

2010 NYSRC RELIABILITY COMPLIANCE PROGRAM

MEAS./ COMP. TEMP.	RELATED RULE	MEASUREMENT DESCRIPTION	COMPLIANCE DOC. REQUIRED 1	DUE NYSRC	DATE RECV'D	DATE OF RCMS REVIEW	COMP. LEVEL 2
Resource Adequacy							
A-M2	A-R2,3	Establishing LSE ICAP & LCR requirements	A	3/3/10	3/10/10	3/10/10 ⁴ 4/8/10	FC
A-M3	A-R2,3	Certifying LSE ICAP obligations are met*	B	11/4/10			
Transmission Capability – Planning							
B-M1	B-R1, B-R2, B-R3, and B-R7	Thermal, voltage, stability, and fault duty assessments for the planned NYCA system	C	3/3/10	2/22/10	3/25/10 ⁵	FC
B-M2	B-R4	Extreme contingency assessment for the planned NYCA system	D	3/3/10	2/22/10	3/25/10 ⁵	FC
B-M3	B-R5	Demonstration that system is planned considering ease of restoration	E	3/3/10	2/22/10	3/25/10 ⁵	FC
B-M4	B-R6	List of NYS Bulk Power System Facilities	F	9/30/10			
Resource, System & Demand Data Requirements							
C-M1	C-R1	Procedures for resource verification capacity testing requirements	G	3/3/10	2/22/10	3/10/10	FC
C-M2	C-R1	Reporting resource DMNC test results to the NYISO*	H	3/3/10	2/22/10	3/10/10	FC
C-M3	C-R1	Reporting generator reactive power capacity test results to the NYISO*	I	3/3/10	2/22/10	3/10/10	FC
C-M4	C-R2	Procedures for reporting & reviewing generating unit availability data	J	6/3/10	6/3/10	6/10/10 ⁶	
C-M5	C-R2	Reporting generating unit outage data to the NYISO*	K	9/2/10			
C-M6	C-R2	Report depicting generating unit outage statistics	L	7/1/10			
C-M11	C-R4	Reporting of load flow, short-circuit and stability data to the NYISO*	M	11/24/10			

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C-M12	C-R5	Procedures for disturbance recording device installation and reporting of data	N	9/30/10			
C-M13	C-R5	Certification that disturbance recording devices have been installed and data reported as required*	O	9/30/10			
Operating Reserves							
D-M2	D-R1, R2, R3, R4	Procedures that ensure adequacy of operating reserves	P	8/5/10			
Transmission Capability – Operating							
E-M1	E-R1, R2, R3	Procedures that ensure appropriate actions when transmission limits are violated	Q	4/1/10	3/24/10	4/8/10	FC
E-M3	E-R5	Procedures to ensure transmission outages are coordinated	R	4/1/10	3/24/10	4/8/10	FC
E-M4	E-R6, R7	Procedures for operating during severe weather conditions	S	4/1/10	3/24/10	4/8/10	FC
E-M6	E-R8	Pre-seasonal fault duty assessments	T	[A] 6/3/10 [B] 9/30/10	[A] 6/3/10	[A] 6/10/10	[A] FC
E-M7	E-R8	MP evaluation of NYISO fault duty assessments*	U	9/30/10			
E-M9	E-R10	Reliability Rules exception review	V	9/2/10			
Operation During Major Emergencies							
F-M3	F-R8	Procedures for ensuring that sufficient load shedding capability exists	W	7/1/10			
F-M4	F-R8	TO load shedding capability*	X	7/1/10			
F-M6	F-R5	Voltage reduction testing	Y	7/1/10			
System Restoration							
G-M1	G-R1	NYISO procedures for maintaining a NYCA System Restoration Plan	Z	11/4/10			
G-M2	G-R1	Transmission Owner Restoration Plan requirements*	AA	11/4/10			
G-M3	G-R1	Blackstart Provider requirements*	BB	11/4/10			

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G-M4	G-R2	System restoration training requirements	CC	11/4/10			
System Protection							
H-M1	H-R1	Documentation and data for meeting BPS system protection requirements	DD	6/3/10	6/3/10	6/10/10	FC
H-M2	H-R2	Documentation and data for meeting procedures required by H-M3	EE	6/3/10	6/3/10	6/10/10	FC
H-M3	H-R2	Procedure for monitoring compliance with maintenance requirements for BPS system protection	FF	6/3/10	6/3/10	6/10/10	FC
Local Reliability Rules							
I-M4	I-R1 to I-R5	Consideration of local rules in transmission planning and determination of operating limits	GG	3/3/10	2/22/10	3/25/10 5	FC
I-M5	I-R1, I-R3, I-R4	Con Ed Local Rule I-R1, R2 and R4 Procedures*	HH	11/24/10			
I-M6	I-R5	LIPA Local Rule I-R5 Procedures*	II	11/24/10			
NYISO Control Center Communications							
J-M1	J-R1, R2	Procedures for supporting NYISO/MP communications	JJ	8/5/10			
J-M2	J-R2	Report providing performance data of control center communications interfaces	KK	8/5/10			
Reliability Assessment							
K-M2a	K-R2	NYCA 2009 transmission review	LL	3/3/10	2/22/10	3/25/10 5	FC
K-M2b	K-R2	NYCA 2010 resource adequacy assessment	MM	6/3/10	6/3/10	6/10/10	FC
K-M2d	K-R2	Monthly operations reports		5/13/10 3	5/13/10 3	5/13/10 3	FC 3
K-M3	K-R3	Extreme system condition assessment	NN	3/3/10	2/22/10	3/25/10 5	FC

* Applicable to Market Participants.

