

**Joint Meeting of the
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS) /
Reliability Compliance Monitoring Subcommittee (RCMS)
Thursday, May 31, 2018**

Minutes of RRS Meeting No. 226

RRS Members and Alternates:

Roger Clayton, Electric Power Resources (Chairman)
Larry Hochberg, NYPA (Vice Chairman)
Zoraini Rodriguez, PSEGL/LIPA (Secretary)
Brian Shanahan, National Grid
Brian Gordon, NYSEG
Michael Roszkowski, Con Edison
Martin Paszek, Con Edison
Dan Head, Con Edison
Sal Spagnolo, NYPA

Non-Voting Participants:

Al Adamson, Consultant
Jim Grant, NYISO
Mark Capano, NYISO
Chris Sharp, NYISO

Guests:

Paul Gioia, NYSRC Counsel
Humayun Kabir, DPS
Skylar Madison, NYSERDA

RRS Meeting No. 226 was called to order by Mr. Clayton at 9:30 AM.

1. Introduction

1.1 Executive Session

None requested.

1.2 Requests for Additional Agenda Items

None requested.

2. Approval of Minutes / Action Items

2.1 Approval of RRS Minutes No. 224

RRS reviewed and discussed the Minutes from the RRS # 224 (April 5, 2018) meeting. The Minutes were reviewed and accepted as final with minor edits.

2.2 Approval of RRS Minutes No. 225

RRS reviewed the Minutes from the last RRS meeting and they were accepted as final with minor changes.

2.2 RRS 225 Status Report to EC

Mr. Clayton presented to the RRS a copy of the 'RRS 225 Status Report' which he develops for the purpose of summarizing, at the next Executive Committee meeting, what RRS has done at its prior meeting.

2.3 RRS 225 Action Items List

Action Item 225-5: This action item is delayed to next meeting.

Action Item 225-4: On agenda. This action item is completed.

Action Item 225-3: Mr. Clayton suggested that RRS retire this action item because he found that the New York's Department of Public Service (DPS) website contains a lot of information and data on behind the meter resources. This information will be elaborated further in section 6.1. This action item is completed.

Action Item 225-2: On agenda. This action item is completed.

Action Item 225-1: Mr. Grant reported that this action item cannot be completed due to the CEII label on the ISONE presentation. RRS understood NYISO's predicament and concurred.

Mr. Clayton then recommended that the NYISO update RRS with the events leading up to the two – beyond criteria – Major Emergency events [AI 226-2].

Action Item 83-8: There was nothing new reported. The status remains as 'Ongoing'.

3. NYSRC Reliability Rules Development

3.1 PRR List

3.1.1 PRR Outstanding List

None. PRR 140 and 141 were approved by the EC and PRR 128 remains tabled, pending revision of NPCC Document A-10 ~~revision~~Classification of Bulk Power System Elements.

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3.2. PRRs for EC Final Approval after Posting

3.2.1 None.

3.3. PRRs for EC Approval to Post for Comments

3.3.1 None.

3.4. PRRs for discussion

3.4.1 Review of RR&CM Introduction to Section A. Resource Adequacy

Mr. Adamson looked at the possibility of changing the introduction to the A. Resource Adequacy section of the NYSRC of the Reliability ~~rules~~ Rules & Compliance Manual to reflect the changes resulting from PRR 140 and 141. He believed the introduction to the Resource Adequacy section is adequate, therefore no changes are necessary. RRS concurred.

3.4.2 Review response to NYSRC request for N-1/-1 permissible actions

“NPCC Directory #1 Design and Operation of the BPS – Criteria Clarification” response from NPCC was made final. NPCC RCC approved the response yesterday (5/30/2018). There was no discussion or objection to this response.

RRS had a long discussion to see if NYSRC should be more conservative than NPCC.

