

**Compliance  
Templates  
for the  
NYSRC  
Reliability Rules**

*Version 19  
October 9, 2009*



**COMPLIANCE TEMPLATES**  
**for the**  
**NYSRC Reliability Rules**

**Version 19**  
**October 9, 2009**

*New York State Reliability Council, L.L.C.*

**NYSRC RELIABILITY RULE  
COMPLIANCE TEMPLATES**

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## I. INTRODUCTION

### 1. Foreword

This document contains the New York State Reliability Council, L.L.C. (NYSRC) Compliance Templates for the Reliability Rules for Planning and Operating the New York State Power System (Compliance Templates). The Compliance Templates are guides for use by the NYSRC and New York Independent System Operator (NYISO) by which compliance with the Reliability Rules are reviewed and evaluated.

### 2. Background

The mission of the NYSRC is to promote and preserve the reliability of the New York State Power System in the New York Control Area (NYCA). The NYSRC carries out its mission in accordance with the NYSRC and NYISO/NYSRC Agreements.

This mission includes developing, maintaining, and updating the Reliability Rules, which must be complied with by the NYISO and Market Participants. The Reliability Rules are contained in the document, "NYSRC Reliability Rules for Planning and Operating the New York State Power System."

The NYSRC mission also includes monitoring compliance with the Reliability Rules. NYSRC Policy 4, "Procedure for Monitoring Compliance with the NYSRC Reliability Rules," describes the compliance monitoring process. The Compliance Templates are an essential element of this process. Policy 4 describes the application of the Compliance Templates within the context of the entire NYSRC compliance review process.

The Reliability Rules, NYSRC Policy 4, Compliance Templates, and other NYSRC documents may be downloaded from the NYSRC web site, <http://www.nysrc.org>.

### **3. Application of the Compliance Templates**

A compliance template provides the requirements for achieving full compliance with a measurement associated with one or more Reliability Rules, in addition to factors which may contribute to non-compliance. The compliance template assists those entities responsible for complying with the Reliability Rules, as well as those entities responsible for monitoring compliance with the Reliability Rules.

The NYISO is responsible for achieving compliance with many of the Reliability Rules covered by the Compliance Templates. The NYSRC Compliance Monitoring Subcommittee (RCMS) is responsible for monitoring NYISO compliance with those Reliability Rules using the Compliance Templates. Market Participants (Transmission Owners, Generation Owners, ICAP Providers, and LSEs) are responsible for achieving compliance with other Reliability Rules. The NYISO is responsible for monitoring Market Participant compliance with those Reliability Rules and is encouraged to use the Compliance Templates for this process.

Since more than one measurement may be applicable to a given Reliability Rule, measurements may be addressed as a group to determine if compliance to a particular Reliability Rule is achieved.

Figure 1 is a form that is used by RCMS to document compliance reviews, which is attached to the relevant compliance template for each reliability assessment.

The Compliance Templates will be supplemented or revised as new Reliability Rules are added or the Rules are updated.

#### **4. Compliance Template Format**

The format of the compliance template is shown in Table 1. A description of each major heading in that format is included.

#### **5. NYSRC Policy on Lateness**

The NYISO must submit required compliance reports in electronic format to the NYSRC in accordance with due dates established by RCMS. A non-compliance level is designated by RCMS if a compliance report is not received after a grace period of 29 days has expired. RCMS assesses levels of non-compliance for overdue reports in accordance with Table 2.

#### **6. Violations of NYSRC Compliance Requirements**

Non-monetary sanctions for violations of requirements stated in the compliance templates are imposed in the form of letters to the NYISO officers and/or regulatory bodies. The distribution of these letters, shown in Table 3, becomes increasingly broad depending on the level of non-compliance. Not all compliance templates require all four levels of non-compliance. The notification letters shall disclose details of non-compliance findings as described by the various levels of non-compliance, including overdue compliance reports. The NYSRC Executive Committee Chairman signs these letters.

#### **7. Compliance Template Index**

Table 4 is a Compliance Template index, which shows for each compliance template, the related Reliability Rule(s), applicable entities responsible for actions for meeting compliance requirements, and compliance report frequency.

**FIGURE 1: COMPLIANCE REVIEW FORM**

1. Description of compliance documentation submitted by NYISO	
2. Compliance Review Dates:	
Due date of NYISO report to RCMS	
Actual date of NYISO report to RCMS	
Date of RCMS review	
3. Follow-up actions, if any	
4. RCMS comments	
5. Executive Committee comments	

**TABLE 1: COMPLIANCE TEMPLATE FORMAT**

<ul style="list-style-type: none"> <li>• <b>Reliability Rule Section and Measurement Number:</b> As in Reliability Rule document.</li> <li>• <b>Reliability Rule Reference(s):</b> The number and name of related Reliability Rule(s). The wording of the Reliability Rule(s) may be found in the “NYSRC Reliability Rules for Planning and Operating the New York State Power System – Revision 2” document.</li> <li>• <b>Measurement:</b> The number and exact wording of the template measurement as in the Reliability Rules document.</li> <li>• <b>Responsibilities:</b> Includes the (1) frequency or timetable for providing the required documentation, (2) entity whose actions are required for complying with the measurement, (3) entity, i.e., the NYISO, accountable for compliance to this measurement, and (4) entity, i.e., RCMS, responsible for monitoring compliance of the measurement,</li> <li>• <b>Full (100%) Compliance:</b> Clear statement of compliance reporting requirements. May include reference to related Reliability Rules and measurements.</li> <li>• <b>Levels of Non-Compliance:</b> In increasing levels of non-compliance. Some levels may not be applicable. <ul style="list-style-type: none"> <li>- Level 1</li> <li>- Level 2</li> <li>- Level 3</li> <li>- Level 4</li> </ul> </li> </ul>
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**TABLE 2: OVERDUE COMPLIANCE REPORTS**

<i>Lateness</i>	<i>Level Of Non-Compliance</i>
Not received within 30 days of established due date.	1
Not received within 90 days of established due date.	4

**TABLE 3:**  
**NOTIFICATION LETTERS FOR NON-COMPLIANCE OF  
THE NYSRC RELIABILITY RULES**

<i>Level Of Non-Compliance</i>	<i>Letter Type</i>
1	A
2	B
3	C
4	D

**Letter A:** To the NYISO Vice President of Operations, with a copy to the NYSRC Executive Committee.

**Letter B:** To the NYISO CEO, with copies to the NYISO Vice President of Operations and the NYSRC Executive Committee.

**Letter C:** To the NYISO Board of Directors, with copies to the NYISO CEO, the NYISO Vice President of Operations, and the NYSRC Executive Committee. Post on the NYSRC Web site.

**Letter D:** The same as Letter C, with copies to the NYS Public Service Commission. Post on the NYSRC Web site.



**TABLE 4: COMPLIANCE TEMPLATE INDEX**

	Measurement/ Compliance Template	Rule	Applicable To*	Monitoring Responsibility	Reporting Frequency	Page Number. Reference
<b>A.</b>	<b>Resource Adequacy</b>					
	A-M1	A-R1	ICS	RCMS	Annually	10
	A-M2	A-R2,3	NYISO	RCMS	Annually	11
	A-M3	A-R2,3	LSEs	NYISO	Annually	12
	A-M4	A-R2	NYISO	RCMS	As Required	13
<b>B.</b>	<b>Transmission Capability - Planning</b>					
	B-M1	B-R1-3	NYISO	RCMS	Annually	14
	B-M2	B-R4	NYISO	RCMS	Annually	15
	B-M3	B-R5	NYISO	RCMS	On Request	16
	B-M4	B-R6	NYISO	RCMS	On Request	17
<b>C.</b>	<b>Resource &amp; Demand Data Requirements</b>					
	C-M1	C-R1	NYISO	RCMS	On Request	18
	C-M2	C-R1	GOs	RCMS	On Request	20
	C-M3	C-R1	GOs	RCMS	On Request	21
	C-M4	C-R2	NYISO	RCMS	On Request	22
	C-M5	C-R2	IPs	RCMS	Monthly	24
	C-M6	C-R2	NYISO	RCMS	Annually	25
	C-M7	C-R3	NYISO	RCMS	On Request	26
	C-M8	C-R3	NYISO	RCMS	Annually	27
	C-M9	C-R4	NYISO	RCMS	On Request	28
	C-M10	C-R4	NYISO	RCMS	On Request	29
	C-M11	C-R4	TOs	RCMS	As Required	30
	C-M12	C-R5	NYISO	RCMS	On Request	31
	C-M13	C-R5	MPs	RCMS	On Request	32
<b>D.</b>	<b>Operating Reserves</b>					
	D-M1	D-R1-3	NYISO	RCMS	Monthly	33
	D-M2	D-R1-3	NYISO	RCMS	On Request	34
	D-M3	D-R4	NYISO	RCMS	Monthly	35
<b>E.</b>	<b>Transmission Capability - Operating</b>					
	E-M1	E-R1-3	NYISO	RCMS	On Request	36
	E-M2	E-R1-4	NYISO	RCMS	Monthly	37
	E-M3	E-R5	NYISO	RCMS	On Request	38
	E-M4	E-R6	NYISO	RCMS	On Request	39
	E-M5	E-R6	NYISO	RCMS	As Required	40
	E-M6	E-R8	NYISO	RCMS	On Request	41
	E-M7	E-R8	EOs	RCMS	As Required	42
	E-M8	E-R8	NYISO	RCMS	As Required	43
	E-M9	E-R10	NYISO	RCMS	Annually	43
<b>F.</b>	<b>Operating During Major Emergencies</b>					
	F-M1	F-R1-7	NYISO	RCMS	On Request	45
	F-M2	F-R1-7	NYISO	RCMS	As Required	46
	F-M3	F-R8	NYISO	RCMS	On Request	47
	F-M4	F-R8	NYISO	RCMS	Annually	48
	F-M5	F-R5	NYISO	RCMS	Monthly	49
	F-M6	F-R5	NYISO	RCMS	Annually	50

**TABLE 4: COMPLIANCE TEMPLATE INDEX**

	Measurement/ Compliance Template	Rule	Applicable To	Monitoring Responsibility	Reporting Frequency	Page Number. Reference
<b>G.</b>	<b>System Restoration</b>					
	G-M1	G-R1-2	NYISO	RCMS	On Request	51
	G-M2	G-R1	TOs	RCMS	On Request	53
	G-M3	G-R2	BPs	RCMS	On Request	54
	G-M4	G-R3	NYISO	RCMS	On Request	56
<b>H.</b>	<b>System Protection</b>					
	H-M1	H-R1	NYISO	RCMS	On Request	57
	H-M2	H-R2	NYISO	RCMS	On Request	58
	H-M3	H-R2	NYISO	RCMS	On Request	59
<b>I.</b>	<b>Local Reliability Rules</b>					
	I-M1	I-R1,3,4	NYISO	RCMS	On Request	60
	I-M2	I-R5	NYISO	RCMS	On Request	61
	I-M3	I-R2	NYISO	RCMS	On Request	62
	I-M4	I-R1-5	NYISO	RCMS	On Request	63
	I-M5	I-R1,3,4	CE	RCMS	On Request	64
	I-M6	I-R5	LIPA	RCMS	On Request	65
<b>J.</b>	<b>NYISO Control Center Communications</b>					
	J-M1	J-R1-2	NYISO	RCMS	On Request	66
	J-M2	J-R2	NYISO	RCMS	On Request	67
	J-M3	J-R2	NYISO	RCMS	As Required	68
<b>K.</b>	<b>Reliability Assessment</b>					
	K-M1	K-R1	NYISO	RCMS	On Request	69
	K-M2.a	K-R2	NYISO	RCMS	Annually	70
	K-M2.b	K-R2	NYISO	RCMS	Annually	72
	K-M2.c	K-R2	NYISO	RCMS	On Request	73
	K-M2.d	K-R2	NYISO	RCMS	Monthly	74
	K-M2.e	K-R2	NYISO	RCMS	On Request	75
	K-M2.f	K-R2	NYISO	RCMS	On Request	76
	K-M3	K-R3	NYISO	RCMS	On Request	77

\* Entity whose actions as specified in the compliance templates are required for ensuring compliance with the measurement.

