

# NYISO Self-Certification

## Description:

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

#### **B.1: Transmission System Planning Performance Requirements**

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

**R1.** Transmission facilities in the *NYS Bulk Power System* shall be planned to meet the respective performance requirements in Table B-1 and supplemental performance requirements in Table B-2 for the *contingency* events as specified in Table B-1.

**R1.1.** Credible combinations of system conditions which stress the system shall be modeled, including load forecast, internal *NYCA* and inter-Area and transfers, transmission configuration, active and reactive *resources*, generation availability, and other dispatch scenarios. All reclosing facilities shall be assumed in service unless it is known that such facilities will be rendered inoperative.

**R2.** The impact of the extreme *contingency* events listed in Table B-3 shall be assessed.

**R3.** Extreme System Conditions, events that have a low probability of occurrence, shall be assessed, one condition at a time, to determine the impact of these conditions on expected *steady-state* and dynamic system performance. These assessments shall provide an indication of system robustness or the extent of a widespread adverse system response. The conditions to be assessed are listed in the “Extreme System Conditions” category in Table B-3.

**R4.** *Fault duty* levels shall be planned to be within appropriate equipment *ratings*. *Fault duty* levels shall be determined with all generation and all transmission facilities in service.

**R4.1** Determination of *fault duty* levels shall be with due regard to *fault* current limiting series reactor protocols.

### 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.**

<input checked="" type="checkbox"/> Full Compliance	<b>M1.</b> The <i>NYISO</i> shall maintain procedures for implementing the transmission planning criteria in R1 to through R4.
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**Levels of Non-Compliance**

<input type="checkbox"/> Level 1	M1. Not Applicable
<input type="checkbox"/> Level 2	M1. Not Applicable
<input type="checkbox"/> Level 3	M1. Not applicable.
<input type="checkbox"/> Level 4	M1. The <i>NYISO</i> did not maintain procedures for implementing the transmission planning criteria in R1 through R4, in accordance with M1.

**Notes:** The *NYISO* has planned Transmission Facilities in the NYS Bulk Power System in accordance with B.1 R1 through R4. Please see attached Report: 2015 Comprehensive ATR

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