



Manual 12

Transmission and Dispatch Operations Manual

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4.2.12. Status of Transmission and Generation Protection Systems

Background

NERC reliability standards require the NYISO to be cognizant of the status of transmission and generation special protection systems affecting the New York bulk power system.

Details

In order to assist the NYISO in performing its responsibilities as a Reliability Coordinator, Transmission and Generation Owners and Operators in the NYISO Reliability Coordination Area are required to perform the following:

1. **Coordination.** Coordinate protection systems and changes in generation, transmission, load, or operating conditions that could require changes in the protection systems of others. This coordination shall take place between the affected facility owners, including dual participating resources.
2. **Operational Status.** Notify the NYISO of changes in the operational status of all Special Protection Systems. This reporting will be to the NYISO Grid Operations Shift Supervisor via the affected Transmission Owner's control center. NYISO will notify neighboring Balancing Authorities as noted in the New York Protection Memos.
3. **Failures.** Notify the NYISO of relay or protective system operational failures which reduce system reliability. Failures should be reported immediately to the NYISO Grid Operations Shift Supervisor via the affected Transmission Owner's control center. NYISO will notify neighboring Balancing Authorities as noted in the New York Protection Memos.

References for this Section 4.2.12:

NPCC Directory D1, "Design and Operation of the BPS," December 15, 2009, or latest issue.

NERC Reliability Standard PRC-001-1, "System Protection Coordination," effective January 1, 2007, or latest issue.