

Updates to the Reliability Planning Process Manual

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Updates to the Reliability Planning Process Manual

- **The primary purpose of these updates is to capture the generator unavailability enhancements to NYISO's reliability planning practices (Sections 4.1 and 4.5)**
 - Proposed change for retention of operating reserves at the time of load shedding will be reflected in the reliability planning assumptions matrices
- **Other updates to the manual include:**
 - Updating the description of the economic planning process (Section 1.1)
 - Added a statement that transmission security analysis includes various credible combinations of system conditions intended to stress the system (Sections 4.1 and 4.5)
 - Other language edits to better describe the reliability assessment criteria for stability analysis (Section 4.5)
 - Added NERC planning assessments to Section 4.6
- **Other minor changes such as correcting inaccurate wording are also included in various sections of the manual**

Updates for Reliability Planning Practices Enhancements

- **The enhancements to the reliability planning practices for transmission security are described in Sections 4.1 and 4.5**
 - Outline that the criteria for transmission security includes various combination of credible system conditions intended to stress the system
 - The conditions that may be reflected in transmission security analysis include, but are not limited to, Generator availability data based on NERC class averages for the types of units
 - Added language describing the identification of reliability needs through the spreadsheet-based method of calculating transmission security margins

Other Updates

- **Section 1.1 of the Reliability Planning Process manual provides a high-level overview of the Comprehensive System Planning Process**
 - Since the last revision of the Reliability Planning Process manual, significant changes have been approved for the Economic Planning Process
 - Section 1.1 was updated to reflect these changes
- **Section 4.5, which describes the methodology for transmission reliability assessments, was updated to better describe the dynamic stability criteria**
- **Conforming and correction changes in Sections 4.1, 4.6, 4.8 and 6.1**

Questions?

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation