

**New York State
Reliability
Council**

*2016 Reliability
Rules
Subcommittee
Report*

*Rev 1
February 22, 2017*



NYSRC 2016 Reliability Rules Subcommittee Report

Introduction

The Reliability Rules Subcommittee (“RRS”) manages the review, development, and modification of the NYSRC Reliability Rules to maintain or enhance the reliability of the NYS Bulk Power System. Reliability is monitored in accordance with the NYSRC and NYISO/NYSRC Agreements, NYSRC Policy 1, *Procedure for Reviewing, Modifying, and Disseminating NYSRC Reliability Rules*, and other processes and procedures established by the NYSRC Executive Committee. RRS is an open subcommittee whose meetings are open to all interested parties who wish to attend. Meetings are publicly posted on the NYSRC website.

The responsibilities of RRS include:

1. Recommend to the NYSRC Executive Committee processes and procedures, including Policy 1 revisions, for reviewing, developing, and modifying the NYSRC Rules.
2. Consider requests by the Executive Committee for development of new Reliability Rules or modifications of existing Reliability Rules, and recommend to the Executive Committee whether such requests should be accepted or denied.
3. For those Reliability Rule change requests approved by the Executive Committee, recommend to the NYSRC Executive Committee Reliability Rule additions or modifications. The process of developing new reliability rules and modifying existing rules, when the change is intended to enhance reliability, should consider the economic and environmental implications of the proposed rule change.
4. When requested by the Executive Committee, review and comment on requests for exceptions to the Reliability Rules.
5. Recommend to the NYSRC Executive Committee revisions to the NYSRC Reliability Rules Manual when appropriate.
6. Conduct self-assessments of the NYSRC Rules to ensure consistency with NERC and NPCC standards and criteria.
7. Participate in NPCC, NERC, or other related open processes for developing and approving new reliability standards or modifications of existing standards. Review and comment on proposed standards, when appropriate. Address issues associated with the potential impact of proposed NPCC, NERC, or other standards on New York Control Area reliability.
8. Maintain a data base for the tracking of new and revised NERC and NPCC standards and criteria.

9. Review Reliability Rule disputes and recommend potential solutions to the NYSRC Executive Committee.
10. Prepare and submit status reports requested by the NYSRC Executive Committee. Also prepare, on request, reports for the NYSRC Executive Committee to disseminate to FERC and the PSC.
11. Review system operations trending information collected by the Reliability Compliance Monitoring Subcommittee (RCMS) when requested by the Executive Committee or RCMS.
12. Develop interpretations of the Reliability Rules when requested by the Executive Committee.

2016 Highlights

NYSRC Reliability Rules and Compliance Manual

The initial NYSRC rules, adopted in 1999, were based on former New York Power Pool criteria. Since then, these rules have been revised numerous times to reflect the need for: new and modified NYSRC rules; NERC and NPCC standards; and criteria changes.

The NYSRC has always worked towards improving its Reliability Rules by introducing new Rules, revising existing Rules and retiring existing Rules when appropriate. Potential Reliability Rule (PRR) changes are considered by RRS to ensure that the NYSRC Reliability Rules and related requirements are consistent with, or more specific, or more stringent than the corresponding NERC and NPCC reliability standards and criteria.

