

NYISO Self-Certification

Description:

NYSRC Reliability Rule Reference (No. and Name)

C.5: Fault Current Assessment

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

- R1.** The *NYISO* shall perform pre-seasonal assessments, and additional re-evaluations if required by system changes, to evaluate *fault* duty at each *NYS Bulk Power System* station. The *NYISO* shall notify the applicable equipment owner and other potentially affected *Market Participants* of any location expected to exceed equipment *ratings*.
- R3.** After the equipment owner has reported its findings on the *NYISO's* assessment (as required by R2), the *NYISO*, in consultation with the equipment owner and the other potentially affected *Market Participants*, shall develop, if necessary, an appropriate mitigation plan.

Compliance Monitoring Process

Compliance Monitoring Responsibility:

- **M1:** RCMS

Compliance Documentation Reporting Frequency:

- **M1:** Annually

Compliance Reporting Requirements:

- **M1:** In accordance with Annual Compliance Monitoring Program requirements

Measure No.

<input checked="" type="checkbox"/> Full Compliance	M1. The <i>NYISO</i> (a) performed <i>fault</i> duty assessments, and (b) developed mitigation plans, if necessary, in accordance with R1 and R3. Documentation of these assessments and mitigation plans were reported to the <i>NYSRC</i> as requested.
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Levels of Non-Compliance

___ Level 1	M1. Not applicable.
___ Level 2	M1. Not applicable.
___ Level 3	M1. The required <i>fault</i> duty assessment was completed, but the <i>NYISO</i> failed to notify breaker owners of pending conditions whereby <i>fault</i> duty levels may exceed appropriate <i>ratings</i> in sufficient time to permit the condition from being prevented.
___ Level 4	M1. The required <i>fault</i> duty assessment was not completed; or the <i>fault</i> duty assessment was completed, but the <i>NYISO</i> failed to develop the required mitigation plan.

Reliability Rule C.5 Narrative (R.1 & R.3)

2023 NYISO Fault Current Assessment performed according to the NYISO Guideline for Fault Current Assessment were reviewed and approved by the NYISO Operating Committee on May 18, 2023. As a mitigation measure for certain fault current conditions identified in sensitivity analysis the Operating Protocol for Astoria East and West Stations Fault Current Mitigation, approved by the Operating Committee on May 20, 2022, was updated, and approved by the NYISO Operating Committee on May 18, 2023. Of the stations evaluated, there are no over-dutied breakers.

Certified by: Pramila S. Nirbhavane

Title: Manager, System Modeling

Date: June 29, 2023