
C. TRANSMISSION OPERATION

Introduction

This Section sets forth Reliability Rules for establishing operating transmission capabilities, post contingency operation, outage coordination, and other aspects of transmission operation. NYSRC operating Reliability Rules provide the basis for application of the planning Reliability Rules to inter-control area and NYS Bulk Power System operation. They represent the minimum level of *security* that shall apply to the operation of the NYS Bulk Power System. Where NYS Bulk Power System or inter-control area *security* is affected, *operating limits* are established so that the contingencies stated in Table B-2 can be withstood without adversely affecting the *reliability* of the NYS Bulk Power System or neighboring systems.

When adequate facilities are available to supply *firm load*, pre-contingency voltages, line loadings, and equipment loadings shall be within applicable normal *voltage limits* and thermal *ratings*. Unless specific instructions describing alternate action are in effect, normal transfers shall be such that manual *reclosing* of a *faulted element* can be carried out before any manual system adjustment, without affecting the *stability* of the NYS Bulk Power System.

When necessary to ensure that adequate facilities continue to be available to supply *firm load* in the NYCA or a portion of the NYCA, transfers may be increased to the point where pre-contingency voltages, line loadings, and equipment loadings are within applicable *emergency voltage limits* and thermal *ratings*. *Emergency* transfer levels may require *generation* adjustment before manually *reclosing faulted elements*.

When adequate NYS Bulk Power System facilities are not available, SPSs may be employed to maintain system *security*. SPS requirements are defined by NPCC criteria in Directory 1.

Two categories of transmission *transfer capabilities*, normal and *emergency*, are applicable. Normal *transfer capabilities* are to be observed unless *emergency transfer criteria* are invoked by the NYISO.

This section of the Reliability Rules requires assessments to evaluate *fault* duty levels and to develop appropriate mitigation plans in the event equipment *ratings* are exceeded.

The *Transmission Owners* establish and implement procedures for meeting the NYSRC Reliability Rules that apply to specific conditions on portions of the NYS Transmission System not included in the NYISO secured transmission system. These procedures are known as *Applications of the Reliability Rules*. These *Applications* require close coordination between

the *Transmission Owners* and the *NYISO* in order to maintain the *reliability* of the *NYS Power System*. The *NYSRC Reliability Rules* provide the *NYISO* with the responsibility of maintaining the Applications, approving modifications or new Applications, and for securing the needed cooperation by the *Transmission Owners*.

The *NYISO* and *Market Participants* may submit requests for exceptions to the *NYSRC Reliability Rules*. Reliability Rule C.7 sets forth requirements for submitting, granting, and modifying exceptions.

Local conditions requiring criteria which are more stringent than those set out herein shall be formulated as Local Area Operation Rules. These local area operation rules are provided in Reliability Rules Section G. Any constraints imposed by such *local reliability rules* shall be observed in daily operations.

Subsequent to the determination of the day-ahead commitment of generating units by the *NYISO*, *Transmission Owners* will have the opportunity to review the unit commitment. To the extent that operating circumstances may adversely impact short-term *reliability* of the *Transmission Owner's* local system and such operating circumstances have not been addressed in any Reliability Rules, inclusive of *local reliability rules*, the *Transmission Owner* will have the flexibility to request additional generating units to be committed for service. The final commitment decision will rest with the *NYISO* and will be posted on the *NYISO's* Open Access Same-Time Information System ("OASIS").

The NYISO performs Operational Planning Analyzes of expected system conditions for the next day's operation. These analyzes apply the operating criteria set forth in these NYSRC Transmission Operation Reliability Rules, as well as related NERC and NPCC standards and criteria. (Such analyzes may be performed either a day ahead or as much as 12 months ahead.) Expected system conditions represented in an Operational Planning Analysis include things such as load forecast(s), generation output levels, Interchange, and known system constraints (transmission facility outages, generator outages, equipment limitations, etc.)

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