IP – Installed Capacity Provider

EO – Equipment Owner

BP – Blackstart Provider

**II.**  
**COMPLIANCE TEMPLATES**

**Compliance Templates  
NYSRC Reliability Rules**

**RESOURCE ADEQUACY**

**A-M1**

**Reliability Rule Reference**

<b>A-R1 NYCA Installed Reserve Margin Requirement</b>
---

**Measurement**

<b>A-M1</b> The NYSRC shall periodically perform resource adequacy studies to update the required statewide installed reserve margin. A report shall be prepared providing the assumptions, procedures, and results of the study.
---

**Responsibilities**

Reporting Frequency: Annually Reporting Responsibility: ICAP WG Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
--

**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYSRC ICAP Working Group shall conduct a resource adequacy study annually for the following capability period, and report the results of the study in accordance with Measurement A-M1.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	A report was submitted, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	A report was not submitted.

# Compliance Templates NYSRC Reliability Rules

## RESOURCE ADEQUACY

A-M2

### Reliability Rule Reference

**A-R2 LSE Installed Capacity Requirement**

**A-R3 External Installed Capacity**

### Measurement

A-M2 The NYISO shall prepare a report for the next capability period showing (1) LSE installed reserve margin and capacity requirements so as to meet statewide installed reserve margin requirements, (2) LSE locational installed capacity requirements for applicable NYS zones, such as New York City and Long Island, and (3) the allowable amount of LSE ICAP requirements that may be located externally to the NYCA. The report shall include the procedures, factors, and assumptions utilized by the NYISO to determine these LSE ICAP requirements. The NYISO Installed Capacity Manual shall include procedures to establish LSE ICAP requirements.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall annually conduct analyses to establish LSE and locational installed capacity (ICAP) requirements for the next capability year. The analyses shall be based on NYCA ICAP requirements established by the NYSRC and shall utilize models and assumptions consistent with those used by the NYSRC for its ICAP requirement study. A report shall be prepared in accordance with Measurement A-M2, which addresses the results of the study, models utilized, study procedures and assumptions, and other study considerations. The report shall further demonstrate that the LSE and locational ICAP requirements established by the NYISO meets NYSRC Reliability Rules.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO report, or analyses of LSE and locational ICAP requirements, was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Analyses of LSE and locational ICAP requirements did not meet NYSRC Reliability Rules, or did not meet NYCA ICAP requirements established by the NYSRC.
<input type="checkbox"/> Non-Compliance Level 4	Analyses of LSE and locational ICAP requirements were not provided.

# Compliance Templates NYSRC Reliability Rules

## RESOURCE ADEQUACY

A-M3

### Reliability Rule Reference

**A-R2 LSE Installed Capacity Requirement**

**A-R3 External Installed Capacity**

### Measurement

**A-M3** Each LSE shall certify and maintain its ICAP obligation for the next capability period, including any locational and external installed capacity, in accordance with LSE ICAP requirements established by the NYISO Tariff and the NYISO Installed Capacity Manual.

### Responsibilities

Reporting Frequency: Annually  
Reporting Responsibility: LSEs  
Compliance Monitoring Responsibility: NYISO  
Oversight Review Responsibility: NYSRC RCMS

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	Each LSE must demonstrate that it has procured sufficient capacity from Installed Capacity Suppliers to meet its ICAP requirement, in accordance with Measurement A-M3.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Not applicable.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The LSE fails to comply with NYISO requirements to demonstrate that its has procured sufficient capacity to meet its ICAP obligation.

# Compliance Templates NYSRC Reliability Rules

## RESOURCE ADEQUACY

**A-M4**

### Reliability Rule Reference

<b>A-R2 LSE Installed Capacity Requirement</b>
--

### Measurement

<p><b>A-M4</b> The NYISO shall notify those LSEs that are determined to be deficient in meeting their ICAP requirements, including locational installed capacity requirements, for the next capability period. This notification shall specify appropriate deficiency charges. The NYSRC shall be immediately notified of such capacity deficiencies, including any measures that may be planned to minimize reliability impacts.</p>
---

### Responsibilities

<p>Reporting Frequency: As Required          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
--

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall immediately notify the NYSRC when a LSE fails to demonstrate that it meets its ICAP requirement for the next capability period, in addition to other requirements specified in Measurement A-M4.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Not applicable.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO does not notify the NYSRC when an LSE fails to demonstrate that it meets its ICAP requirement for the next capability period.

# Compliance Templates NYSRC Reliability Rules

## TRANSMISSION CAPABILITY – PLANNING

**B-M1**

### Reliability Rule Reference

**B-R1 Thermal Assessment**  
**B-R2 Voltage Assessment**  
**B-R3 Stability Assessment**  
**B-R7 Fault Current Assessment**

### Measurement

**B-M1** The NYISO shall ensure that the thermal, voltage, short-circuit, and stability performance of the NYS Bulk Power System, as planned, is in accordance with NYSRC thermal, voltage, fault duty, and stability assessment criteria, and applicable NPCC Criteria.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall annually assess the performance of the planned NYS bulk power transmission system in meeting thermal, voltage, fault duty and stability criteria in accordance with NYSRC Reliability Rules B-R1, B-R2, B-R3, and B-R7, and Measurement B-M1. These assessments must indicate that the planned NYS bulk power transmission system is compliant with Reliability Rules. Documentation of results of these reliability assessments shall be reported annually to the NYSRC in accordance with Measurement K-M2.a.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO assessment was completed and submitted. However, the NYS bulk power transmission system was found to be non-compliant with Reliability Rules B-R1, B-R2, B-R3 or B-R7. The NYISO submitted an acceptable plan and schedule for addressing the area(s) of noncompliance.
<input type="checkbox"/> Non-Compliance Level 2	Not applicable.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO assessment was completed and submitted. However, the NYSRC bulk power transmission system was found to be non-compliant with Reliability Rules B-R1, B-R2, B-R3, or B-R7. The NYISO either failed to submit a plan and schedule to meet the Reliability Rules, or the plan was found to be unacceptable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO assessment was not submitted.



# Compliance Templates NYSRC Reliability Rules

## TRANSMISSION CAPABILITY – PLANNING

**B-M2**

### Reliability Rule Reference

<b>B-R4 Extreme Contingency Assessment</b>
--

### Measurement

<b>B-M2</b> The NYISO shall assess the risks and system performance resulting from the extreme contingencies in Table B of the NYSRC Reliability Rules, and shall utilize measures, where appropriate, to reduce the frequency of occurrence of such contingencies, or to mitigate the consequences that are indicated as a result of testing for such contingencies.
---

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall annually assess the risks and system performance resulting from extreme contingencies of the planned NYS bulk power transmission system in accordance with NYSRC Reliability Rule B-R4 and Measurement B-M2. When simulations indicate that the system could become unstable, the NYISO shall document measures and procedures to mitigate or eliminate the extent and effects on system performance and loss of customer demand. Documentation of results of these reliability assessments shall be reported annually to the NYSRC in accordance with Measurement K-M2.a.
<input type="checkbox"/> Non-Compliance Level 1	Simulation testing was completed in accordance with B-R4; however, mitigation measures were not fully explored for all conditions analyzed.
<input type="checkbox"/> Non-Compliance Level 2	Not applicable.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Simulation testing was not completed in accordance with B-R4.

# Compliance Templates NYSRC Reliability Rules

## TRANSMISSION CAPABILITY – PLANNING

**B-M3**

### Reliability Rule Reference

<b>B-R5 Restoration</b>
-------------------------

### Measurement

<p><b>B-M3</b> The NYISO shall develop, maintain, and execute procedures to evaluate system expansion or reconfiguration plans and identify their impact on the NYCA SRP. This process shall be performed every year as part of the NYISO annual transmission assessment. Any impacts identified shall be described in terms of how and where the SRP may need to be modified, and made available to the NYISO Operating Group and the operating function of the appropriate transmission owners for consideration in the annual review and update of NYISO and transmission owner restoration plans as required by Reliability Rule G-R1.</p>
--

### Responsibilities

<p>Reporting Frequency: On Request          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
---

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall prepare and adequately implement a procedure to assess the impact of system expansion plans on the NYCA System Restoration Plan, in accordance with Measurement B-M3.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO prepared the required procedure, but the procedure was not adequately implemented.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO did not prepare the required procedure.
<input type="checkbox"/> Non-Compliance Level 4	Not applicable.

## Compliance Templates NYSRC Reliability Rules

### TRANSMISSION CAPABILITY – PLANNING

**B-M4**

#### Reliability Rule Reference

<b>B-R6 List of NYS Bulk Power System Facilities</b>
--

#### Measurement

<p><b>B-M4</b> The NYISO shall establish and maintain a procedure for developing a list of NYS Bulk Power System facilities. On request, the NYISO shall submit this procedure and list of NYS Bulk Power System facilities to the NYSRC for review. The NYS Bulk Power System facilities list shall be published in the annual NYISO “Load and Capacity Data Report” or other publication approved by the NYSRC.</p>
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#### Responsibilities

<p>Reporting Frequency: On Request          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
---

#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall establish and maintain a procedure for developing a list of NYS Bulk Power System facilities and publish this list, in accordance with Measurement B-M4.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Documentation of NYISO procedures for developing and maintaining a list of NYS Bulk Power System facilities was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The list of NYS Bulk Power System facilities was not published as required, or documentation of procedures for developing and maintaining the list of NYS Bulk Power System Facilities was not provided.

# Compliance Templates NYSRC Reliability Rules

## RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS

C-M1

### Reliability Rule Reference

<b>C-R1 Verification Testing of Resource Capacity</b>
---

### Measurement

<p><b>C-M1</b> The NYISO shall establish and maintain procedures for resource capacity data verification testing or demonstration for all equipment utilized for providing installed capacity and reactive power capacity to the NYCA.</p>
--

The data to be provided to the NYISO shall include resource net dependable capacity for all resources that are participating in the NYISO installed capacity market, and 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 at the time of the DMNC test, and 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. The resource capacity data shall include the actual test date(s) for each generator.

The NYISO shall provide dependable net capacity and 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.