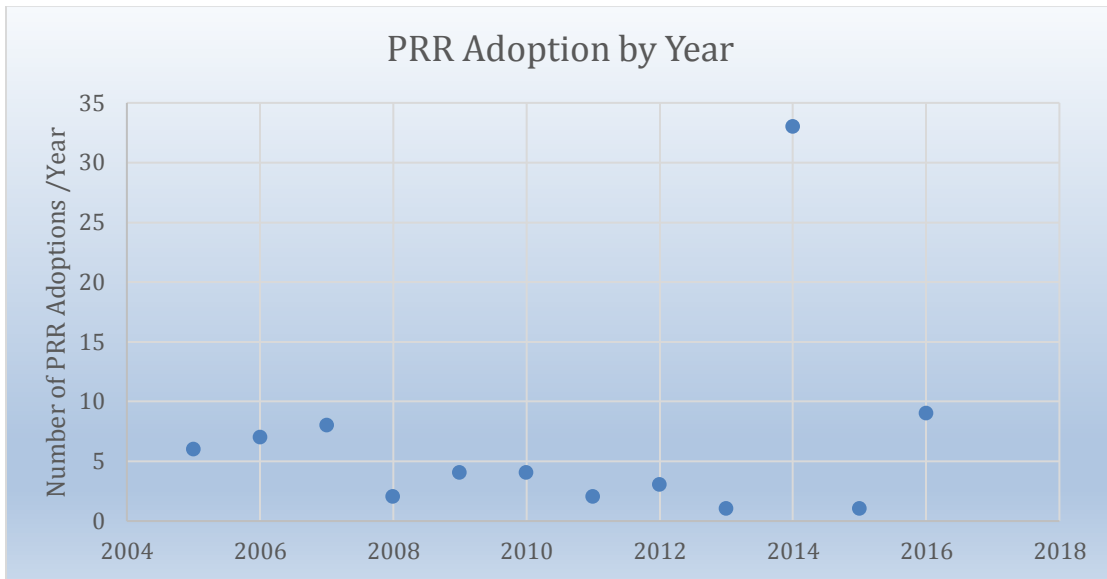
New & Revised NYSRC Reliability Rules

The following is a list of major new or revised Reliability Rules considered in 2016:

1. PRR 120 - Revision of Reliability Rule B.1
 - Transmission System Planning Performance Requirements.
 - Need: To ensure that B.1 is consistent with NPCC Directory 1 (R7 to R10)
 - Status: Adopted 3/11/16
2. PRR 121 - Revision of Reliability Rule B.2
 - Transmission Planning Assessments
 - Need: Conversion of the previous transmission assessment rules resulted in unnecessary redundancy and possibly unclear requirements. This PRR eliminates the redundancy and more clearly conveys the intent of NYSRC transmission assessment requirements
 - Status: Adopted 3/11/16

3. PRR 122 - Revision of Reliability Rule C.1
 - Establishing Operating Transfer Capabilities
 - Need: To ensure that C.1 is consistent with NPCC Directory 1 (R13 and R14)
 - Status: Adopted 3/11/16
4. PRR 128 - Glossary revision
 - Adoption of NPCC A-10 definition for NYS Bulk Power System
 - Need: Consideration of exclusion of radial facilities
 - Status: Tabled pending NPCC A-10 revision
5. PRR 130 - Revision of Reliability Rule D.1
 - Mitigation of Major Emergencies
 - Need: Clarification of the application of Emergency Transfer Criteria
 - Status: Adopted 6/10/16
6. PRR 131C - New Reliability Rule G.2
 - Loss of Gas – NYC, dual fuel testing requirements
 - Need: Annual testing to ensure reliable fuel switch over
 - Status: Adopted 11/10/16
7. PRR 132 - Revision of Reliability Rule I.4
 - Transmission Data
 - Need: Clarification of material data error
 - Status: Adopted 9/9/16
8. PRR 133 – Revision of Reliability Rule F.1, Retirement F.2
 - System Restoration
 - Need: Conform with NERC’s SRP Training and Black Start testing requirements
 - Status: Adopted 11/10/16
9. PRR 134 - Retirement of Reliability Rule I.5
 - Disturbance Recording
 - Need: NERC & NPCC more stringent
 - Status: Adopted 11/10/16

The number of PRR adoptions per year is shown in the following chart. Note that the outlier year of 2014 was due to the reformatting effort of the Reliability Rules and Compliance Manual of that year.



Conclusions

The Reliability Rules Subcommittee reached the following conclusions with regard to its 2016 activities:

1. Nine PRRs were adopted by the Executive Committee in 2016. RRS led the development of these new PRRs covering a range of new rules, revisions and retirements of the existing rules.
2. The NYISO Staff continued to provide valued assistance to RRS during 2016.
3. RRS provides an active technical forum for discussion of NYS reliability matters. All parties including Transmission Owners, Developers, the public and NYISO staff have a platform to develop new or revised Reliability Rules, and continue to do so in a collegial and cooperative manner.