

NYISO Self-Certification

NYSRC Reliability Rule:

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

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

R3. The *NYISO* shall document, maintain and publish the current list of dual fuel units that are part of the Minimum Oil Burn (MOB) program.

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.

R4.1 The *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.

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

Measure:

X 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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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

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 R3 and R4 Narrative:

R3: NYISO Transmission and Dispatching Manual section 2.1.6 – NYSRC Local Reliability Rules addresses the application of NYSRC rules for implementation of G-2. The document is published and maintained on the NYISO website. It addresses the requirements on Transmission Owners, including Con Ed, to develop applications of NYSRC Reliability Rules in the section “Transmission Owner Responsibilities”. The NYISO review and approval of application procedure requirements and the study requirements supporting those procedures are defined in the section “NYISO Responsibilities”

The NYISO Operating Committee (OC) is responsible for review and approval of any operational parameters necessary to implement the Application associated with NYSRC Local Reliability Rules. The lists of the dual fuel units that are a party to the Minimum Oil Burn program can be found in the seasonal reports of Con Edison published with the meeting materials for the NYISO OC.

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 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.

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