### Responsibilities

<p>Reporting Frequency: On Request          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
---

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall establish and maintain resource capacity verification procedures in accordance with Measurement C-M1. The schedule for the testing of generation equipment and the schedule for submission of the verification or tests to the NYISO shall be included in these NYISO procedures. The dependable net capacity and gross reactive capacity data shall be forwarded to the operating function of the Transmission Owner in accordance with time requirements specified in C-M1.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Documentation of NYISO procedures for resource capacity equipment testing did not meet Measurement C-M1 requirements in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO did not provide capacity data to the Transmission Owners within the time requirements specified in Measurement C-M1.

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<input type="checkbox"/> Non-Compliance Level 4	Documentation of NYISO procedures for resource capacity equipment testing in accordance with Measurement C-M1 requirements were not provided.
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## Compliance Templates NYSRC Reliability Rules

### RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS

C-M2

#### Reliability Rule Reference

<b>C-R1 Verification Testing of Resource Capacity</b>
---

#### Measurement

<b>C-M2</b> Owners of resources responsible for providing ICAP shall seasonally verify the net dependable capacity of their equipment and report these results to the NYISO in accordance with NYISO procedures and schedules as required in Measurement C-M1.
--

#### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
--

#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that all applicable generation owners responsible for providing ICAP verified the net dependable capacity of their equipment and reported these results to the NYISO as specified by NYISO procedures and schedules under Measurement C-M1, in accordance with Measurement C-M2.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO certified that one generation owner did not submit complete verified dependable net capacity test results to the NYISO as required by NYISO procedures and Measurement C-M2.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO certified that two generation owners did not submit complete verified dependable net capacity test results to the NYISO as required by NYISO procedures and Measurement C-M2.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO certified that three generation owners did not submit complete verified dependable net test results to the NYISO as required by NYISO procedures and Measurement C-M2.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO certified that four or more generation owners did not submit complete verified dependable net capacity test results to the NYISO as required by NYISO procedures and Measurement C-M2.

## Compliance Templates NYSRC Reliability Rules

### RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS

C-M3

#### Reliability Rule Reference

<b>C-R1 Verification Testing of Resource Capacity</b>
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#### Measurement

<b>C-M3</b>	Generation equipment owners shall annually perform tests for all generators that are voltage support ancillary service providers to verify the reactive power capacity of their generators and report test results to the NYISO, in accordance with NYISO procedures and schedules as required in Measurement C-M1.
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#### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that all applicable generation owners performed tests to verify the reactive power capacity for their generators, and reported these test results to the NYISO as specified by NYISO procedures and schedules under Measurement C-M1, in accordance with Measurement C-M3.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO certified that one or more generation owners failed to submit test results to the NYISO on schedule.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO certified that generator reactive power capacity verification testing reports were incomplete in one or more areas for one or more generator owners, as specified by NYISO procedures.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO certified that generator reactive power capacity verification tests was either not completed, or testing results not provided to the NYISO, as specified by NYISO procedures and schedules, for one or more generator owners.

# Compliance Templates NYSRC Reliability Rules

## RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS

C-M4

### Reliability Rule Reference

<b>C-R2 Generating Unit Availability</b>
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### Measurement

**C-M4** The NYISO shall establish, maintain and follow procedures to address Installed Capacity Provider generating unit outage data reporting requirements and methods of processing outage data. These procedures shall be designed to provide complete, consistent and accurate data to support NYSRC and NYISO reliability studies. This data shall include, but not be limited to, forced, partial and maintenance outage statistics. NYISO outage data reporting and processing procedures shall include the following requirements:

#### Outage Data Reporting Procedure

1. Installed Capacity Provider generating unit outage data reporting instructions.
2. Installed Capacity Provider outage data reporting schedules.
3. Training programs for Installed Capacity Providers that focus on proper generating unit outage data collection and reporting methods for submission of accurate data to the NYISO.
4. The consequences to an Installed Capacity Provider of failing to submit complete, accurate and timely data to the NYISO.

#### Outage Data Processing Procedures

5. Due diligence NYISO processes for screening of all generating unit outage data received from Installed Capacity Providers. These processes shall be designed to screen outage data and replace misreported outage data or *Suspect Data* with corrected or proxy data as necessary, and shall be employed by the NYISO before the data is used in NYSRC and NYISO reliability studies. On request by the NYSRC, the NYISO shall make available for inspection documentation covering its processes for reviewing and screening outage data.

### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall have documentation of its generating unit outage data reporting procedures (Requirements 1-4) and outage data processing procedures (Requirement 5), as specified in Measurement C-M4. The NYISO shall make available, on request, documentation describing its generating unit outage data processes. The NYISO shall provide documentation showing that it has employed its generating unit outage data processes for
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**Compliance Templates  
NYSRC Reliability Rules**

	review and screening of all reported outage data, and corrected misreported outage data or developed proxy data, as necessary,, before the data is used in NYSRC and NYISO reliability studies.
<input type="checkbox"/> Non-Compliance Level 1	NYISO generating unit outage data reporting and processing procedures were provided, but were incomplete relative to one of the five requirements defined in C-M4. Following a NYSRC request, the NYISO did not make available documentation describing its outage data processes.
<input type="checkbox"/> Non-Compliance Level 2	NYISO compliance documentation showed that not all reported generating unit outage data were reviewed, screened and corrected using the NYISO generating unit outage data process procedure before the data was used in NYSRC and NYISO reliability studies.
<input type="checkbox"/> Non-Compliance Level 3	NYISO generating unit outage data reporting and processing procedures were provided, but were incomplete relative to two of the five C-M4 requirements defined in C-M4.
<input type="checkbox"/> Non-Compliance Level 4	NYISO generating unit outage data reporting and processing procedures were provided, but were incomplete relative to three or more of the five C-M4 requirements defined in C-M4.

# Compliance Templates NYSRC Reliability Rules

## RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS

**C-M5**

### Reliability Rule Reference

<b>C-R2 Generating Unit Availability</b>
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### Measurement

<b>C-M5</b> Installed Capacity Providers located in or serving the NYCA shall provide generating unit outage data for their generating units in accordance with NYISO procedures, tariffs and schedules for reporting outage data to the NYISO.
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### Responsibilities

Reporting Frequency: Monthly Reporting Responsibility: Installed Capacity Provider Compliance Monitoring Responsibility: NYISO Oversight Review Responsibility: NYSRC RCMS
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that, during the time period designated by the NYSRC, all Installed Capacity Providers reported generating unit outage data in accordance with applicable NYISO procedures, tariffs and schedules.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO certified that an Installed Capacity Provider failed to report its generating unit outage data in accordance with NYISO data reporting schedules.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO certified that generating unit outage data from an Installed Capacity Provider was found to be misreported after the data was used in reliability studies.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO certified that generating unit outage data from a single Installed Capacity Provider was found to be misreported two or more times over a two-year period, after the data was used in reliability studies.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO certified that an Installed Capacity Provider did not report its generating unit outage data in accordance with applicable NYISO procedures and tariffs.

## Compliance Templates NYSRC Reliability Rules

### RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS

C-M6

#### Reliability Rule Reference

<b>C-R2 Generating Unit Availability</b>
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#### Measurement

<p><b>C-M6</b> The NYISO shall annually prepare, from outage and load response data received under C-M5, a document depicting outage and load response data applicable to reliability analysis, recognizing applicable confidentiality requirements. The report shall include statewide resource class statistics, averaged for an appropriate historical period.</p>
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#### Responsibilities

<p>Reporting Frequency: Annually          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
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#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall annually prepare a document depicting NYCA generating unit outage statistics from outage data received from Installed Capacity Providers, as specified in Measurement C-M6. This document shall be submitted to the NYSRC in accordance with NYSRC time schedules.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The required document depicting NYCA generating unit outage statistics was not submitted to the NYSRC.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Not applicable.

## Compliance Templates NYSRC Reliability Rules

### RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS

**C-M7**

#### Reliability Rule Reference

<b>C-R3 Load Forecasting</b>
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#### Measurement

<p><b>C-M7</b> The NYISO shall have documentation identifying the scope and details of the actual and forecast (a) demand data and (b) net energy for load data to be reported for system modeling and reliability analyses. The documentation of the scope and details of the data reporting requirements shall be available to the NYSRC on request.</p>
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#### Responsibilities

<p>Reporting Frequency: On Request          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
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#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall prepare procedures specifying load data requirements in accordance with Measurement C-M7, which shall address the data requirements in Measurement C-M8, as well as a schedule for reporting this data.
<input type="checkbox"/> Non-Compliance Level 1	Procedures specifying load data requirements were incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 2	Not applicable.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Procedures specifying load data requirements were not provided.

# Compliance Templates NYSRC Reliability Rules

## RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS

**C-M8**

### Reliability Rule Reference

<b>C-R3 Load Forecasting</b>
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### Measurement

<p><b>C-M8</b> The following information shall be provided annually to the NYSRC as specified by NYISO procedures required under C-M7:</p> <ol style="list-style-type: none"> <li>a. Annual peak hour actual demands in megawatts (MW) and net energy for load in gigawatthours (GWh) for the prior year, on an aggregated statewide and transmission district basis.</li> <li>b. Annual peak hour forecast demands in MW (summer and winter) in MW and annual net energy in GWh for at least five years and up to ten years into the future, on an aggregated statewide and transmission owner basis. In addition, annual peak hour forecast demands for the NYCA zones, for a specified future period, will be provided to the NYSRC on request.</li> </ol>
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### Responsibilities

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

<input type="checkbox"/> Full (100%) Compliance	Aggregated actual and forecast demand and net energy for load data shall be provided in accordance with Measurement C-M8.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Actual and forecast demand and energy data was not provided in one or more of the areas as required by Measurement C-M8.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	No actual and forecast demand and energy data, as required by Measurement C-M8, was provided.

**Compliance Templates  
NYSRC Reliability Rules**

**RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS**

**C-M9**

**Reliability Rule Reference**

**C-R4 System Data Requirements**

**Measurement**

**C-M9.** The NYISO shall establish and maintain a procedure for the development and maintenance of load flow, short-circuit, and stability data bases. . This procedure shall include Market Participant requirements to report to the NYISO and Transmission Owners verified changes to equipment parameters that affect these data bases. The procedure shall address appropriate time requirements for reporting such data base changes.

**Responsibilities**

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

**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall has in place a procedure for the development and maintenance of load flow, short-circuit and stability data bases, including Market Participant requirements to report data base changes to the NYISO and Transmission Owners, in accordance with Measurement C-M9. This procedure also addresses time requirements for reporting data base changes.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	A NYISO procedure for development and maintenance of load flow, short-circuit, and stability data bases has been prepared, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	A NYISO procedure for development and maintenance of load flow, short-circuit, and stability data bases has not been prepared.

**Compliance Templates  
NYSRC Reliability Rules**

**RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS**

**C-M10**

**Reliability Rule Reference**

<b>C-R4 System Data Requirements</b>
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**Measurement**

<b>C-M10</b> Load flow, short-circuit and stability data bases shall be updated by the NYISO on an annual basis or whenever system changes warrant an update, as specified by NYISO procedures required under Measurement C-M9. These data bases shall be made available per NYISO procedures.
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**Responsibilities**

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	Load flow, short-circuit, and stability data bases shall be updated as specified by NYISO procedures and schedules, in accordance with Measurement C-M10.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Load flow, short-circuit, or stability data bases have not updated as specified by NYISO procedures and schedules.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	None of the load flow, short-circuit, and stability data bases have been updated as specified by NYISO procedures and schedules.

