

**Joint Meeting of the
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS)/
Reliability Compliance Monitoring Subcommittee (RCMS)
NYSERDA, 17 Columbia Circle, Albany
Thursday, October 29, 2015**

Minutes of RRS Meeting No. 195

RRS Members and Alternates:

Roger Clayton, Electric Power Resources (Chairman)
Larry Hochberg, NYPA (Vice Chairman) (phone)
Partiba Anand, Con Edison (phone)
Zoraini Rodriguez, PSEG_LI (phone)
Abhilash Gari, NYPA (phone)
Brian Shanahan, National Grid
Martin Paszek, Con Edison
Brian Gordon, NYSEG/RGE
Ed Schrom, PSC

Non-Voting Participants:

Jim Grant, NYISO
Mark Capano, NYISO
Chris Sharp, NYISO
Greg Campoli, NYISO
Wayne Sipperly, NYPA
Dan Head, Con Edison (phone)
Paul Gioia, Counsel

RRS Meeting # 195 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

Reforming Energy Vision (REV) added to item 6.1. Expedited change to exceptions added to item 6.2.

2. Approval of Minutes / Action Items

2.1 Approval of RRS Minutes #194

RRS reviewed the Minutes from the last meeting. Mr. Paszek changes were incorporated and the Minutes are considered as final.

2.2 RRS Action Items List

Action Item 194-6: Status completion for the next meeting.

Action Item 194-5: Status to be changed for completion at the next meeting. After review, may remove column all together. Exceptions to Planning rules will remain until NYPA and National Grid input.

Action Item 194-4: Status change to complete.

Action Item 194-3: Status change to complete.

Action Item 194-2: Report if the NYISO use of ETC is consistent with the rule. . RRS was reminded that the reason for this AI (and bucket list item) was because RRS noticed that the NYISO was invoking Emergency Transfer Criteria (ETC) very frequently (sometimes more than 25 times in a single month) to relieve thermal constraints on the NYISO transmission system. RRS decided to review the NYISO's use of ETC for consistency with the intended use as stated in the NYSRC and NPCC rules. RRS discussed the pertinent sections of the NYSRC and NPCC rules manuals as well as the NYISO Operations manuals that deal with the conditions under which ETC may be invoked.

The NYSRC Reliability Rules address ETC in the Introduction to Section C. Transmission Operation and Glossary sections. These sections of the NYSRC rules indicate that ETC may only be used when firm load in NYCA cannot be supplied under Normal Transfer Criteria. NPCC Directory 2-Emergency Operations states in paragraph 5.1 "Normal Transfer Capabilities shall be observed unless there is insufficient capacity or voltage support in a Balancing Authority or Transmission Operator area, in which case Emergency Transfer Capabilities may be used prior to load shedding." Further, NPCC Directory 1-Design and Operation of the Bulk Power System rule R14 states "Each Reliability Coordinator and Transmission Operator shall operate to normal transfer capabilities unless an Emergency, in accordance with NPCC Directory #2 is identified". NPCC Directory 2 Appendix A states for the definition of Emergency: "Specific to NPCC, an Emergency is considered to exist in an Area if firm load may have to be shed". An interpretation of these rules suggests that ETC may be invoked only when load shedding is imminent.

The NYISO Operations manuals define Normal, Warning, Alert, Major Emergency, Restoration States. The criteria for Normal and Warning states are contained in the NYISO Transmission and Dispatching Operations Manual and the criteria for Alert and Major Emergency states are contained in the NYISO Emergency Operations Manual. According to these Operations manuals, the NYISO may only shed load after a Major Emergency is declared and the NYISO is in the Major Emergency state. However, according the NYISO operations manuals, operators are permitted to invoked ETC in the Warning state (T&D manual section 3.1.7 NYISO actions paragraph 3.a as well as the Alert state (EO manual section 2.3 paragraph 3.o). This is well

before load shedding is imminent. After further discussion, RRS concluded that it was not clear from the NYSRC rules or the NPCC criteria exactly at what stage in dealing with abnormal system conditions and “prior to load shed” invoking ETC is permissible. It was mentioned that a written description would assist in identifying the conditions of when there is a declaration of ETC. Mr. Hochberg was given an action item (**Action Item 195-1**) to obtain from NPCC an interpretation (**Request for Criteria Clarification**) of exactly what is meant in the criteria by “prior to load shedding”. RRS also noted that NPCC Directory #2 paragraph 5.1 states “The circumstances under which each of these system operating limits are applied shall be clearly indicated by written instructions.” The NYISO was given an action item (**Action Item 195-2**) to provide a copy of such instructions to RRS of when ETC is to be declared before a given scenario and what conditions the ETC shall be applied. The NYISO remembered a previous presentation was made by the NYISO to the RRS. The NYISO offered to find this previous PowerPoint presentation and resend this to the RRS as part of the same action item..

