

# NYISO Self-Certification

## NYSRC Reliability Rule:

### C.4: Operation Prior to and During Extreme Weather Conditions and Solar Magnetic Disturbances

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

##### **R1. Operation during Impending Severe Weather**

During periods when severe weather (such as, but not limited to, tornadoes or hurricanes) exists or is forecast to occur, it may be necessary to take steps in addition to those procedures normally followed, to maintain system *security*. The NYISO shall enter this mode of operation for those portions of the *NYS Bulk Power System* affected by actual or impending severe weather when requested to do so by the affected *Transmission Owners*, or at any other times when it deems necessary to preserve the *security* and *reliability* of the *NYS Bulk Power System*.

**R1.1.** When a situation exists in which the effects of impending severe weather could severely jeopardize the *security* of the *NYS Bulk Power System*, corrective actions, which would be necessary to protect for one transmission *contingency* greater than the normal criteria within the affected area, shall be implemented.

**R1.2.** *Generation* may be ordered to full operating *capacity* and transmission facilities out of service for maintenance may be ordered restored to service.

##### **R2. Operation during a Severe Solar Magnetic Disturbance**

During periods when a severe solar magnetic *disturbance* (“SMD”) exists or is forecast to occur, it may be necessary for the NYISO and *Transmission Owners* to take steps in addition to those procedures normally followed to maintain system *security*. Such steps may include, but are not limited to, restoration of transmission facilities that are out of service, cancellation of scheduled outages, and adjustment of *reactive power* dispatch.

The NYISO shall enter this mode of operation for those portions of the *NYS Bulk Power System* affected by an SMD when requested to do so by the affected *Transmission Owners*, or at any other times when it deems necessary to preserve the *security* and *reliability* of the *NYS Bulk Power System*.

**R3.** The NYISO shall maintain procedures and systems which allow for more stringent operating restrictions prior to, and during, severe weather conditions and solar magnetic *disturbances*. The NYISO shall notify the NYSRC of any changes to these procedures and systems.

## 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: Self-Certification

## Measure No.

<input checked="" type="checkbox"/> Full Compliance	M1. The NYISO maintained procedures and systems for operation during severe impending weather or solar magnetic <i>disturbances</i> in accordance with R1 and R2. Any revisions to these procedures or systems were reported to the NYSRC.
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## Levels of Non-Compliance

<input type="checkbox"/> Level 1	M1. Revisions to existing procedures or systems were not reported to the NYSRC.
<input type="checkbox"/> Level 2	M1. Documentation of NYISO procedures and systems for operation during severe impending weather or solar magnetic <i>disturbances</i> was incomplete in one or more areas.
<input type="checkbox"/> Level 3	M1. Not applicable.
<input type="checkbox"/> Level 4	M1. Documentation of NYISO procedures and systems for operation during severe impending weather or solar magnetic <i>disturbances</i> was incomplete in one or more areas.

## Reliability Rule C.4 Narrative (R1-R3)

**R1** - The NYISO Transmission and Dispatching Manual, Section 4.2.9 - Operating Under Adverse Conditions and 4.2.10 - Adverse Operating Conditions define the NYISO's authority and actions during adverse weather conditions.

**R2** - The NYISO Transmission and Dispatching Manual, Section 4.2.11 - Solar Magnetic Disturbances defines the NYISO's authority during Solar Magnetic Disturbances.

**R3** - The NYISO Transmission and Dispatching Manual, Section 4.2.9 Operating under Adverse Conditions and Section 4.2.10 - Adverse Operating Conditions defines the NYISO's authority during adverse weather conditions. The NYISO Transmission and Dispatching Manual, Section 4.2.11 - Solar Magnetic Disturbances defines the NYISO's authority during Solar Magnetic Disturbances.

**Certified by:** Jon Sawyer

**Title:** Director, Grid Operations

**Date:** June 27, 2024