**Compliance Templates  
NYSRC Reliability Rules**

**RESOURCE, SYSTEM & DEMAND DATA REQUIREMENTS**

**C-M11**

**Reliability Rule Reference**

**C-R4 System Data Requirements**

**Measurement**

**C-M11** Transmission Owners and other designated Market Participants shall provide to the NYISO load flow, short-circuit, and stability data in the time frame and format as specified by NYISO procedures required under Measurement C-M9. This data will be used to maintain up-to-date data bases required under Measurement C-M10.

**Responsibilities**

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

**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO certified that all Transmission Owners or other designated Market Participants provided the NYISO with load flow, short circuit, and stability data bases in accordance with Measurement C-M11.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO certified that the required data was complete, but was not submitted to the NYISO by the specified time by one or more designated Market Participants.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO certified that the required data was submitted to the NYISO on time, but was incomplete in one or more areas for one or more designated Market Participants.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO certified that the required data from one or more designated Market Participants was not submitted to the NYISO.



## Compliance Templates NYSRC Reliability Rules

### Disturbance Recording

C-M12

#### Reliability Rule Reference

<b>C-R5 Disturbance Recording</b>
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#### Measurement

<p><b>C-M12</b> The NYISO shall develop requirements and procedures for the installation of disturbance recording devices and the reporting of data to assist in the analysis of NYCA performance during system disturbances. The NYISO shall maintain a database of all NYCA disturbance recording device installations.</p>
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#### Responsibilities

<p>Reporting Frequency: On Request          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
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#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO has in place requirements and procedures for the installation of disturbance recording devices in the NYCA and the reporting of data to assist in the conduct of system disturbance analyses, in accordance with Measurement C-M12. This documentation shall be provided to the NYSRC on request.
<input type="checkbox"/> Non-Compliance Level 1	Documentation providing NYISO requirements and procedures for the installation of disturbance recording devices and the reporting of data to assist in the conduct of system disturbance analyses was complete, but the required database of NYCA disturbance recording devices was not provided.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO had in place documentation providing requirements and procedures for the installation of dynamic recording devices and the reporting of data to assist in the conduct of system disturbance analyses, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO did not have documentation providing requirements and procedures for the installation of installation of disturbance monitoring devices and the reporting of data to assist in the conduct of system disturbance analyses.

## Compliance Templates NYSRC Reliability Rules

### Disturbance Recording

**C-M13**

#### Reliability Rule Reference

<b>C-R5 Disturbance Recording</b>
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#### Measurement

<b>C-M13</b> Market Participants shall install disturbance monitoring devices and report data in accordance with NYISO requirements and procedures.
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#### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that all Market Participants have installed disturbance monitoring devices and reported data in accordance with Measurement C-M13. This documentation shall be provided to the NYSRC on request.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO certified that all Market Participants installed disturbance recording devices as required by NYISO procedures, but that one or more Market Participants did not report data provided by these recordings to the NYISO, as required by these NYISO procedures.
<input type="checkbox"/> Non-Compliance Level 2	Not Applicable
<input type="checkbox"/> Non-Compliance Level 3	The NYISO certified that one or more Market Participants did not comply with NYISO requirements by failing to install disturbance recording devices as required by NYISO procedures.
<input type="checkbox"/> Non-Compliance Level 4	Not Applicable

# Compliance Templates NYSRC Reliability Rules

## OPERATING RESERVES

**D-M1**

### Reliability Rule Reference

**D-R1 Operating Resource Adequacy**  
**D-R2 Minimum Operating Reserve Requirement**  
**D-R3 Availability and Category**

### Measurement

**D-M1** The NYISO shall maintain statistics regarding daily forecasted and actual reserves, and shall report these statistics to the NYSRC on a monthly basis. The statistics shall include 10 minute synchronized, 10 minute non-synchronized, and 30 minute operating reserves. The report shall distinguish between supply and demand-side resources and any locational operating reserves.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	In accordance with Measurement D-M1, the NYISO shall provide a monthly report which compares forecasted versus actual operating reserve in all categories as described in Reliability Rules D-R1 to D-R3. The report must also distinguish between the need to maintain operating reserve requirement for the NYCA and the locational operating reserve needs of New York City as outlined in the Local Reliability Rules I-R1 and I-R2.
<input type="checkbox"/> Non-Compliance Level 1	The report did not provide all of the required information.
<input type="checkbox"/> Non-Compliance Level 2	The report indicated that the NYISO did not maintain system operating reserve consistent with Reliability Rules D-R1 to D-R3 or Local Reliability Rules I-R1 and I-R2.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	A report was not prepared or not submitted.

# Compliance Templates NYSRC Reliability Rules

## OPERATING RESERVES

**D-M2**

### Reliability Rule Reference

**D-R1 Operating Resource Adequacy**  
**D-R2 Minimum Operating Reserve Requirement**  
**D-R3 Availability and Category**  
**D-R4 Restoration of Ten (10) Minute Reserves**

### Measurement

**D-M2** The NYISO shall maintain procedures and systems that ensure the adequacy of operating reserves, and shall provide documentation of these procedures and systems. The NYISO must notify the NYSRC of any changes to these procedures and systems.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	In accordance with Measurement D-M2, NYISO shall have procedures consistent with maintaining the requirements for operating resource adequacy (D-R1), and the requirement to maintain availability and minimum level in all operating reserve categories (D-R2 and D-R3). NYISO commitment and dispatch systems maintain systems shall maintain resources and operating reserve consistent with the requirements of Reliability Rules D-R1 to D-R4. To the extent necessary these procedures and systems shall take into consideration Local Reliability Rules I-R1 and I-R2. The NYISO shall notify NYSRC of any changes to the procedures or systems.
<input type="checkbox"/> Non-Compliance Level 1	NYISO did not have adequate procedures or systems in place, or failed to notify NYSRC of a change to its procedures or systems.
<input type="checkbox"/> Non-Compliance Level 2	Not applicable.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO did not provide the required procedures.

# Compliance Templates NYSRC Reliability Rules

## OPERATING RESERVES

**D-M3**

### Reliability Rule Reference

<b>D-R4 Restoration of Ten (10) Minute Reserve</b>
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### Measurement

<p><b>D-M3</b> The NYISO shall monthly report to the NYSRC the response of the system to restore ten (10) minute operating reserve after the loss of a major unit (&gt;300MW). For each incident this report shall identify the MW capacity lost; the 10 minute and 30 minute operating reserves prior to the incident; and the area control error (ACE), 10 minute, and 30 minute operating reserves at a period of time 10 minutes and 30 minutes after the incident.</p>
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### Responsibilities

<p>Reporting Frequency: Monthly          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall provide specific details consistent with Reliability Rule D-R4, and as outlined in Measurement D-M3, with respect to the restoration of (10) minute operating reserve after a reportable event, as part of a monthly operating report.
<input type="checkbox"/> Non-Compliance Level 1	The report did not provide all of the required information.
<input type="checkbox"/> Non-Compliance Level 2	The report indicated non-compliance with maintaining system operating resource adequacy.
<input type="checkbox"/> Non-Compliance Level 3	The report indicated non-compliance with maintaining operating resource adequacy and operating reserve requirements.
<input type="checkbox"/> Non-Compliance Level 4	The report indicated non-compliance as outlined in Non-Compliance Level 3 and indicates that the NYISO did not meet the requirements for restoration of operating reserve after a reportable event.

## Compliance Templates NYSRC Reliability Rules

### TRANSMISSION CAPABILITY – OPERATING

**E-M1**

#### Reliability Rule Reference

**E-R1 Thermal Assessment**  
**E-R2 Voltage Assessment**  
**E-R3 Stability Assessment**

#### Measurement

**E-M1** The NYISO shall maintain procedures and systems that ensure that appropriate actions are taken when thermal, voltage, and/or stability limits are violated. The NYISO must notify the NYSRC of any changes to these procedures and systems.

#### Responsibilities

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

#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall maintain procedures and systems in accordance with Measurement E-M1 which identify appropriate actions to be taken whenever the bulk power transmission system's thermal, voltage, and stability limits are violated. Any revisions to these procedures or systems must be reported to the NYSRC.
<input type="checkbox"/> Non-Compliance Level 1	Revisions to existing procedures or systems were not reported to the NYSRC.
<input type="checkbox"/> Non-Compliance Level 2	Documentation of NYISO procedures and systems for violation of thermal, voltage, and stability limits was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Documentation of NYISO procedures and systems for violation of thermal, voltage, and stability limits was not provided.

# Compliance Templates NYSRC Reliability Rules

## TRANSMISSION CAPABILITY – OPERATING

**E-M2**

### Reliability Rule Reference

**E-R1 Thermal Assessment**  
**E-R2 Voltage Assessment**  
**E-R3 Stability Assessment**  
**E-R4 Post-Contingency Operation**

### Measurement

**E-M2** Every month the NYISO shall report to the NYSRC on the performance of the transmission system (E-R1 through E-R4), with respect to the number of transmission facilities and amount of time that each of those facilities exceeded operating constraints, including pre-contingency thermal and voltage limits, post-contingency thermal and voltage limits, and stability limits.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall, on a monthly basis, submit a report to the NYSRC on the performance of the transmission system, in accordance with NYSRC Reliability Rules E-R1, E-R2, E-R3, E-R4 and Measurement E-M2.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO report was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO report was not provided.

# Compliance Templates NYSRC Reliability Rules

## TRANSMISSION CAPABILITY – OPERATING

**E-M3**

### Reliability Rule Reference

<b>E-R5 Outage Coordination</b>
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### Measurement

<b>E-M3</b> The NYISO shall maintain procedures and systems which ensure that outages of transmission facilities are coordinated in such a manner to ensure reliability. The NYISO must notify the NYSRC of any changes to these procedures and systems.
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### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall maintain transmission outage coordination procedures and systems in accordance with Measurement E-M3. Any revisions to these procedures or systems must be reported to the NYSRC.
<input type="checkbox"/> Non-Compliance Level 1	Revisions to existing procedures or systems were not reported to the NYSRC.
<input type="checkbox"/> Non-Compliance Level 2	Documentation of NYISO procedures and systems for coordination of transmission facility outages was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Documentation of NYISO procedures and systems for coordination of transmission facility outages was not provided.



## Compliance Templates NYSRC Reliability Rules

### TRANSMISSION CAPABILITY – OPERATING

**E-M4**

#### Reliability Rule Reference

**E-R6 Operation During Impending Severe Weather**  
**E-R7 Operation During a Severe Solar Magnetic Disturbance**

#### Measurement

**E-M4** The NYISO shall maintain procedures and systems which allow for more stringent operating restrictions prior to, and during, severe weather conditions, and severe solar magnetic disturbances. The NYISO must notify the NYSRC of any changes to these procedures and systems.

#### Responsibilities

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

#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall maintain procedures and systems for operation during severe impending weather or solar magnetic disturbances in accordance with Measurement E-M4. Any revisions to these procedures or systems must be reported to the NYSRC.
<input type="checkbox"/> Non-Compliance Level 1	Revisions to existing procedures or systems were not reported to the NYSRC.
<input type="checkbox"/> Non-Compliance Level 2	Documentation of NYISO procedures and systems for operation during severe impending weather or solar magnetic disturbances was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Documentation of NYISO procedures and systems for operation during severe impending weather or solar magnetic disturbances was not provided.