Action Item 194-1: PRR 120, 121, and 122 action items with the review of the 10 minute reserve description. Status is to be changed to Complete.

Action Item 193-2: Status is still going to be ongoing. The NYISO also reported that they did not notify the Transmission Owners last year during a fuel shortage event affecting generation in the Transmission Owner’s service territory.

Action Item 192-2: Status is still ongoing. The NYISO stated that Con Edison will not be included in a meeting that the NYISO will have with generators that experienced fuel switching failures.

Action Item 191-2: Status is still ongoing.

Action Item 189-6: Status is still ongoing.

Action Item 188-1, 2, 3: On agenda today and status is changed to complete.

3. NYSRC Reliability Rules Development

3.1 Outstanding PRR List

3.1.1 PRR 120 Transmission System Planning Performance Requirements

PRR 120 is being reviewed at the NYISO. PRR 120 has been modified to include specifically 10 minute reserve action to correct reliability problems within 30 minutes.

3.1.2 PRR 121 B.2, Transmission Planning Assessments

NYISO is reviewing PRR 121 for corrective action plan changes.

3.1.3 PRR 122 C.1, Establishing Operating Transfer Limits

Editorial change was made on PRR 122. NYISO is reviewing.

NYISO and RRS will review PRR 120, 121, 122 to perform approval at next meeting (**Action Item 195-3**).

3.2. Dual Fuel generator testing and fuel supply

NYISO has an action items on dual fuel. It was discussed that the EC will want to know what the NYISO position is regarding the need to require new dual fuel requirements for generators that will interconnect on the National Grid natural gas system for Con Edison electrical system or to rely on new or existing market rules to maintain reliable supply of fuel assurance for the generation. NYISO will provide fuel assurance position on gas fired generation interconnecting to the Con Edison electrical system fed from the National Grid gas system. (**Action Item 195-4**).

3.3 Bucket Item List

Item 7 is done and item 8 needs to clarify the operating states. Item 9 requires a review of all rules to identify market participant requirements. Transmission Owners may need to self-certify. All rules listed with existing market participant requirements are on the right column identifies no direct requirements and middle column is candidate to add new market participants requirements. Mr. Adamson will develop a PRR requiring the Transmission Owner to have implement Transmission Planning criteria in reliability rule B-1 (**Action Item 195-5**). Action Item for Mr. Sipperly and Mr. Gordon to review NERC rule for restoration training to make sure NERC requirements are as specific and stringent as NYSRC rules (**Action Item 195-6**). It was determined that G1 rule is not required.

4. NPCC Directories

4.1 Directory 1 Discussion

Directory one has been approved. NPCC is reviewing Directory 9 and 10 as a result of the implementing the new NERC MOD-024 and MOD-025 requirements.

5. NERC SARS/Organization Standards

5.1 NERC Standard Tracking

The vote was yes on protection standards PRC 005 and 012.

6. Additional Agenda Items.

6.1 Reforming the Energy Vision (REV)

In preparation for next month, Mr. Schrom will provide a presentation for posting before the next meeting.

6.2 Expedited change to Exceptions to the NYSRC Reliability Rules

After discussion and minor editorial changes, a decision was made to make a wording change to identify “administrative nature” to allow for an expedited change to the Exceptions to the NYSRC Reliability Rules list. The RRS recommends that this draft be forwarded for EC approval.

7.1 NYSRC EC Meeting Report

There was discussion of where microgrids may be needed in NY, discussion of generation dual fuel, Bucket List, REV, and a non-compliance issue.

7.2 NYSRC ICS Meeting Report

The IRM meeting was Tuesday. IRM has been calculated and approved at 17.0% for 2016 with a report under development. This will be submitted to the EC in December for approval.

Meeting ended at 11:50.

Next Meeting #196

Tuesday, December 1, 2015; 9:30 am @ NYSERDA, 17 Columbia Circle, Albany