

Transmission and Dispatching Operations Manual

October 2017

When multiple violations occur within the same state, actual violations shall be corrected before predicted violations. Where multiple violations of differing state criteria occur, the most serious violation shall be solved first.

2.1.3 Emergency Conditions

The NYISO Schedule Coordinator, the NYISO Shift Supervisor, or both shall forecast the likelihood of the occurrence of states other than the Normal State as far in advance as possible. If it is predicted that Load Relief, either by Voltage Reduction or Load Shedding, may be necessary during a future period, the NYISO Shift Supervisor shall notify all TOs.

For a detailed description of the procedures to be followed under these conditions, refer to the *NYISO Emergency Operations Manual* (available from the NYISO Web site at http://www.nyiso.com/public/markets_operations/documents/manuals_guides/index.jsp).

Transmission Owners shall develop the necessary communication policies with Transmission Customers. The specific operating methods used by each TO are not necessarily identical. The NYISO Shift Supervisor shall coordinate such methods to achieve uniform results.

2.1.4 General Reliability Rules

The New York State Reliability Council (NYSRC) has the responsibility to develop, establish, maintain, assure compliance with, and, from time-to-time, update the Reliability Rules, which must be complied with by the NYISO and all entities engaging in electric power transactions on the NYS Power System. The NYSRC relies upon the reliability standards, regulations, criteria, procedures, and rules established or imposed by:

- North American Electric Reliability Corporation (NERC),
- Northeast Power Coordinating Council (NPCC),
- Federal Energy Regulatory Commission (FERC),
- New York State Public Service Commission (PSC),
- Nuclear Regulatory Commission (NRC), and/or
- Any other government agency with jurisdiction over the reliability of the NYS Power System.

The NYISO, a Market Participant, or a member of the NYSRC Executive Committee may petition the NYSRC Executive Committee to seek specific and limited exceptions to NERC and NPCC criteria, provided the intent of the criteria is not compromised. The NYSRC will incorporate all new mandatory compliance rules of NERC and NPCC, unless existing Reliability Rules are more stringent.

2.1.5 Applications of the Reliability Rules

Prior to the NYISO startup, the Applications of the Reliability Rules (Applications) were existing operating procedures and local rules implemented by the Transmission Owners in New York. The Applications of the NYSRC Reliability Rules were assembled from these

procedures and acknowledged by the NYSRC. The Applications are implemented through procedures that apply to very specific system locations or conditions in New York.

As a threshold matter, please note that the NYISO's tariffs implement certain Reliability Rules directly. The implementation of the Applications of the Reliability Rules will continue to require close coordination between the transmission owners and the NYISO in order to maintain the reliability of the NYS Power System. The Transmission Owners (TO) must continue to coordinate with the NYISO on the implementation of Applications of the Reliability Rules for those portions of the New York State Transmission System ("NYS Transmission System") not included in the NYISO Controlled Transmission System.

The NYISO oversees compliance with the Reliability Rules for the New York State Power System. The NYISO performs periodic compliance reviews to determine whether the TOs are continuing to apply the Applications to a specific local area. The Annual NYSRC Compliance Program determines the frequency and schedule for the compliance reviews.

Transmission Owner Responsibilities

The TOs are responsible for implementing the Applications of the Reliability Rules for those portions of the NYS Power System that are not included in the NYISO Controlled Transmission System. Implementation of certain Applications of the Reliability Rules must be coordinated with the NYISO where the NYISO lacks the necessary analysis and/or monitoring capabilities.

The TOs shall maintain procedures to implement the Applications. Any new or revised procedure developed or modified by the TO shall be provided to the NYISO Staff for review and approval.

A Transmission Owner may define new or modified Applications of the Reliability Rules. New or modified Applications of the NYSRC Reliability Rules, proposed by a Transmission Owner are subject to review and approval by the NYISO Staff.

NYISO Responsibilities

The NYISO shall maintain the Applications of NYSRC Reliability Rules and make them in a table posted on the NYISO's website. The NYISO will review these Applications with the TOs periodically and update the table of Applications as necessary.

The NYISO Staff shall review and approve any modified or newly proposed Applications of the Reliability Rules. Following approval, the NYISO shall notify the NYSRC and revise the table of TO Applications.