## Compliance Templates NYSRC Reliability Rules

### TRANSMISSION CAPABILITY – OPERATING

**E-M5**

#### Reliability Rule Reference

**E-R6 Operation During Impending Severe Weather**  
**E-R7 Operation During a Severe Solar Magnetic Disturbance**

#### Measurement

**E-M5** The NYISO shall report to the NYSRC when more stringent operating restrictions were imposed due to severe weather conditions and severe solar magnetic disturbances, and summarize the actions taken.

#### Responsibilities

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

#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall report to the NYSRC whenever more stringent operating conditions were imposed as a result of severe weather conditions or severe solar magnetic disturbances in accordance with Measurements E-M5.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	NYSRC was notified but summary of actions taken was not provided.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	NYSRC was not notified.

**Compliance Templates  
NYSRC Reliability Rules**

**TRANSMISSION CAPABILITY – OPERATING**

**E-M6**

**Reliability Rule Reference**

<b>E-R8 Fault Current Assessment</b>
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**Measurement**

<b>E-M6</b>	<p>a. The NYISO shall perform pre-seasonal assessments, and additional re-evaluations if required by system changes, to evaluate fault duty at each NYS Bulk Power System station. The NYISO shall notify the applicable equipment owner and other potentially affected Market Participants of any location expected to exceed equipment ratings.</p> <p>b. After the equipment owner has reported its findings on the NYISO’s assessment (as required by Measurement E-M7), the NYISO, in consultation with the equipment owner and the other potentially affected Market Participants, shall develop, if necessary, an appropriate mitigation plan.</p>
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**Responsibilities**

<p>Reporting Frequency: On Request          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: RCMS          Oversight Review Responsibility: N/A</p>
---

**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall (a) perform fault duty assessments, and (b) develop mitigation plans, if necessary, in accordance with Measurement E-M6. Documentation of these assessments and mitigation plans shall be reported to the NYSRC as requested.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Not applicable.
<input type="checkbox"/> Non-Compliance Level 3	The required fault duty assessment was completed, but the NYISO failed to notify breaker owners of pending conditions whereby fault duty levels may exceed appropriate ratings in sufficient time to permit the condition from being prevented.
<input type="checkbox"/> Non-Compliance Level 4	The required fault duty assessment was not completed; or the fault duty assessment was completed, but the NYISO failed to develop the required mitigation plan.

**Compliance Templates  
NYSRC Reliability Rules**

**TRANSMISSION CAPABILITY – OPERATING**

**E-M7**

**Reliability Rule Reference**

<b>E-R8 Fault Current Assessment</b>
--------------------------------------

**Measurement**

<b>E-M7</b> After evaluating and considering the NYISO assessment concerning a location for which fault duty levels may exceed appropriate equipment ratings, the applicable equipment owner shall assess the condition and report its findings to the NYSIO in accordance with NYISO requirements (see Measurement M-6a).
--

**Responsibilities**

Reporting Frequency: As Required Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO certified that all applicable equipment owners evaluated NYISO assessments concerning locations for which fault duty levels may exceed equipment ratings and reported their findings to the NYISO in accordance with NYISO requirements and Measurement E-M7.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO certified that one or two applicable equipment owners did not evaluate NYISO fault duty assessments as required and report their findings to the NYISO.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO certified that three or more applicable equipment owners did not evaluate NYISO fault duty assessments as required and report their findings to the NYISO.
<input type="checkbox"/> Non-Compliance Level 4	Not applicable.

**Compliance Templates  
NYSRC Reliability Rules**

**TRANSMISSION CAPABILITY – OPERATING**

**E-M8**

**Reliability Rule Reference**

<b>E-R9 Applications of the NYSRC Reliability Rules</b>
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**Measurement**

<p><b>E-M8</b> The NYISO shall establish and maintain Applications of the NYSRC Reliability Rules (Applications) consisting of Transmission Owner procedures for meeting the NYSRC Reliability Rules that apply to specific system locations or conditions. The list of Applications shall be posted on the NYISO web site. The Transmission Owners shall prepare new or revised Applications as required. Applications proposed by Transmission Owners shall be referred to the NYISO for approval. The NYISO shall advise the NYSRC when Application changes occur. The NYISO shall prepare a procedure addressing the above requirements.</p>
--

**Responsibilities**

<p>Reporting Frequency: As Required          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
--

**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall establish and maintain Applications in accordance with requirements addressed in Measurement E-M8.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO did not advise the NYSRC when Application changes occurred, or the Application List is not up-to-date.
<input type="checkbox"/> Non-Compliance Level 2	The list of Applications was not posted on the NYISO Web site.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO did not prepare an Applications procedure in accordance with E-M8 requirements.
<input type="checkbox"/> Non-Compliance Level 4	A list of Applications was not established.

**Compliance Templates  
NYSRC Reliability Rules**

**TRANSMISSION CAPABILITY – OPERATING**

**E-M9**

**Reliability Rule Reference**

**E-R10 Exceptions to the NYSRC Reliability Rules**

**Measurement**

**E-M9** The NYISO shall annually review exceptions to the NYSRC Reliability Rules granted under NYSRC Policy 1, *Procedure for Reviewing, Developing, Modifying, and Disseminating NYSRC Reliability Rules*. This review shall verify that the basis for each exception is still valid. The NYISO shall notify the NYSRC when it has determined that an exception is no longer applicable and document the reasons why. The NYISO shall revise the list of exceptions after the NYISO receives agreement from the NYSRC on the results of its review.

**Responsibilities**

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

**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall annually review exceptions to the NYSRC Reliability Rules, report to the NYSRC those exceptions that it determines are no longer applicable, and update its list of exceptions if the NYSRC agrees with the NYISO assessment, in accordance with Measurement E-M9.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO conducted an annual review of exceptions, but did not revise its list of exceptions after the NYSRC agreed with the NYISO that one or more exceptions are no longer applicable
<input type="checkbox"/> Non-Compliance Level 2	The NYISO conducted an annual review of exceptions, but did not notify the NYSRC if it determined that one or more exceptions are no longer applicable
<input type="checkbox"/> Non-Compliance Level 3	The NYISO did not conduct an annual review of exceptions as required.
<input type="checkbox"/> Non-Compliance Level 4	Not applicable.

# Compliance Templates NYSRC Reliability Rules

## OPERATION DURING MAJOR EMERGENCIES

**F-M1**

### Reliability Rule Reference

**F-R1** Transmission Thermal Overloads  
**F-R2** Post-Contingency STE Rating Violations  
**F-R3** High or Low Voltage  
**F-R4** Post-Contingency Voltage  
**F-R5** Operating Reserve Deficiency  
**F-R6** Stability Limit Violation  
**F-R7** Low Frequency

### Measurement

**F-M1** The NYISO shall maintain procedures and systems that ensure that appropriate actions are taken when frequency, reserves, thermal, voltage, and/or stability limits are violated. The NYISO must notify the NYSRC of any changes to these procedures and systems.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall maintain procedures and systems in accordance with Measurement F-M1, to ensure that all market participants will respond correctly when frequency, reserves and thermal, voltage and/or stability limits are violated.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	NYISO procedures were provided, but were incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Procedures were not provided by the NYISO.

# Compliance Templates NYSRC Reliability Rules

## OPERATION DURING MAJOR EMERGENCIES

F-M2

### Reliability Rule Reference

<p><b>F-R1 Transmission Thermal Overloads</b>  <b>F-R2 Post-Contingency STE Rating Violations</b>  <b>F-R3 High or Low Voltage</b>  <b>F-R4 Post-Contingency Voltage</b>  <b>F-R5 Operating Reserve Deficiency</b>  <b>F-R6 Stability Limit Violation</b>  <b>F-R7 Low Frequency</b></p>
--

### Measurement

<p><b>F-M2</b> The NYISO shall report to the NYSRC on every instance of a major emergency. Included in this report shall be a description of the incident, a summary of conditions that warranted the change to a major emergency state, a summary of actions taken, and the effectiveness of those actions. A preliminary report shall be provided to the NYSRC within one week of the incident; and a final report, if requested by the NYSRC, shall be provided within one month following the incident.</p>
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### Responsibilities

<p>Reporting Frequency: As Required  Reporting Responsibility: NYISO  Compliance Monitoring Responsibility: NYSRC RCMS  Oversight Review Responsibility: N/A</p>
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall provide a preliminary report of major emergencies within one week of an incident. In addition, if requested by the NYSRC, a final report shall be provided within one month following the incident. These reports shall be prepared in accordance with Measurement F-M2 and shall demonstrate what NYISO actions were taken and their effectiveness for meeting NYSRC Reliability Rules.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The required reports were provided following a major emergency, but at least one report was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	The required major emergency reports were provided, but a review indicated that the NYCA system was not operated in accordance with NYSRC Reliability Rules.
<input type="checkbox"/> Non-Compliance Level 4	At least one of the required major emergency reports was not provided following a reportable incident.



# Compliance Templates NYSRC Reliability Rules

## OPERATION DURING MAJOR EMERGENCIES

**F-M3**

### Reliability Rule Reference

<b>F-R8 Load Shedding Allocation</b>
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### Measurement

<b>F-M3</b> The NYISO shall maintain procedures and systems that ensure that sufficient load shedding capability exists for both manual and automatic response. The NYISO must notify the NYSRC of any changes to these procedures and systems.
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### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall maintain procedures for ensuring that sufficient load shedding capability exists in accordance with Measurement F-M3. These procedures should include transmission owner reporting requirements (see F-M4) and the conduct of NYISO analyses to ensure that sufficient load shedding is available to meet the load shedding requirements.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Procedures for ensuring that sufficient load shedding capability exists were provided, but were incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	The required procedures were complete; however, analyses to ensure that sufficient load shedding is available were incomplete.
<input type="checkbox"/> Non-Compliance Level 4	The required procedures were not provided.

# Compliance Templates NYSRC Reliability Rules

## OPERATION DURING MAJOR EMERGENCIES

**F-M4**

### Reliability Rule Reference

<b>F-R8 Load Shedding Allocation</b>
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### Measurement

<p><b>F-M4</b> Each transmission owner shall report to the NYISO the amount of load that is expected to be shed through automatic and manual load shedding, coincident with the peak load of its transmission district in accordance with NYISO procedures (see Measurement F-M3). The NYISO shall annually report compliance of this requirement to the NYSRC.</p>
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### Responsibilities

<p>Reporting Frequency: Annually          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that each transmission owner has submitted appropriate load shedding documentation in accordance with NYISO procedures, and as required under Measurement F-M3, to ensure that sufficient automatic and manual load shedding is available to meet NYISO requirements.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO certified that load shedding documentation was submitted from all transmission owners, but was incomplete in one or more areas for one or two transmission owners.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO certified that load shedding documentation was submitted from all transmission owners, but was incomplete in one or more areas for three or more transmission owners.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO certified that load shedding documentation was not provided by one or two transmission owners.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO certified that load shedding documentation was not provided by more than three transmission owners.

