

# NYISO Self-Certification

## Description:

### NYSRC Reliability Rule Reference (No. and Name)

#### I.4: Transmission Data

### NYSRC Requirement(s) for which compliance is being self-certified

**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* to provide 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.
- R.1.2** Require *Market Participants* 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 data screening guidelines for checking the reasonableness of equipment data (*load flow*, short circuit and *stability* data) to identify *Suspect Data*. These guidelines shall specify reasonable data parameters.
- R.1.4** Require *Market Participants* to apply the data screening guidelines in R.1.3 to data provided to NYISO. In addition, the NYISO shall apply these screening guidelines to data provided by the *Market Participants*.
- R.1.5** Require *Market Participants* 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.1.6** Require the *NYISO* to request verification or corrections of any *Suspect Data* from the *Market Participant* 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 the result of the data error.

### Compliance Monitoring Process

Compliance Monitoring Responsibility:

- M1: RCMS

Compliance Documentation Reporting Frequency:

- M1: In accordance with *NYSRC* Compliance Monitoring Program schedules.

Compliance Reporting Requirements:

- M1: *NYISO* Self-Certification

### Measure No.

<u>X</u> Full Compliance	<b>M1.</b> The <i>NYISO</i> provided evidence that it has established and maintained procedures for the development and maintenance of load flow, short circuit and <i>stability</i> data, in accordance with R.1, including the procedures and actions specified in R.1.1 through R.1.7.
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### Levels of Non-Compliance

___ Level 1	M1. Not applicable
___ Level 2	M1. <i>NYISO</i> procedures for development and maintenance of load flow, short-circuit, and <i>stability</i> data bases have been prepared, but were incomplete in one or more areas identified in R.1.1 through R.1.7.
___ Level 3	M1. The <i>NYISO</i> did not adequately apply its guidelines for identifying <i>Suspect Data</i> in accordance with R.1.5 for data provided by <i>Market Participants</i> after a review of equipment data used in a planning or operating study indicated that the data fell outside the range of reasonable data parameters.
___ Level 4	M1. <i>NYISO</i> procedures for development and maintenance of load flow, short-circuit, and <i>stability</i> data bases have not been prepared in accordance with R.1.1 through R.1.7, or the <i>NYISO</i> did not prepare guidelines for identifying <i>Suspect Data</i> .

The *NYISO* is in full compliance with I.4 (R1). Procedures for requirements R1.1 through R1.6 are documented in the Reliability Analysis Data Manual.

The procedures documented in the Reliability Analysis Data Manual were followed to update the load flow, short circuit, and stability data using Market Participant and Developer input as documented in the *NYISO* 2017 FERC Form No. 715 filing (April 1, 2017), and to update databases on an ongoing basis as system changes warranted. Requests by the *NYISO* for data verification or correction were responded to by the designated Market Participants and Developers.

In November 2016, the NYISO issued TB-238 NYISO Determination of Adverse Material Impact of Modeling Discrepancies to address new Requirement 1.7

Certified by: K. Burrell

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Date: September 29, 2017