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	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) "*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;*"

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:

• 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, not all have the potential to have a material~~most do not~~ adverse~~ly~~ impact~~ affect~~ on the reliability of the NYS Bulk Power System. The NYISO is expected to exercise its~~and~~ judgment in assessing the ~~is required to assess~~ materiality of the data error. 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	
	R1. The *NYISO* shall establish and maintain procedures for the development and maintenance of load flow, short circuit, and *stability* data bases. These procedures shall:
	R.1.1 ~~~~Require *Market Participants* ~~and *Developers*~~ to provide ~~complete, consistent and accurate~~~~required~~accurate and comprehensive equipment data for the data bases used to support technical analyses for the purpose of 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.~~
	R.1.2 ~~~~Require Market Participants ~~and Developers~~ to report accurate and comprehensive 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.
	R.1.3 Include guidelines for checking the reasonableness of equipment data (*load* flow, short circuit and *stability* data) to identify *Suspect Data*. The guidelines shall specify reasonable data parameters.
	R.1.4 ~~~~Require Market Participants ~~and Developers~~ to report to the NYISO data errors and corrections or Suspect Data that they may have identified. This procedure shall address appropriate time requirements for reporting such data.
	~~R.1. 2 Include guidelines for checking the reasonableness of equipment data (load flow, short circuit and stability data) to identify Suspect Data. The guidelines shall specify reasonable data parameters.~~
	R.1.5 ~~3~~ Require the *NYISO* to apply the guidelines in R1.~~2~~34 to data provided to the *NYISO*.
	R.1.6 ~~4~~ Require the *NYISO* to request verification or corrections of any *Suspect Data* from the *Market Participant* ~~or Developer~~ that provided the data.
	R.1.7 Require the NYISO to assess the potential for an adverse material impact of a *Market Participant*'s data error on the reliability of the NYS Bulk Power System if the data error was used in planning or operating studies.
	For this requirement, adverse material impact is defined as:
	The NYISO assessment identifies a reliability violation on the NYS Bulk Power System, or the conclusions of a NYISO planning or operating study change as a result of the data error. ~~after the misreported data was used in planning or operating studies~~
	~~Material Impact is defined as:~~ ~~The NYISO assessment identifies a current system reliability~~

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~~violation on the NYS Bulk Power System, or~~

~~The NYISO assessment identified that, within the past year, the system had been operated in an in-secured state.~~

R2. Load flow, short-circuit, and *stability* 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.

R3. *Market Participants* ~~and *Developers*~~ shall:

R.3.1 Review and update load flow, short circuit, and stability data bases as specified by NYISO procedures required by R.1.1.

R.3.2 Report to the NYISO equipment data for equipment additions or modifications in accordance with NYISO procedures required by R.1.2.

R3.3 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.~~

R.3.4 ~~2~~ Respond to *NYISO* requests for data verification or correction of *Suspect Data* r.equired by R.1.6.

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.

~~**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.~~

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<td>**8. Section C – Compliance Elements**</td>
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<td>1. Measures</td>
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<td>2. Levels of Non-Compliance</td>
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<td>3. Compliance Monitoring Process (See Policy 4):</td>
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<td>3.1 Compliance Monitoring Responsibility</td>
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<td>3.2 Reporting Frequency</td>
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<td>3.3 Compliance Reporting Requirements</td>
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9. Implementation Plan	
10. Comments	
11. Date Rule Adopted	
12. PRR Revision Dates	2/23/16, 2/24/16, 3/24/16, 4/28/16