

NYISO Self-Certification

Description:

NYSRC Reliability Rule Reference (No. and Name)

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 <i>NYISO</i> 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 <i>NYSRC</i> .
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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 <i>NYSRC</i> .
<input type="checkbox"/> Level 2	M1. Documentation of <i>NYISO</i> 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 <i>NYISO</i> procedures and systems for operation during severe impending weather or solar magnetic <i>disturbances</i> was incomplete in one or more areas.

Notes: R1, R2, R3: The *NYISO* Transmission and Dispatching Manual, Section 4.2.9 – Adverse Operating Conditions defines the *NYISO*'s authority during adverse weather conditions. The *NYISO* Transmission and Dispatching Manual, 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: A. Markham

Title: Director, Grid Operations

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