**Compliance Templates  
NYSRC Reliability Rules**

**OPERATION DURING MAJOR EMERGENCIES**

**F-M5**

**Reliability Rule Reference**

<b>F-R5 Operating Reserve Deficiency</b>
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**Measurement**

<p><b>F-M5</b> Every month the NYISO shall report to the NYSRC on the following emergency actions that were initiated: emergency assistance from neighboring Control Areas, manual (local) voltage reductions, quick response (remote control) voltage reductions (5 and 8%), voluntary load curtailment, public appeals, Special Case Resources, Emergency Demand Response Program, and load shedding. For each emergency action the report shall include: (a) the date of the emergency action; (b) the zone(s) where the emergency action was implemented; (c) an estimate of the MW capacity addition or load relief achieved, by zone; and (d) the reason(s) why the emergency action was implemented.</p>
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**Responsibilities**

<p>Reporting Frequency: Monthly          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: RCMS          Oversight Review Responsibility: N/A</p>
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**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall, on a monthly basis, submit a report to the NYSRC on emergency actions that were initiated, in accordance with Measurement F-M5.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO report was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO report was not provided.

**Compliance Templates  
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**OPERATION DURING MAJOR EMERGENCIES**

**F-M6**

**Reliability Rule Reference**

<b>F-R5 Operating Reserve Deficiency</b>
--

**Measurement**

<b>F-M6</b> The NYISO shall institute a statewide voltage reduction test during the summer capability period of each year if statewide voltage reduction has not been called for during the early portion of the summer. The results of the test or actual voltage reduction shall be recorded and provided to the NYSRC every year.
--

**Responsibilities**

Reporting Frequency: Annually Reporting Responsibility: NYISO Compliance Monitoring Responsibility: RCMS Oversight Review Responsibility: N/A
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**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall annually provide the results of test or actual statewide voltage reduction within an appropriate time period to the NYSRC, in accordance with Measurement F-M6
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	A statewide voltage reduction test was performed if required, but the results of this test or actual voltage reduction were not provided to the NYSRC within an appropriate time period.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	A statewide voltage reduction test, if required, was not performed.

# Compliance Templates

## NYSRC Reliability Rules

### SYSTEM RESTORATION

G-M1

#### Reliability Rule Reference

#### G-R1 System Restoration Plan

#### 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:

1. Procedures for coordinating the NYISO SRP and the transmission owner SRPs.
2. Required actions to be included in each transmission owner's restoration plan, consistent with NYISO procedures and NYSRC, NPCC, and NERC criteria.
3. Procedures for coordinating the SRPs of the NYISO and neighboring Reliability Coordinators, including restoration of interconnections.
4. Identification of blackstart facilities required for implementing the NYISO SRP, including the names, location, megawatt capabilities, megavar capabilities, and unit type.
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.
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.
7. Identification of the necessary operating instructions and procedures to cover loss of telecommunications channels during a system disturbance.
8. Identification of protocols for disseminating information to operating entities identified in the plan during a system disturbance.
9. Procedures for ensuring that the coordination of NYISO and transmission owner SRPs be demonstrated by drill or by simulation.
10. Procedures requiring transmission owners to notify the NYISO of any proposed changes to transmission owner SRP facilities or procedures that could effect the

## Compliance Templates NYSRC Reliability Rules

	coordination of the NYISO and TO restoration plans at least two months prior to their implementation.
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.
12.	Identification of guidelines which provide the basis for alternative restoration actions if normal restoration procedures cannot be executed due to system conditions.
13.	Procedures for coordinating annual updates to the NYISO SRP and restoration plans of neighboring Reliability Coordinators.

### Responsibilities

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

### Levels of Compliance

<input 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 or more of the requirements within G-M1.

# Compliance Templates NYSRC Reliability Rules

## SYSTEM RESTORATION

**G-M2**

### Reliability Rule Reference

<b>G-R1 Emergency Restoration Procedures</b>
<b>G-R2 Restoration Training and Simulation Programs</b>

### Measurement

<b>G-M2</b>	Each transmission owner shall establish and maintain a restoration plan in accordance with the NYCA SRP, NYISO procedures, and Measurement G-M1. This restoration plan shall be coordinated with the restoration plans of other transmission owners and shall be part of the NYCA SRP. The transmission owner SRP shall include procedures to identify blackstart resources that are necessary for implementing its SRP including testing requirements, in accordance with the NYCA SRP and NYISO procedures. Transmission owners shall conduct an annual review of their SRP. Transmission owners shall conduct annual training of their operating personnel on their SRP procedures, including the procedures for coordinating with the NYISO SRP. Each transmission owner shall report to the NYISO the completion of the annual training and review.
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### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: TOs Compliance Monitoring Responsibility: NYISO Oversight Review Responsibility: NYSRC RCMS
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that each transmission owner has a SRP in accordance with G-M1, G-M2, and NYISO procedures.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO certifies that one or more transmission owners failed to comply with one requirement within G-M1, G-M2, or NYISO procedures.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO certifies that one or more transmission owners failed to comply with two requirements within G-M1, G-M2, or NYISO procedures.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO certifies that one or more transmission owners failed to comply with three requirements within G-M1, G-M2, or NYISO procedures.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO certifies that one or more transmission owners failed to comply with four or more requirements within G-M1, G-M2, or NYISO procedures.

# Compliance Templates NYSRC Reliability Rules

## SYSTEM RESTORATION

## G-M3

### Reliability Rule Reference

<b>G-R1 Emergency Restoration Procedures</b>
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<b>G-R2 Restoration Training and Simulation Programs</b>
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### Measurement

<p><b>G-M3</b> Each Blackstart Provider shall develop appropriate test procedures in accordance with G-M2 requirements to ensure those blackstart facilities that are included in the transmission owner’s SRP are able to perform their intended functions. Each Blackstart Provider shall complete a successful test of the startup and operation of each of its Blackstart Facilities included in the NYCA SRP in each capability year to demonstrate that its Blackstart Facilities can perform their intended functions in accordance with the procedures required in Measurement G-M1. Each Blackstart Provider shall provide documentation of these test results to the appropriate entity in accordance with NYISO and transmission owner procedures.</p>
---

In addition, each Blackstart Provider shall 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.) and performs tests to verify the condition of these critical components in accordance with good industry practice. Test results will be provided to the NYISO upon request.

Blackstart Providers shall attend NYISO and transmission owner restoration training as required.

### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: GOs Compliance Monitoring Responsibility: NYISO Oversight Review Responsibility: NYSRC RCMS
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that it has received a letter from each Blackstart Provider certifying that it is in compliance with all blackstart facility procedural and testing requirements, including the testing of critical facility components, and training requirements as defined in G-M1, G-M3, and NYISO procedures.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO certifies that one Blackstart Provider did not provide a letter to the NYISO satisfying required testing of critical facility components, in accordance with NYISO or transmission owner procedures.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO certifies that two Blackstart Providers did not provide a letter to the NYISO satisfying required testing of



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	critical facility components, in accordance with NYISO or transmission owner procedures and schedules.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO certifies that three Blackstart Providers did not provide a letter to the NYISO satisfying required testing of critical facility components, in accordance with NYISO or transmission owner procedures and schedules. OR The NYISO certifies that one or more Blackstart Providers failed to attend restoration training as required by the NYISO or transmission owner.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO certifies that four or more Blackstart Providers did not provide a letter to the NYISO satisfying required testing of critical facility components, in accordance with NYISO or transmission owner procedures or schedules.

# Compliance Templates NYSRC Reliability Rules

## SYSTEM RESTORATION

**G-M4**

### Reliability Rule Reference

<b>G-R2 Restoration Training and Simulation Programs</b>
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### Measurement

- |             |  |
|-------------|--|
| <b>G-M4</b> | <p>The <i>NYISO</i> shall establish and maintain procedures for training NYISO and Market Participant operating personnel for the effective implementation of the NYCA SRP, in accordance with the following requirements:</p> <ol style="list-style-type: none"> <li>1. NYISO procedures requiring coordinated training to be conducted at least annually by the <i>NYISO</i> and each transmission owner.</li> <li>2. NYISO training procedures including restoration simulation exercises that include modeling of each transmission owner’s SRP.</li> <li>3. Conduct of annual simulations of full or partial system shutdowns and restoration, including the issuance of critique reports of their respective tests.</li> <li>4. NYISO training procedures requiring Blackstart Providers and other generator owners to participate in training sessions and exercises as appropriate.</li> <li>5. Maintaining program records showing that operating personnel have been trained in the implementation of the NYCA SRP and participated in restoration exercises. These records shall be provided to the NYSRC upon request.</li> <li>6. NYISO procedures for certifying that transmission owner operating personnel have been trained on the transmission owner SRPs consistent with the requirements of <i>NYISO</i> SRP training procedures. The procedures shall require transmission owners to provide the <i>NYISO</i> restoration training program records upon request.</li> </ol> |
|-------------|--|

### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO system restoration training program is in accordance with all six requirements defined in G-M4.
<input type="checkbox"/> Non-Compliance Level 1	The NYISO system restoration training program does not address one of the requirements of G-M4.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO system restoration training program does not address two of the requirements of G-M4.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO system restoration training program does not address three of the requirements of G-M4.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO system restoration training program does not address four or more of the requirements of G-M4.

# Compliance Templates NYSRC Reliability Rules

## SYSTEM PROTECTION

H-M1

### Reliability Rule Reference

<b>H-R1 Bulk Power System Protection</b>
--

### Measurement

<p><b>H-M1</b> The NYISO shall provide the NYSRC with compliance documentation and data for meeting NPCC Document A-5, in accordance with requirements of NPCC “Procedure For Reporting and Reviewing Proposed Protection Systems for the Bulk Power System” (Document C-22), and requirements of the NPCC and NERC Compliance Programs, as requested.</p>
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### Responsibilities

<p>Reporting Frequency: On Request          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	On request, the NYISO shall provide the NYSRC with compliance documentation and data associated with proposed protection systems, in accordance with Measurement H-M1. The information provided shall meet NPCC procedures and will be coordinated with NPCC reliability compliance program submissions.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Compliance documentation was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Compliance documentation was provided, but it showed that proposed NYCA protection systems do not meet NPCC Document A-5 criteria in one or more areas.
<input type="checkbox"/> Non-Compliance Level 4	Compliance documentation was not provided.

# Compliance Templates NYSRC Reliability Rules

## SYSTEM PROTECTION

**H-M2**

### Reliability Rule Reference

<b>H-R2 Bulk Power System Protection Maintenance</b>
--

### Measurement

<b>H-M2</b> The NYISO shall provide the NYSRC with compliance documentation and data for meeting the requirements of the NYISO system protection maintenance procedure required by Measurement H-M3, as requested. (H-R2).
--

### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall submit a report to the NYSRC on testing and maintenance of NYCA protection systems, in accordance with Measurement H-M3. The maintenance report should show that the protection system maintenance and testing programs of the NYCA protection system owners comply fully with the requirements of NYISO procedures and NPCC Document A-4.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Review of the NYISO report showed that the maintenance and testing programs did not meet NPCC and NYSRC criteria or other requirements in accordance with the NYISO system protection maintenance procedure required by Measurement H-M3.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	No maintenance report was provided to the NYSRC.

