

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

***Draft Minutes of RRS Meeting #282  
Thursday, November 2, 2023***

**RRS Members and Alternatives:**

Roger Clayton	EPR, LLC	Member/Chairman
Damian Interrante	CHGE	Member
Michael Ridolfino	CHGE	Alt Membe
Frank Grimaldi	NYPA	Alt Member/Secretary
Rahul Pandit	PSEGLI	Alt Member
Martin Paz		

**RRS Non-Voting Participants:**

Wesley Yoemans      Consultant

**Guests:**

Keith Burrell	NYISO
Chris Sharp	NYISO
Bruno Leonardi	NYISO
Alison Stuart	NYISO
Phanindra Guthi	NYISO
Praneeth Mudunuri	NYISO
Ean Stevenson	NYISO
Greg Campoli	NYISO
Bill Porter	NYISO
Dan Head	CONED
Humayun Kabir	NYS DPS
Cori Tackman	NYSRC

## **Agenda Items**

### **1.0 Introduction**

Meeting 282 was called to order by Roger Clayton at 10:00.

#### **1.1 Executive Session**

None.

#### **1.2 Requests for Additional Agenda Items**

NYSRC 2024 Goals

New Glossary Term – Include HVDC in Black Start Facility Definition

### **2.0 Approval of Meeting Minutes/Action Items**

#### **2.1 RRS 281 Approval of Minutes -R. Clayton**

Minutes reviewed and approved for meeting 281.

#### **2.2 RRS 281 Status Report to EC -R. Clayton**

No update.

#### **2.3 RRS 281 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 279-1: Complete  
Action Item 281-1: Ongoing  
Action Item 281-2: Ongoing  
Action Item 281-3: Ongoing  
Action Item 281-4: Ongoing  
Action Item 281-5: Ongoing

### **3.0 NYSRC Reliability Rules (RR) Development**

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

Reviewed Outstanding PRR List.

PRR150 will likely be retired depending on PRR153.

PRR151 final draft is ready for review and will be making a recommendation for EC to post for additional comments.

PRR152 will be retired as it will be covered by PRR153.

### **3.2 PRRs in development**

#### **3.2.1 PRR 152: System Conditions for Transmission Planning Performance Requirements Covering Wind and/or Solar Generating Resources -R.Clayton/C.Dahl**

Will be retired and replaced by PRR153.

#### **3.2.2 PRR 153: Sudden Loss of Fuel Delivery System to Multiple Solar & Wind Plants as a Category II Design Contingency in Table B-1 -R.Clayton/C.Dahl**

Sudden loss of fuel delivery systems which is currently an extreme contingency in Table B-3. The proposal is to elevate and expand to include loss of wind and solar facilities as a design contingency and include them in Table B-1.

#### **3.2.3 PRR 154: TS Planning Performance Requirements – Include a system condition of “Peak load resulting from extreme weather” for Category I Design Contingencies in Table B-1 -R.Clayton/K. Burrell**

Reviewed PRR154 which would include peak load resulting from extreme weather as a system condition that would be applicable to Design Category 1 contingencies in Table B-1.

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

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

Reviewed the latest version of PRR151.

RRS recommends sending PRR151 and procedure document to EC for approval to post.

No objection or abstentions to recommend sending PRR151 to be sent to EC for posting.

## **4.0 Extreme Weather Working Group Status Report**

### **4.1 Status Report -C.Dahl**

Developments related to PRR153 were discussed.

Discussed the NYISO's statistical analysis of renewables in relation to load levels. SUNY is doing a similar analysis.

## **5.0 IBR Working Group Status Report**

### **4.1 Status Report -R. Clayton**

No meeting to report on. Will have input from IBR members and others at the next meeting. Working with the NYISO for a spot on the OC meeting on November 16.

## **6.0 NERC SARS/Organization Standards**

### **6.1 NERC Standard Tracking -W. Yeomans**

Provided update on NERC balloting.

## **7.0 Additional Agenda Items**

### **7.1 NYSRC 2024 Goals -R. Clayton**

NYSRC 2024 goals were approved by the Executive Committee on October 14.

Reviewed NYRSC 2024 goal list.

Goals are posted on the website.

## **7.2 New Glossary Term – Include HVDC in Black Start Facility Definition -C. Sharp**

No update. Currently working with Hydro Quebec and ConEd to make sure they capture information needed to make a tariff update. Update likely in 2024.

## **7.3 NYISO’s compliance requirements for newly designated BPS Facilities -RRS**

If an interconnection of a new resource changes the status of a transmission owners element from non-BPS to BPS and facility upgrades are not in place at the time of interconnection, a Limited Operations study is performed to determine the capability of the resource.

## **7.4 Status of NPCC Directory 1 updates - R. Clayton**

NPCC requesting comments for a proposal to include revisions of IEEE standard into the applicable NPCC criteria.

IEEE standard deals with both the interconnection and operability of IBR devices.

NPCC limited their proposal to only include operability of the devices. NYSRC agreed and recommended expanding the scope to make the interconnection criteria mandatory as well.

NPCC discussed common mode failures of non-IEEE compliant IBRs.

NYSRC commented that NPCC could survey local areas to see the exposure to non-IEEE compliant IBRs and use those as the basis for the new contingency.

NPCC considered means to encourage compliance with IEEE 2800 for all existing and future IBRs.

For category II extreme system conditions, resource adequacy should be added to the performance requirements list.

NYSRC commented that NPCC should include loss of fuel as a design criteria contingency in transmission planning and resource planning.

## **8.0 Reports**

### **8.1 NYSRC EC Meeting Report -R. Clayton**

Nothing to report.

### **8.2 NYSRC ICS Meeting Report -B. Shanahan**

No update.

## **9.0 Next Meeting**

Meeting #282 was adjourned at 11:50 AM.

The next meeting (#283) is scheduled for Thursday, November 30, 2023 at 10:00 am by WEBEX.