Mr. Hochberg believes that NPCC response is appropriate. This scenario could be taken care of in the real time by Operations. He stated that the Planning world is not designed to solve everything and this can adequately covered by Operations. This could also add a significant number of contingencies to Planning studies, which is cumbersome and expensive.

Mr. Shanahan, Mr. Gordon and Ms. Rodriguez agreed with Mr. Hochberg. NYISO stated that they see no issue in the current way of handling this contingency.

Mr. Paszek explained the reason why Con Edison wants to add the contingencies in the

studies. They would like the transmission planners to be aware of the scenarios but would not necessarily trigger any solutions. –

Mr. Paszek declined and pointed out that Con Edison will have internal discussion in order to ascertain if an update to Con Edison's ~~their~~ local criteria to make it more stringent is warranted.

3.4.3 Tariff revision to permit inverter based resources as synchronized reserves

This item was delayed to the next meeting, when NYISO's Mr. Markham is available.

4. NPCC Directories

Mr. Clayton reported that NPCC has posted a posting of Revised NPCC Directory Development and Revision Manual. He will send the information on strategic review of the need of the NPCC reliability criteria to RRS [AI 226-3].

5. NERC SARS/Organization Standards

5.1 NERC Standard Tracking

Mr. Adamson reviewed the NERC Reliability Standard Development Tracking Summary (dated 5-23-2018) with RRS.

6. Additional Agenda Items

6.1 REV Potential Impact on NYS BPS Reliability

Mr. Clayton reviewed the updated memo on NYSRC-DER Workshop document. He reported that Mr. Paul Haering of Central Hudson, who is the contact from the Joint Utility group, reached out to Mr. Clayton to inform him that he would join this workshop.

In essence, the scope of this workshop is split into four sections:

1. Current and future DER Penetration into NYCA
2. Regulatory Initiative

Mr. Clayton reported that at the last NPCC RCC meeting, there was a presentation on NPCC corporate goal associated with DER. They have the same position as NYSRC; specifically ~~on~~ there is not enough information and tools to address DER. There was an understanding that we have to catch up with this technology. NPCC had sent out a survey to all TOs as a preliminary observation. It was found that there are different methodologies used to model DER. There are also different rules in handling DER. Some TOs model DER in Planning but not in Operations and vice versa. The way the

data was obtained was not consistent as well. For example, New York State gets the data from the DPS website. All these methodologies should be standardized.

3. Technical Study Considerations
4. Implementation Panel Discussion.

Mr. Clayton offered to share the NPCC – RCC Agenda Item which deals with "DER Planning Practices" [AI 226-4].

Mr. Clayton informed RRS that for the first time ever, New England used less electricity midday than while they were sleeping on April 21, 2018. This is mainly due to DER, specifically solar panels.

Mr. Clayton discussed the link to the DPS website on "PV Penetration by TO". This website provided information on completed and proposed DER by each TO. Mr. Clayton asked Mr. Kabir to provide the latest information on the DPS inventory list posted on the website [AI 226-5].

Mr. Gioia advised RRS to keep in mind, the potential DER benefit on the state program on the distribution system and the wholesale benefit in payment. He pointed out the payment would be better on distribution than transmission system. This topic could be explored at the next meeting.

7. Reports

7.1 NYSRC EC Meeting Reports

Mr. Clayton reported that there is a lot of continuing interest in handling/addressing Major Emergency at the EC level. There was a request on the agenda on this topic.

The bi-monthly meeting with DEC on environmental impact was held last month. There was a discussion on the retirement of Indian Point. Competitive Power Valley (CPV) generator is still in testing phase. The gas pipeline is not completed yet.

7.2 NYSRC ICS Meeting Report

Mr. Adamson reported that ICS met on Tuesday. ICS will not be developing a new model this year. The base case assumptions for 2019 study have been completed. ICS plans to present it to the EC by July.

The meeting ended at 10:47 AM.

8. Next Meeting No. 227

Thursday, June 28, 2018; 9:30 AM @ NYSERDA, 17 Columbia Circle, Albany.