## Compliance Templates NYSRC Reliability Rules

### SYSTEM PROTECTION

**H-M3**

#### Reliability Rule Reference

<b>H-R2 Bulk Power System Protection Maintenance</b>
--

#### Measurement

<b>H-M3</b> The NYISO shall establish and maintain a procedure for monitoring compliance with the NPCC Document A-4, "Maintenance Criteria for Bulk Power System Protection," as applied to the New York Control Area. This procedure shall include a description of how the system of compliance reporting is implemented within the NYISO. (H-R2)
---

#### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: RCMS Oversight Review Responsibility: N/A
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#### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall establish and maintain a system protection maintenance procedure in accordance with Measurement H-M3.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO has the required procedure in place, but it is incomplete on one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The required NYISO procedure was not available or was not provided.

# Compliance Templates NYSRC Reliability Rules

## LOCAL RELIABILITY RULES

**I-M1**

### Reliability Rule Reference

**I-R1** Operating Reserves/Unit Commitment (New York City)  
**I-R3** Loss of Generator Gas Supply (New York City)  
**I-R4** Thunderstorm Watch (New York City)

### Measurement

**I-M1** The NYISO shall document, maintain, and publish requirements for Con Edison to develop procedures for operating its system in accordance with I-R1, I-R3, and I-R4, including notification of the NYISO when actions are taken in accordance with these local reliability rules, and the reasons thereof. The NYISO shall review and approve Con Edison procedures and required studies, including any updates to such procedures and studies.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall provide complete documentation for implementing I-R1, I-R3, and I-R4 in accordance with Measurement I-M1.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	NYISO documentation for implementing I-R1, I-R3, and I-R4 was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The required NYISO documentation for implementing Rules I-R1, I-R3, and I-R4 was not provided.

# Compliance Templates NYSRC Reliability Rules

## LOCAL RELIABILITY RULES

**I-M2**

### Reliability Rule Reference

<b>I-R5 Loss of Generator Gas Supply (Long Island)</b>
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### Measurement

<p><b>I-M2</b> The NYISO shall document, maintain, and publish requirements for LIPA to develop procedures for operating its system in accordance I-R5, including notification of the NYISO when action is taken in accordance with this local reliability rule and the reasons thereof. The NYISO shall review and approve LIPA procedures and required studies, including any updates to such procedures and studies.</p>
---

### Responsibilities

<p>Reporting Frequency: On Request          Reporting Responsibility: NYISO          Compliance Monitoring Responsibility: NYSRC RCMS          Oversight Review Responsibility: N/A</p>
---

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall provide complete documentation for implementing I-R5, in accordance with Measurement I-M2.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	NYISO documentation for implementing I-R5 was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The required NYISO documentation for implementing I-R5 was not provided.

# Compliance Templates NYSRC Reliability Rules

## LOCAL RELIABILITY RULES

**I-M3**

### Reliability Rule Reference

<b>I-R2</b> Locational Reserves (New York City)
---

### Measurement

<b>I-M3</b> The NYISO shall have in place procedures to ensure that sufficient ten (10) minute reserves are maintained in the NYC zone in accordance with I-R2.
---

### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
--

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall have procedures in place and operate the NYCA system to ensure implementation of I-R2, in accordance with Measurement I-M3.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO have procedures in place, but they are incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The required NYISO procedures not available or were not provided.



# Compliance Templates NYSRC Reliability Rules

## LOCAL RELIABILITY RULES

**I-M4**

### Reliability Rule Reference

<b>I-R1</b>	<b>Operating Reserves/Unit Commitment (New York City)</b>
<b>I-R2</b>	<b>Locational Reserves (New York City)</b>
<b>I-R3</b>	<b>Loss of Generator Gas Supply (New York City)</b>
<b>I-R4</b>	<b>Thunderstorm Watch (New York City)</b>
<b>I-R5</b>	<b>Loss of Generator Gas Supply (Long Island)</b>

### Measurement

<b>I-M4</b>	The NYISO shall apply I-R1 through I-R5 in: <ul style="list-style-type: none"> <li>a. the assessment of future transmission capability and analysis of transmission adequacy and security.</li> <li>b. the establishment of operating limits, assessment of operating adequacy, and operation on the NYS bulk power system.</li> </ul>
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### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall apply Reliability Rules I-R1 through I-R4 in accordance with Measurement I-M4. Application of these Rules in assessing future transmission capability and analysis of transmission adequacy and security shall be documented in the annual the NYCA Transmission Review. Application of these Rules for establishing operating limits, assessing operating adequacy, and operating the NYS Bulk Power System shall be documented on request.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYCA Transmission Review included a review of Reliability Rules I-R1 through I-R4, but the assessment was incomplete; or the NYISO did not provide adequate documentation that these Rules were considered in system operations.
<input type="checkbox"/> Non-Compliance Level 3	The NYCA Transmission Review did not include a consideration of Rules I-R1 through I-R4.
<input type="checkbox"/> Non-Compliance Level 4	No documentation was provided showing that Rules I-R1 through I-R4 were considered in system operations.

# Compliance Templates NYSRC Reliability Rules

## LOCAL RELIABILITY RULES

**I-M5**

### Reliability Rule Reference

**I-R1** Operating Reserves/Unit Commitment (New York City)  
**I-R3** Loss of Generator Gas Supply (New York City)  
**I-R4** Thunderstorm Watch (New York City)

### Measurement

**I-M5** Con Edison shall have in place procedures for operating its system in accordance with I-R1, I-R3, and I-R4 and NYISO requirements (see I-M1). These procedures must include notification to the NYISO when actions are taken in accordance with these local reliability rules, and the reasons thereof.

### Responsibilities

Reporting Frequency: On Request  
 Reporting Responsibility: Con Edison  
 Compliance Monitoring Responsibility: NYISO  
 Oversight Review Responsibility: NYSRC RCMS

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that Con Edison submitted, when requested, documents, reports, and analyses in accordance with NYISO requirements and Measurement I-M5.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Con Edison transmitted requested information to the NYISO, but the submitted documents, reports, and analyses did not meet NYISO requirements in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Con Edison failed to supply the NYISO with requested documents, reports, and analyses.

# Compliance Templates NYSRC Reliability Rules

## LOCAL RELIABILITY RULES

**I-M6**

### Reliability Rule Reference

<b>I-R5 Loss of Generator Gas Supply (Long Island)</b>
--

### Measurement

<b>I-M6</b> LIPA shall have in place procedures for operating its system in accordance with I-R5 and NYISO requirements (see I-M2). These procedures must include notification to the NYISO when actions are taken in accordance with the local reliability rules and the reasons thereof.
--

### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: LIPA Compliance Monitoring Responsibility: NYISO Oversight Review Responsibility: NYSRC RCMS
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO certifies that LIPA submitted, when requested, documents, reports, and analyses in accordance with NYISO requirements and Measurement I-M5.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	LIPA transmitted requested information to the NYISO, but the submitted documents, reports, and analyses did not meet NYISO requirements in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	LIPA failed to supply the NYISO with requested documents, reports, and analyses.

# Compliance Templates NYSRC Reliability Rules

## NYISO CONTROL CENTER COMMUNICATIONS

**J-M1**

### Reliability Rule Reference

**J-R1 NYISO/ Market Participant Communications**  
**J-R2 NYISO Communications Under Emergency Conditions**

### Measurement

**J-M1** The NYISO shall develop the necessary procedures and other required documentation in compliance with J-R1 and J-R2, which shall be provided to the NYSRC on request.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall establish procedures for NYISO to Market Participant communications such that communications are consistent, efficient, and effective during normal and emergency conditions. These procedures shall include requirements for enabling operation to continue during loss of communication facilities, including specific requirements of Reliability Rules J-R1 and J-R2 and NPCC and NERC criteria.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	NYISO operator communications procedures have been developed, but they do not include all of the required items.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	There are no NYISO communications procedures in place.

# Compliance Templates NYSRC Reliability Rules

## NYISO CONTROL CENTER COMMUNICATIONS

**J-M2**

### Reliability Rule Reference

<b>J-R2 NYISO Communications Under Emergency Conditions</b>
---

### Measurement

<b>J-M2</b> The NYISO shall prepare reports summarizing performance data of control center communication interfaces. These reports shall be provided to the NYSRC on request or when significant changes are made, and shall include a tracking basis of historical performance of voice and data communication equipment.
--

### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall provide the NYSRC reports providing performance data of control center communications interfaces in accordance with Measurement J-M2.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The required NYISO report was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The required NYISO report was not provided.

**Compliance Templates  
NYSRC Reliability Rules**

**NYISO CONTROL CENTER COMMUNICATIONS**

**J-M3**

**Reliability Rule Reference**

<b>J-R2 NYISO Communications Under Emergency Conditions</b>
---

**Measurement**

<b>J-M3</b> The NYISO shall provide to the NYSRC within one month a report summarizing any loss of critical voice and/or data systems. The report shall describe the problem and its relationship to the control of the NYS Bulk Power System, the cause of the problem, the corrective action, and implementation schedule.
--

**Responsibilities**

Reporting Frequency: As Required Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
---

**Levels of Compliance**

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall provide the NYSRC reports of the loss of critical voice and data systems in accordance with Measurement J-M3.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The required NYISO report was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The required NYISO report was not provided.

# Compliance Templates NYSRC Reliability Rules

## RELIABILITY ASSESSMENT

**K-M1**

### Reliability Rule Reference

<b>K-R1 NYISO Manuals</b>
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### Measurement

<b>K-M1</b> The NYISO Planning and Operating Manuals shall be prepared by the NYISO in conformance with the Reliability Rules and submitted to the NYSRC for compliance review on request.
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### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	In accordance with Measurement K-M1, the NYISO shall provide the NYSRC with a self assessment on the compliance of its planning and operating manuals with the Reliability Rules. The scope of these self assessments will be based on NYSRC guidelines.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	A self assessment was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	The self assessment shows that procedure(s) in the manual do not meet Reliability Rules.
<input type="checkbox"/> Non-Compliance Level 4	The self-assessment was not provided.

# Compliance Templates NYSRC Reliability Rules

## RELIABILITY ASSESSMENT

**K-M2.a**

### Reliability Rule Reference

<b>K-R2 Reliability Assessments</b>
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### Measurement

<b>K-M2.a</b>	The NYISO shall conduct, and provide to the NYSRC, the following reliability assessment:
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A transmission review to demonstrate that the planned NYCA transmission system is in conformance with NYSRC Reliability Rules. Specifically, the transmission review shall incorporate assessments for documenting NYISO compliance with the following NYSRC measurements:

1. Measurement B-M1 – Thermal, voltage, stability, and short circuit assessments.
2. Measurement B-M2 – Extreme contingency assessment.
3. Measurement B-M3 – Compatibility with the NYCA system restoration plan.
4. Measurement I-M4 – Compatibility with NYSRC Local Rules.
5. Measurement K-M3 – Extreme system conditions.