The NYISO may also propose revisions to or additional Applications of the Reliability Rules. The NYISO will work closely with the Transmission Owner to develop and implement these Applications.

The NYISO shall also review and approve any new or revised procedures developed by the TO associated with an Application.

Changes to the TO Application of Reliability Rules

The following process will be used to define new Applications of Reliability Rules or modification of existing Applications of the Reliability Rules:

1. The following entities can define new Applications of the Reliability Rules or modify existing Applications of the Reliability Rules:
 - NYISO
 - NY Transmission Owners
2. Applications of the Reliability Rules proposed by the TOs shall be referred to the NYISO for approval.
3. Once the NYISO concurs, it shall take two actions:
 - Include them in the next version of the NYISO Transmission and Dispatching Operations Manual, and
 - Advise the NYSRC.
4. The NYSRC shall post the updated Applications of the Reliability Rules on its web site.

Any incremental uplift costs incurred to meet Applications of the Reliability Rules shall be recovered by the NYISO through a statewide uplift charge if the Application secures a facility within the NYISO Controlled Transmission System. Applications of the Reliability Rules may apply to facilities that are not included in the NYISO Controlled Transmission System, but are implemented by the NYISO at the TO's request. Incremental uplift costs associated with such Applications shall generally be borne by the Load Serving Entities in the Zone or Zones of the TO(s) making the request.

The Application of the Reliability Rules and the associated cost allocations are listed in [Table B.5](#) of this Manual.

2.1.6 NYSRC Local Reliability Rules

Local Reliability Rules (LRR) are a specific set of five rules defined in the New York State Reliability Rules and are maintained by the New York State Reliability Council (NYSRC). They apply to New York City (G.1 and G.2), and Long Island (G.3).

- G.1 New York City System Operations
- G.2 Loss of Gas Supply – New York City
- G.3 Loss of Gas Supply – Long Island

Transmission Owner LRR Responsibilities

The Transmission Owners are required to maintain procedures to comply with each NYSRC LRR. These procedures shall contain operational parameters that are developed based on studies performed by the TO. The NYSRC Reliability Rules require the NYISO to review and approve any updates to procedures or studies associated with the NYSRC LRRs.

At times, TOs may propose modifications to the NYSRC LRRs or other Reliability Rules. Any proposed change to a Reliability Rule is required to be presented to the NYSRC for consideration by the NYSRC through the Reliability Rules development process. (See the appropriate NYSRC Policy at <http://www.nysrc.org/policies.asp>)

NYISO LRR Responsibilities

The NYISO Staff will review any new or revised procedures developed by the TO associated with the NYSRC LRRs.

The NYISO Operating Committee (OC) is responsible for review and approval of any operational parameters necessary to implement the Application associated with NYSRC LRRs.

The OC may require review and approval of any study or analysis that was completed to justify new or modifications of existing operational parameters.

The NYISO will post the Applications associated with all Local Reliability Rules in the table of Applications of the Reliability Rules on the NYISO’s website (see [Table B.5](#)).

The LRRs of the New York TOs are listed in [Table B.4](#) of this Manual.

2.2 NYISO, Transmission Owner, and Generator Owner Responsibilities and Authorities

The following defines the responsibilities and authorities assigned to the NYISO, TOs, and Generator Owners.

2.2.1 Background Definitions

New York State Transmission System (NYSTS)

The New York State Transmission System (NYS Transmission System) includes: (1) the Transmission Facilities Under NYISO Operational Control; (2) the Transmission Facilities Requiring NYISO Notification; and (3) all remaining transmission facilities within the NYCA.

Local Area Transmission System Facilities are the Transmission Facilities and the sub-transmission facilities that are not included in [Table A.1](#) of this Manual.

New York State Power System (NYSPS)

The New York State Power System includes all facilities of the NYS Transmission System and all those Generators located within New York or outside New York, some of which may be from time-to-time subject to operational control by the NYISO.

Thus,
**NYSPS = NYSTS + Internal/External Generators Subject to NYISO
 Operational Control**

Reliability Rules

Those rules, standards, procedures, and protocols developed and promulgated by the NYSRC (in accordance with NERC, NPCC, FERC, PSC, and Nuclear Regulatory Commission (NRC) standards, criteria, rules and regulations, and other criteria) and the LRRs pursuant to the NYSRC Agreement.