

# NYSRC Compliance Program

## Self Certification Form

### SYSTEM RESTORATION

### G-M1

#### Reliability Rule Reference

**G-R1 Emergency Restoration Procedures**  
**G-R2 Blackstart Resources**

#### Measurement

**G-M1** The NYISO shall develop and maintain a NYCA System Restoration Plan (NYCA SRP) that will assure the prompt restoration of the NYCA system following a major or total blackout. The NYCA SRP shall define that system restoration take place at two integrated levels: restoration of the NYCA backbone system in accordance with a NYISO System Restoration Plan (NYISO SRP) and restoration of local areas in accordance with transmission owner system restoration plans (transmission owner SRPs). The NYCA SRP shall include the following minimum requirements:

(Includes requirements from old G-M1.1)

1. Procedures for coordinating the NYISO SRP and the transmission owner SRPs. (Includes requirements from old G-M1.2)
2. Required actions to be included in each transmission owner's restoration plan, consistent with NYISO procedures and NYSRC, NPCC, and NERC criteria. (New requirement)
3. Procedures for coordinating the SRPs of the NYISO and neighboring Reliability Coordinators, including restoration of interconnections. (Includes requirement from old G-M1.2 and new requirement)
4. Identification of blackstart facilities required for implementing the NYISO SRP, including the names, location, megawatt capabilities, megavar capabilities, and unit type. (Includes requirements from old G-M1.3)
5. Identification of blackstart facility test requirements to verify that each blackstart facility in the NYISO SRP is capable of meeting the requirements of the NYISO SRP. These tests, at minimum, shall be conducted once per capability year and include those tests described in Table BS-1 of NPCC Directory #8, System Restoration. (Includes requirements from old G-M1.3)
6. Procedures requiring that each transmission owner identify blackstart resources that are necessary for implementing its SRP. These procedures shall also require transmission owners to identify the name, location, megawatt capacity, megavar capacity, and type of blackstart resource(s). The identity of transmission SRP blackstart facilities shall be made available to the NYISO and to affected transmission owners.

In addition, NYISO procedures shall include a requirement that each Blackstart Provider annually provide a letter to the NYISO confirming that it identifies and maintains a list of critical components in its facilities (i.e., batteries, diesel back-up generators, inverters etc.) to verify the condition of these critical components in accordance with good industry practice.

(Includes requirements from old G-M1.4 and new requirements)

7. Identification of the necessary operating instructions and procedures to cover loss of telecommunications channels during a system disturbance. (Includes requirements from old G-M1.7)
8. Identification of protocols for disseminating information to operating entities identified in the plan during a system disturbance. (Includes requirements from old G-M1.8)
9. Procedures for ensuring that the coordination of NYISO and transmission owner SRPs be demonstrated by drill

or by simulation. (Includes requirements from old G-M1.9)

10. Procedures requiring transmission owners to notify the NYISO of any proposed changes to transmission owner SRP facilities or procedures that could effect the coordination of the NYISO and TO restoration plans at least two months prior to their implementation. (Includes requirements from old G-M1.10)

11. Procedures requiring that the NYISO and transmission owner SRPs be reviewed and updated annually and whenever changes are made in the NYS Power System. This review shall evaluate the impact of planned system expansion or reconfiguration on these SRPs, prior to implementation. (Includes requirements from old G-M1.10)

12. Identification of guidelines which provide the basis for alternative restoration actions if normal restoration procedures cannot be executed due to system conditions. (New requirement)

13. Procedures for coordinating annual updates to the NYISO SRP and restoration plans of neighboring Reliability Coordinators. (New requirement)

### Responsibilities

Reporting Frequency: Annually  
Reporting Responsibility: NYISO  
Compliance Monitoring Responsibility: NYSRC RCMS  
Oversight Review Responsibility: N/A

### Contacts

Contact Name: David Mahlmann  
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The NYISO hereby certifies it has met the requirement defined by the level of compliance as certified below:

### Levels of Compliance

<input checked="" type="checkbox"/> Full (100%) Compliance	The NYISO shall have a NYCA SRP that complies with all 13 requirements as defined in G-M1.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO failed to comply with one of the requirements within G-M1.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO failed to comply with two of the requirements within G-M1.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO failed to comply with three of the requirements within G-M1.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO failed to comply with four of the requirements within G-M1.

Comments:

Certified by: Dave Mahlmann

*Signature of Authority:* I understand that this information is being provided as per requirements of the NYSRC Compliance Program. I understand that this information is provided in lieu of a detailed review or 'audit' that may occur in the future. The review will require that all information certified to on this form be verified by appropriate documentation

Title: Manager, Operations Engineering

Date of certification: 11/2/09