The NYCA transmission review and its accompanying assessments shall cover the 4-6 year planning horizon and shall be prepared annually. The B-M1, B-M2 and K-M3 assessments shall cover system performance results of simulation tests and shall include all supporting documentation specified in NPCC Document B-4, *Guidelines for NPCC Area Transmission Review*, which shall be supplemented to include additional documentation that may be requested by the NYSRC.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall annually prepare an assessment of the NYCA in accordance with Measurement K-M2a, which demonstrates that the performance of the NYCA system is in compliance with Reliability Rules B-R1, B-R2, B-R3, B-R4, and B-R7 as required by Measurements B-M1 and B-M2. The format of the report shall be consistent with NPCC Guideline B-4 requirements.
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## Compliance Templates NYSRC Reliability Rules

<input type="checkbox"/> Non-Compliance Level 1	<p>A NYCA Transmission Review was submitted, but did not fully meet NPCC Document B-4 requirements.</p>
<input type="checkbox"/> Non-Compliance Level 2	<p>The NYCA Transmission Review that was submitted found that the NYCA planned transmission system was in non-compliance with NYSRC Reliability Rules B-R1. B-R2. B-R3, and/or B-R4 in one or more instances. The NYISO submitted an acceptable plan and schedule for addressing the instances of non-compliance.</p>
<input type="checkbox"/> Non-Compliance Level 3	<p>The NYCA Transmission Review that was submitted found that the NYCA planned transmission system was in non-compliance with NYSRC Reliability Rules B-R1. B-R2. B-R3, and/or B-R4 in one or more instances. However, either the NYISO failed to submit a plan and schedule for addressing the instances of non-compliance, or the plan that was submitted was found to be unacceptable..</p>
<input type="checkbox"/> Non-Compliance Level 4	<p>A NYCA transmission review was not submitted.</p>

# Compliance Templates NYSRC Reliability Rules

## RELIABILITY ASSESSMENT

**K-M2.b**

### Reliability Rule Reference

<b>K-R2 Reliability Assessments</b>
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### Measurement

<b>K-M2.b</b>	The NYISO shall conduct, and provide to the NYSRC, the following reliability assessment:
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A NYCA resource adequacy assessment for the next summer period and two years beyond, for demonstrating next capability period compliance with the NYSRC installed reserve margin requirement and NYISO locational installed capacity requirements, and prospective future compliance. The assessment shall include statewide and New York City and Long Island resource adequacy.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall annually submit a NYCA resource adequacy assessment report to the NYSRC in accordance with Measurement K-M2.b. During a year when the NYISO is required by NPCC to submit a New York Area Resource Adequacy Study, submission of that report to the NYSRC for compliance review will meet this requirement.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	A NYCA resource adequacy assessment was submitted to the NYSRC, but the report was deficient in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	A NYCA resource adequacy assessment was not submitted to the NYSRC.

# Compliance Templates NYSRC Reliability Rules

## RELIABILITY ASSESSMENT

**K-M2.c**

### Reliability Rule Reference

<b>K-R2 Reliability Assessments</b>
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### Measurement

<b>K-M2.c</b>	The NYISO shall conduct, and provide to the NYSRC, the following reliability assessment:
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Interregional reliability assessments for ensuring that the NYCA inter-control area and internal transmission system is developed on a coordinated basis. Reports on these assessments shall be provided as requested by the NYSRC.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall provide to the NYSRC interregional assessments in accordance with Measurement K-M2.c. As requested by the NYSRC, these reports shall either be NPCC interregional assessments having NYISO participation, studies sponsored by the NYISO, or special studies prepared by the NYISO as required by the NYSRC.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Requested interregional reliability assessments were provided, but were incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	Requested interregional reliability assessments were not provided.

# Compliance Templates NYSRC Reliability Rules

## RELIABILITY ASSESSMENT

**K-M2.d**

### Reliability Rule Reference

<b>K-R2 Reliability Assessments</b>
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### Measurement

<b>K-M2.d</b>	The NYISO shall conduct, and provide to the NYSRC, the following reliability assessment:
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Monthly operating reports covering occurrences of major emergency and alert states, a summary of the NERC/NPCC Control Performance, a list of NPCC Reportable Events, and other indices identified by the NYSRC for monitoring the security of the system.

### Responsibilities

Reporting Frequency: Monthly Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall provide monthly operating reports in accordance with Measurement K-M2.d, including the requirements of Measurements D-M1, D-M3, E-M2, E-M5 and F-M5.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The NYISO provided a monthly operating report, but the report was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	The NYISO provided a monthly operating report, but a review of the report indicated that the NYCA system was not operated in accordance with Reliability Rules.
<input type="checkbox"/> Non-Compliance Level 4	A monthly operating report was not provided.

# Compliance Templates NYSRC Reliability Rules

## RELIABILITY ASSESSMENT

**K-M2.e**

### Reliability Rule Reference

<b>K-R2 Reliability Assessments</b>
-------------------------------------

### Measurement

<b>K-M2.e</b>	The NYISO shall conduct, and provide to the NYSRC, the following reliability assessment:
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Special reliability assessments that may be requested by the NYSRC.

### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	From time to time the NYISO will be requested to conduct special reliability assessments in accordance with Measurement K-M2.e. The scope and schedule of such assessments will be jointly developed by the NYISO and NYSRC.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	The reliability assessment was provided, but was incomplete in one or more areas.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The reliability assessment was not provided.

# Compliance Templates NYSRC Reliability Rules

## RELIABILITY ASSESSMENT

**K-M2.f**

### Reliability Rule Reference

<b>K-R2 Reliability Assessments</b>
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### Measurement

<b>K-M2.f</b>	The NYISO shall conduct, and provide to the NYSRC, the following reliability assessment:
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Copies of additional system reliability assessments requested by NPCC, but not covered above.

### Responsibilities

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

### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall furnish the NYSRC a copy of reliability assessments, in accordance with Measurement K-M2.f.
<input type="checkbox"/> Non-Compliance Level 1	Not applicable.
<input type="checkbox"/> Non-Compliance Level 2	Not applicable.
<input type="checkbox"/> Non-Compliance Level 3	Not applicable.
<input type="checkbox"/> Non-Compliance Level 4	The NYISO did not provide the NYSRC with a copy of the requested reliability assessment.

# Compliance Templates NYSRC Reliability Rules

## Extreme System Conditions Assessment

**K-M3**

### Reliability Rule Reference

<b>K-R3 Extreme System Conditions Assessment</b>
--

### Measurement

<b>K-M3</b>	The NYISO shall incorporate special simulation testing to assess the impact of Extreme System Conditions on the NYS Bulk Power System, and where appropriate, develop plans to mitigate the consequences that are indicated by these assessments. These tests shall show the impacts on steady state and dynamic performance of extreme condition events “a” and “b” specified in Reliability Rule K-R3. The scope of these studies shall meet NPCC guidelines for transmission and resource adequacy assessments. The NYISO shall report the results of these assessments, including evaluations of mitigation measures for any cases that conclude serious consequences, as part of NYCA transmission and resource adequacy assessments required by Measurement K-M2.
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### Responsibilities

Reporting Frequency: On Request Reporting Responsibility: NYISO Compliance Monitoring Responsibility: NYSRC RCMS Oversight Review Responsibility: N/A
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### Levels of Compliance

<input type="checkbox"/> Full (100%) Compliance	The NYISO shall assess the impact of Extreme System Conditions and develop plans to mitigate the consequences of such impacts, in accordance with Measurement K-M3. The results of these assessments shall be included in NYISO reports covering annual NYCA transmission and resource adequacy assessments, required by Measurement K-M2.
<input type="checkbox"/> Non-Compliance Level 1	An Extreme System Condition assessment and mitigation plans for all specified events were included in the NYCA transmission or resource adequacy assessment report, but was incomplete in meeting NYSRC requirements or NPCC transmission or resource adequacy guidelines.
<input type="checkbox"/> Non-Compliance Level 2	An Extreme System Condition assessment was submitted for all specified events, but mitigation plans were not included or were found unacceptable.
<input type="checkbox"/> Non-Compliance Level 3	An Extreme System Condition assessment was submitted, but did not include evaluations and mitigation plans for all specified events.
<input type="checkbox"/> Non-Compliance Level 4	An Extreme System Condition assessment was not submitted.

## Compliance Templates NYSRC Reliability Rules

### III. VERSION HISTORY

#### COMPLIANCE TEMPLATE MANUAL

Version	Date	Changes
1	7/1/02	Initial version (includes RR Manual Versions 1-4 changes)
2	11/12/02	New Compliance Template for new Measurement J-M2 (PRR #53); New Compliance Template for new Measurement B-M4 (PRR #54); Table of Contents; New Section: Compliance Templates Version History
3	3/14/03	Revised Compliance Template for Measurement B-M1 (PRR #29); Revised Compliance Template for Measurement C-M1 (PRR #50); New Compliance Templates for Measurements C-M9&10 (PRR #58)
4	5/9/03	Revised Compliance Template for Measurement H-M2 and new Compliance Template for Measurement H-M3 (PRR #55)
5	10/7/03	New Compliance Templates for Measurement E-M6 & E-M7 (PRR #57); New Compliance Template for Measurement C-M11 (PRR #63); Revised Compliance Template for Measurement E-M2 and New Compliance Template for Measurement F-M5 (PRR #64)
6	1/9/04	Revised Compliance Template for Measurement G-M1 (PRR #66)
7	12/17/04	Revised Compliance Template for Measurement J-M2 and New Compliance Template for J-M3 (PRR #67)
8	5/2/05	New Compliance Template for Measurement F-M6 (PRR #77)
9	8/12/05	New Compliance Templates for Measurement K-M3 (PRR #72) and Measurements C-M12 & C-M13 (PRR #69)
10	10/14/05	Revised Compliance Templates for Measurements C-M1, C-M2, and C-M3 (PRR #73); Revised Compliance Template for Measurement F-M2 and Removal of Compliance Template for K-M2e (PRR #78)
11	12/9/05	Revised Compliance Templates for Measurements C-M9 and C-M11 (PRR #74)
12	3/10/06	Revised Compliance Templates for Measurements G-M1, G-M2, G-M3, and G-M4 (PRR #76); New Compliance Template for Measurement E-M8 (PRR #79); Revised Compliance Template for Measurement C-M5 (PRR #80); Revised Compliance Template for Measurement E-M7 (PRR #81); Revised Compliance Template for Measurement F-M4 (PRR #82); Revised Compliance Template for Measurements I-M5 and I-M6 (PRR #83)
13	4/13/07	Revised Compliance Template for Measurement B-M1 (PRR #86); Revised Compliance Template for Measurement B-M3 (PRR #90); Revised Manual Introduction



**Compliance Templates  
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14	7/13/07	Revised Compliance Templates for Measurements I-M2, I-M4 and I-M6 (PRR #88); Revised Compliance Template for Measurement G-M1 (PRR #92)
15	12/14/07	Revised Compliance Template for Measurement D-M1 (PRR #93); New Compliance Template for Measurement E-M9 (PRR #94)
16	05/09/08	Revised Compliance Template for Measurement G-M2 and G-M4 (PRR #95)
17	1/9/09	Revised Compliance Templates for Measurements C-M1, C-M2 and C-M3 (PRR #96); Revised Compliance Template for Measurement K-M2a (PRR #98)
18	8/14/09	Revised Compliance Templates for Measurements G-M1 through G-M3 (PRR #99).
19	10/9/09	Revised Compliance Templates for Measurements C-M4 through C-M6 (PRR 101).