

Request to Develop or Modify Reliability Rules and Requirements (NYSRC Policy No. 1-7)

Submit request to raymond40@aol.com via the NYSRC site www.nysrc.org

Item	Information
1. PRR No. & Title of Reliability Rule or Requirement change	PRR 132 I.4 Transmission Data
2. Rule Change Requester Information	
Name	Reliability Rules Subcommittee
Organization	
3. New rule or revision to existing rule?	Revision
4. Need for rule change, including advantages and disadvantages	<p>The New York State Reliability Council (NYSRC) Executive Committee adopted NYSRC's Reliability Compliance Monitoring Subcommittee (RCMS) recommendation for the NYSRC's Reliability Rules Subcommittee (RRS) <i>"to review and modify Reliability Rule I.4 and the related Requirements and to propose modifications, to the extent necessary, to clearly and objectively identify non-compliant data error submissions, and to consider any other modifications the RRS deems necessary;"</i></p> <p>This recommendation came from RCMS review of Market Participant compliance violation of Transmission Data requirement (I.4). RCMS members noted the difficulty in interpretation of Requirement I.4 as follows:</p> <ul style="list-style-type: none"> • The impossibility of perfect data accuracy [is unachievable] based upon the thousands of data items and repetitive updating of data sets. [Therefore,] it would be imprudent and impracticable to find every instance of an erroneous data submission to be noncompliant. • While all data errors require correction, most do not adversely affect reliability and judgment is required to assess materiality. It is noted that I.4, as currently written, does not require that the potential impact on reliability of the data errors be established.
5. Related NYSRC rules	None
6. Section A – Reliability Rule Elements	
1. Reliability Rule	Accurate load flow, short circuit, and stability data bases required for planning and operating studies of the NYS Bulk Power System shall be developed and maintained. The data shall include appropriate detail from adjacent control areas.
2. Associated NERC & NPCC Standards and Criteria	NPCC: Directory 1 NERC: MOD-010, 012, 031; IRO-010
3. Applicability	NYISO, Market Participants and Developers

--	--

7. Section B – Requirements	<p>R1. The NYISO shall establish and maintain procedures for the development and maintenance of load flow, short circuit, and <i>stability</i> data bases. These procedures shall:</p> <p>R.1.1. Require Market Participants and Developers to provide complete, consistent and accurate required equipment data for the data bases used to support technical analyses for preserving the reliability of the NYS Bulk Power System. This data reporting procedure shall be conducted at least annually and shall include data submission schedules, report to the NYISO accurate equipment data, including changes, which affect these data bases. The procedure shall address appropriate time requirements for reporting such data.</p> <p>R.1.2. Require Market Participants and Developers to report equipment data for facilities that are installed or modified outside of the normal reporting process. This procedure shall address appropriate time requirements for reporting such data.</p> <p>R.1.3. Require Market Participants and Developers to report to the NYISO data errors or Suspect Data that they may have identified. This procedure shall address appropriate time requirements for reporting such data.</p> <p>R.1.4. 2 Include guidelines for checking the reasonableness of equipment data (load flow, short circuit and <i>stability</i> data) to identify <i>Suspect Data</i>. The guidelines shall specify reasonable data parameters.</p> <p>R.1.5. 3 Require the NYISO to apply the guidelines in R1. 2-4 to data provided to the NYISO.</p> <p>R.1.6. 4 Require the NYISO to request verification or corrections of any <i>Suspect Data</i> from the Market Participant or Developer that provided the data.</p> <p>R.1.7. The NYISO shall maintain procedures to ensure that appropriate actions are taken when data errors are verified in data provided by Market Participants or Developers. These procedures shall require the NYISO to assess the material impact of a data error on the reliability of the NYS Bulk Power System after the misreported data was used in planning or operating studies.</p> <p>Material Impact is defined as: The NYISO assessment identifies a current system reliability violation on the NYS Bulk Power System, or The NYISO assessment identified that, within the past year, the system had been operated in an unsecured state.</p> <p>R2. Load flow, short-circuit, and <i>stability</i> data bases shall be updated by the NYISO on an annual basis or whenever system changes warrant an update, as specified by NYISO procedures required under R1. These data bases shall be made available per NYISO procedures.</p> <p>R3. Market Participants and Developers shall:</p>
-----------------------------	--

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: 10 pt, Not Bold

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Formatted: Underline

Formatted: Underline

	<p><u>R.3.1 Review and update load flow, short circuit, and stability data bases as specified by NYISO procedures required by R.1.1.</u></p> <p><u>R.3.2 Report to the NYISO equipment data for equipment additions or modifications in accordance with NYISO procedures required by R.1.2.</u></p> <p><u>R.3.3 Report to the NYISO data errors or Suspect Data that are identified in accordance with NYISO procedures required by R.1.3. Provide to the NYISO accurate load flow, short circuit and stability data in the time frame and format as specified by NYISO procedures required R1. This data will be used to maintain up to date data bases required under R2.</u></p> <p><u>R.3.4 Respond to NYISO requests for data verification or correction of Suspect Data required by R.1.6.</u></p> <p><u>R.3.5 Respond to NYISO requests for supplemental data or other information required for its assessment of the material impact of a data error on the reliability of the NYS Bulk Power System after the misreported data was used in planning or operating studies, in accordance with NYISO procedures required by R.1.7.</u></p> <p><u>R.3.3 Review and check their equipment data (load flow, short circuit and stability data) within data bases provided by the NYISO to ensure accuracy.</u></p>
8. Section C – Compliance Elements	
1. Measures	
2. Levels of Non-Compliance	
3. Compliance Monitoring Process (See Policy 4):	
3.1 Compliance Monitoring Responsibility	
3.2 Reporting Frequency	
3.3 Compliance Reporting Requirements	
9. Implementation Plan	
10. Comments	
11. Date Rule Adopted	
12. PRR Revision Dates	2/23/16, <u>2/24/16</u>

Formatted: Font: Not Bold

Formatted: Indent: Left: 0.24", First line: 0"

Formatted: Font: 10 pt

Formatted: Indent: Left: 0.24", First line: 0"

Formatted: Font: 10 pt

Formatted: Font: Not Bold

Formatted: Indent: Left: -0.01"

Formatted: Footer1, Indent: Left: -0.01"

Formatted: Footer1, Left

Formatted: Left, Indent: Left: 0", First line: 0", Tab stops: 3", Centered + 6", Right