



Ancillary Services Manual Updates

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Agenda

- **Changes to Section 3 Voltage Support Service**
- **Changes to Section 6 Operating Reserve were presented to ICAP/MIWG on 8/29, so they will not be covered in this presentation.**
- **Changes to Section 7 Black Start Capability Service**

Changes to Section 3 Voltage Support Service

Summary of Changes

- **Section 3.6.1. Frequency, Timing, and Other Requirements**
 - Clarified “Gross” and “Net” measurement terminology.
- **Section 3.6.5. Reporting Requirements**
 - Added fifteen (15) business day window for NYISO review.
- **New Subsection 3.6.5.1. Data Transmission Requirements**
 - Explained grounds for test rejection in case of telemetry data inaccuracy.
- **Section 3.6.6. Allowance for Out-of-Period Reactive Capability Testing**
 - Added a new exemption case: If the NYISO rejects a test after September 30.

Changes to Section 3.6.1. Frequency, Timing, and Other Requirements

- **Added explanation of “gross” and “net” terms.**
 - Gross capability is output before step-up losses.
 - Net capability is output minus step-up losses.
- **Moved important phrase to its own paragraph for clarity:**
 - “Failure to test or demonstrate the resource’s Reactive Power capability by October 31 will result in the disqualification of the resource in the next compensation year.”

Changes to Section 3.6.5. Reporting Requirements

■ New time window for NYISO review of submitted tests

- “The NYISO will review and indicate the status of submitted test data in the Voltage Support Test Data System within fifteen (15) business days of the data submittal. If the test results are rejected, the VSS Supplier may qualify for an Out-of-Period test under Section 3.6.6, Allowance for Out-of-Period Reactive Capability Testing.”

■ New subsection: New Section 3.6.5.1. Data Transmission Requirements

- “The NYISO may reject a Reactive Capability Test if the resource does not provide accurate metering data transmitted through existing Transmission Owner telecommunication equipment, that can be used to verify the resource’s real and reactive power output for the duration of the Reactive Capability Test.
- If during a Reactive Capability Test, the Transmission Owner’s telecommunication equipment is not functioning, and an ICCP link is already available, the NYISO will use direct ICCP communications to validate the test. However, if there is no pre-existing direct ICCP link, the Generator Owner may qualify for an Out-of-Period test under Section 3.6.6, Allowance for Out-of-Period Reactive Capability Testing.
- If during a Reactive Capability Test, the Transmission Owner’s telecommunication equipment is functioning, but the Generator Owner’s metering data is inaccurate, the NYISO will reject the test, and the Generator Owner will have to schedule another test. If the NYISO rejects a test on the grounds of data inaccuracy, the generator may qualify for an Out-of-Period test under Section 3.6.6, Allowance for Out-of-Period Reactive Capability Testing.”

Changes to Section 3.6.6. Allowance for Out-of-Period Reactive Capability Testing

- **Added a new case for allowance for Out-of-Period Reactive Capability Testing:**
 - Test Rejected Near the End of the Testing Period
 - If the NYISO rejects a Reactive Capability Test after September 30, the Supplier must complete the annual test requirements before December 1, and forward the completed test report, in electronic form, to NYISO within ten (10) business days of the completion of that test.

Changes to Section 7 Black Start Capability Service

Terminology Changes

- In preparation for the possibility of new technologies entering the Black Start Capability Service, some terminology changes were needed.
- The words “generator”, “generating unit”, and “generation” have been replaced with “resource” and “facility”.

Next Steps

SOAS, September 8

BIC, September 21

OC, September 22

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