

# NYISO Self-Certification

## Description:

### NYSRC Reliability Rule Reference (No. and Name)

#### I.1: Verification Testing of Resource Capacity

### NYSRC Requirement(s) for which compliance is being self-certified

**R2.** The *NYISO* shall establish and maintain procedures for *resource capacity* data verification testing or demonstration for all equipment utilized for providing *reactive power capacity* to the NYCA.

**R.2.1** The data to be provided to the *NYISO* shall include *reactive power capacity* for all *resources* that are voltage support ancillary service providers. The procedures shall include requirements for *resource* providers to provide to the *NYISO* the net MW and gross MVar quantities taken simultaneously at the time of the *reactive power capability* test. These *reactive power* tests shall be undertaken for both leading and lagging *reactive power* operation.

**R.2.2.** *NYISO* procedures shall include a requirement that, following leading *reactive power* testing, each *Generation* Equipment Owner shall provide a certification to the *NYISO* that the data submitted for the leading *reactive power* test accurately demonstrates the maximum leading *reactive power* of the generator at the time of the test.

**R.2.3.** The *NYISO* shall provide gross *reactive power capacity* data to the operating function of the *Transmission Owner* that the *resource* connects to, within 60 calendar days following the close of the seasonal *Capability Period* or annual test period, respectively. Documentation of the *NYISO* procedures and verification results shall be provided to the *NYSRC* upon request.

### Compliance Monitoring Process

#### Compliance Monitoring Responsibility:

- **M1:** RCMS

#### Compliance Documentation Reporting Frequency:

- **M1:** In accordance with *NYSRC* Compliance Monitoring Program schedules.

#### Compliance Reporting Requirements:

- **M1:** *NYISO* Self-Certification

### Measure No.

Full Compliance

**M1.** The *NYISO* established and maintained *resource capacity* verification procedures in accordance with R1 and R2. The

	<p>schedule for the testing of <i>generation</i> equipment and the schedule for submission of the verification or tests to the <i>NYISO</i> was included in these <i>NYISO</i> procedures. The dependable net <i>capacity</i> and gross reactive <i>capacity</i> data was forwarded to the operating function of the <i>Transmission Owner</i> in accordance with time requirements specified in R1 and R2.</p>
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### Levels of Non-Compliance

___ Level 1	<b>M1.</b> Not applicable.
___ Level 2	<b>M1.</b> Documentation of <i>NYISO</i> procedures for <i>resource capacity</i> equipment testing did not meet R1 and R2 requirements in one or more areas.
___ Level 3	<b>M1.</b> The <i>NYISO</i> did not provide <i>capacity</i> data to the <i>Transmission Owners</i> within the time requirements specified in R1 and R2.
___ Level 4	<b>M1.</b> Documentation of <i>NYISO</i> procedures for <i>resource capacity</i> equipment testing in accordance with R1 and R2 requirements were not provided.

### Reliability Rule I.1 Narrative (R2):

This certification is for the Summer 2022 test period.

Section 3.6 of the Ancillary Services Manual requires annual testing of generators that provide voltage support service and reporting of the test results to the NYISO. Reactive power capacity requirement documentation is available in electronic files maintained by Operations Engineering.

NYISO certifies that all applicable generator owners performed reactive power capability tests and reported the results to NYISO for the test period Summer 2022.

**Certified by:** Raj Reddy Dontireddy

**Title:** Manager, Operations Engineering

**Date:** March 3, 2023