |
| Frank Grimaldi | NYPA | Alt. Member/Secretary |
| Brian Gordon | NYSEG | Member |
| 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 |
| Dan Head | CONED |
| Rahul Pandit | PSEGLI |
| Reigh Walling | WALLING |
| Humayun Kabir | DPS |
| Michael Minnolera | INDECK |

Agenda Items

1.0 Introduction

-Meeting 275 was called to order by Roger Clayton at 10:01.

-Welcomed members of the IBR working group as guests to the meeting.

1.1 Executive Session

None.

1.2 Requests for Additional Agenda Items

-Discuss in person RRS meetings.

2.0 Approval of Meeting Minutes/Action Items

2.1 RRS 274 Approval of Minutes -R. Clayton

-Minutes for meeting 274 approved.

2.2 RRS 274 Status Report to EC -R. Clayton

-Request to remove NYSRC Exception #22 approved by EC.

2.3 RRS 274 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

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

-Being handled by Extreme Weather Working Group.

3.2.2 PRR 151 Establishing Minimum Interconnection Standards for Large Facility Inverter Based Resources (IBR) -R. Clayton

Discussed PRR 151 and reviewed an updated redline copy of the requirements.

Changes to the document included:

- Added Levels of Non-Compliance
- Removal of the language “on an expedited basis”
- Added information for the implantation plan of the requirement
- New Glossary term added, Large IBR

Q: Does it apply to new and/or existing IBRs?

A: Discussion leans toward applying to new IBR’s because upcoming NERC regulations will impact all existing and new IBR’s.

The NYISO expressed their support for adopting rules that address IBR’s but raised the following concerns for the implementation of PR151:

1. Pointing to specific sections of the IEEE 2800 standard is an issue because the standard needs to be purchased and isn’t available to the public. Prefers to state the criteria within the rule so that discussions surrounding the PRR can be more transparent.
2. IEEE 2800 gives very specific performance values (Voltage or frequency ride through).
3. IEEE 2800 requires 120 decisions for an entity to be able to certify and requires a significant amount of effort between NYISO and stakeholders.
4. Definitions of IEEE 2800 – The divisions of responsibility should be clarified between the Transmission Owner and the NYISO.

Due to these concerns the NYISO suggested revising the implementation timeline from 6 months to 2 to 18 months.

Discussion about the 120 EPRI decision points continued and was the main driver of wanting to extend the implementation timeline.

3.3 PRRs for EC final approval after posting

PRR 151 was voting on and sent to EC with the 6 month implementation timeline.

Martin Paszek – Abstain

Brian Shanahan – Abstain

Both abstentions were in support of the NYISO wanting to extend implementation more than 6 months.

3.4 PRR posted for comments

None.

4.0 Extreme Weather WG

4.1 WG Report -R. Clayton

Meeting this week. Discussed the identification of wind lull and solar lull and the compounded effects of both being in a lull condition. Database made available from NYISO information of offshore wind for a 21 year period. Initial analysis shows periods where wind was less than 10% capacity factor for up to 3 consecutive days.

Will invite Curt Dahl to present on this topic.

5.0 Inverter Based Resources WG

5.1 IBR WG Report -R. Clayton

-Develop attachment A for PRR 151.

6.0 NERC SARS/Organization Standards

6.1 NERC Standard Tracking -W. Yeomans

-Reviewed the NERC Reliability Standard Balloting Summary

-Wes will be reaching out to members so he can cast votes on their behalf.

7.0 Additional Agenda Items

7.1 2022 Highlights Report -R. Clayton

-Reviewed 2022 RRS Report

7.2 In Person RRS Meetings

-Proposed RRS meeting be held at NYISO on Thursday May 4th. No objections, Roger will coordinate the meeting.

-NYISO wants a head count in order to reserve the conference room.

8.0 Reports

8.1 NYSRC EC Meeting Report -R. Clayton

-EC approved removal of Exception 22.

8.2 NYSRC ICS Meeting Report -B. Shanahan

1. Presentation on policy 5 modification related to determining interface transition rates mainly for cables following the replacement/refurbishment of cables.

-Concerns for how system risk is represented. Will be discussed further at EC meetings.

2. Presentation on Functionally Unavailable Capacity. Recommendation to reconsider if this generation should be considered in its emergency supply. Example give of nuclear plant that is consistently operating below their DMNC output during peak load conditions.

9.0 Next Meeting

Meeting #275 was adjourned at 12:00 PM.

The next meeting (#276) is scheduled for Thursday, March 30, 2023 at 10:00 am by WEBEX.