

NYISO Self-Certification

Description:

NYSRC Reliability Rule Reference (No. and Name)

G.2: Loss of Gas Supply – New York City

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

R4. The *NYISO* shall have procedures requiring Generating Owners of combined cycle units that are part of the MOB program, which have the ability to automatically swap from natural gas to a liquid fuel source in the event of the sudden interruption of gas fuel supply or loss of gas pressure or unavailability of gas supply to the generator, to test to ensure those units are able to perform their intended function.

R4.1The *NYISO* procedures shall require a unit to complete a successful test of the automatic swap from natural gas to a liquid fuel during each *Capability Period*.

The requirement for a test can be substituted by a real-time automatic fuel swap, if that fuel swap was successful and occurred during the current *Capability Period*.

R4.2The *NYISO* procedures shall identify the appropriate parameters for a test to be considered successful.

Compliance Monitoring Process

Compliance Monitoring Responsibility:

- M3: RCMS

Compliance Documentation Reporting Frequency:

- M3: In accordance with *NYSRC* Compliance Monitoring Program schedules.

Compliance Reporting Requirements:

- M3: *NYISO* Self-Certification

Measure No.

<u>X</u> Full Compliance	M3. The <i>NYISO</i> documented, maintained, and published a current list of dual fuel generating units that are part of the MOB program in accordance with the R3. The <i>NYISO</i> also had in place procedures, in accordance with R4, requiring all Generator Owners of combined cycle units that are part of the MOB program, which have the ability to automatically swap from natural gas to a liquid fuel source in the event of the sudden interruption of gas fuel supply, loss of gas pressure or unavailability of gas supply to the generator, to test to ensure those units are able to perform their intended functions, including identification of parameters for a test to be considered successful.
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Levels of Non-Compliance

___ Level 1	M3. Not applicable
___ Level 2	M3. <i>NYISO</i> procedures requiring all Generator Owners of combined cycle units that are part of the MOB program, which have the ability to automatically swap from natural gas to a liquid fuel source in the event of the sudden interruption of gas fuel supply or loss of gas pressure or unavailability of gas supply to the generator, to test their dual fuel capability, including identification of parameters for a test to be considered successful have been prepared, but were incomplete in one or more areas.
___ Level 3	M3. Not applicable.
___ Level 4	M3. <i>NYISO</i> procedures requiring all Generator Owners of combined cycle units that are part of the MOB program, which have the ability to automatically swap from natural gas to a liquid fuel source in the event of the sudden interruption of gas fuel supply or loss of gas pressure or unavailability of gas supply to the generator, to test their dual fuel capability, including identification of parameters for a test to be considered successful have not been prepared.

Reliability Rule G.2 Narrative (R4)

The NYISO procedures requiring all Generating Owners of Combined Cycles the dual fuel units that are part of the Minimum Oil Burn (MOB) Program, which have the ability to automatically swap from natural gas to a liquid fuel source in the event of the sudden interruption of gas fuel supply or, loss of gas pressure or unavailability of gas supply to the generator, to test to ensure those units are able to perform their intended functions can be found in Section 8 of the NYISO Ancillary Services Manual (Version 6.4) The “Automatic Fuel Swap Testing Frequency” section requires a successfully test or demonstration of automatic fuel swap each Capability Period. The “Automatic Fuel Swap Testing Requirements” section identifies the test parameters required.

Certified by: Robert J. Golen

Title: Manager, Operations Engineering

Date: September 1, 2022