Footnotes1. NYISO Compliance Documentation Requirements:

- A. **A-M2.** The NYISO Locational Capacity Requirement (LCR) Report for the 2010-11 capability period. In addition, provide either in the LCR Report or in a separate report, required 2010 LSE capacity and IRM requirements for meeting the NYCA 2010 IRM requirement of 18.0% and locational requirements; and whether any intra-zonal transmission constraints caused by deliverability issues or “bottled” generation have been considered by the NYISO.
- B. **A-M3.** Certification that each LSE has demonstrated that it has procured sufficient capacity for the November 2009 to October 2010 period to meet its ICAP requirement in accordance with NYISO procedures and A-M3.
- C. **B-M1.** Evaluations of the thermal, voltage, short-circuit, and stability performance of the NYS BPS that shows that the system, as planned, is in conformance with the criteria described in NYSRC Rules B-R1 to B-R3, and B-R7. These evaluations shall be included in the 2009 Transmission Assessment required by K-M2a (see Note LL).
- D. **B-M2.** An evaluation of performance of the NYS BPS for extreme contingencies as defined in NYSRC Rule B-R4 and B-M2. This evaluation shall be included in the 2009 Transmission Assessment required by K-M2a (see Note LL).
- E. **B-M3.** As required by B-M3, provide either required procedures, or reference to the required procedures, for assessing the impact of the system expansion plan on the NYCA Restoration Plan. This assessment shall be included in the 2009 Transmission Assessment required by K-M2a (see Note LL).
- F. **B-M4.** Compliance documentation shall include: (1) NYISO procedure for developing the list of NYS Bulk Power System facilities, (2) a BPS Facilities List, and (3) Location of where the BPS Facilities List is published. These documentation requirements shall be defined by existing B-M4 or a modification of B-M4.
- G. **C-M1.** Self-Certification, listing references to required NYISO resource testing procedures that comply with C-M1.
- H. **C-M2.** Certification that, during the Winter 2008 and Summer 2009 capability periods, applicable generation owners responsible for providing ICAP were in compliance or non-compliance with C-M2.
- I. **C-M3.** Certification that, during the Summer 2009 capability period, applicable generation owners were in compliance or non-compliance with C-M3.
- J. **C-M4.** Self-Certification, listing references to required NYISO outage data reporting and review procedures that comply with Requirements 1-5 of C-M4. In addition, related to C-M4.5, the NYISO shall provide a report describing its new generating unit outage data screening model, results of the initial application of its new outage data screening process, any planned outage data screening model improvements, and the schedule for a planned NYISO staff meeting that will identify suspect and erroneous outage data; and will recommend proxy data to be submitted to ICS for use in the 2011 IRM Study.
- K. **C-M5.** Certification that ICAP providers submitted outage data to the NYISO as required by NYISO procedures and C-M4. This submission shall include references to any non-compliance notifications to the NYSRC during the Jan. 2009 to May 2010 period.
- L. **C-M6.** A document depicting generating unit outage data statistics as specified by the ICS, in accordance with C-M6 requirements.
- M. **C-M11.** Certification that market participants have provided load flow, short-circuit, and stability data bases to the NYISO in accordance with C-M11.

- N. **C-M12.** Self-Certification, listing references to required NYISO disturbance monitoring procedures and actions that comply with C-M12.
- O. **C-M13.** Certification that market participants have installed disturbance recording devices and reported data in accordance with NYISO procedures as required by C-M13.
- P. **D-M2.** Self-Certification, listing references to required NYISO operating reserve procedures that comply with D-M2.
- Q. **E-M1.** Self-Certification, listing references to required NYISO transmission limit violation procedures that comply with E-M1.
- R. **E-M3.** Self-Certification, listing references to required NYISO transmission outage coordination procedures that comply with E-M3.
- S. **E-M4.** Self-Certification, listing references to required NYISO severe weather operating procedures that comply with E-M4.
- T. **E-M6.** [A] A NYISO report covering a 2010 pre-seasonal assessment evaluating fault duty at each BPS station. [B] If the above report shows fault duty levels exceed equipment ratings, provide mitigation plans jointly approved by the NYISO and equipment owners.
- U. **E-M7.** Certification that applicable equipment owners have evaluated NYISO fault duty assessments in accordance with E-M7.
- V. **E-M9.** Self-Certification, including a summary of the 2010 NYISO exception review in accordance with revised NYSRC Policy 1 and E-M9 requirements (PRR 105). Summarize any approved exception additions, removals, or revisions since January 2010.
- W. **F-M3.** Self-Certification, listing references to required NYISO load shedding procedures that comply with F-M3.
- X. **F-M4.** Certification that transmission owners have reported to the NYISO load shedding documentation in accordance with NYISO procedures and F-M4.
- Y. **F-M6.** A report of the results of statewide voltage reduction tests for the 2010 summer period in accordance with F-M6. The results of these tests shall be available in time for use in the NYSRC 2011 IRM Study. In the event system conditions delay voltage tests, test results may be submitted as late as July 30, 2010.
- Z. **G-M1.** Self-Certification, listing references to required NYISO restoration procedures and actions in compliance with G-M1 requirements. These procedures shall include new or revised procedures that were identified by RCMS in November 2009, required for fully complying with G-M1 requirements. This documentation shall include an updated matrix showing G-M1 requirements and related restoration procedure references.
- AA. **G-M2.** Certification that all TOs have established restoration plans and procedures, and completed actions in compliance with NYISO procedures and G-M2.
- BB. **G-M3.** Certification that blackstart providers have established procedures and completed actions in compliance with NYISO procedures and G-M3 requirements, including annually providing a letter to the NYISO confirming that they have identified and maintained a list of critical components of its facilities.
- CC. **G-M4.** Self-Certification listing references to required restoration training program procedures and completed actions in compliance with G-M4 requirements. These procedures shall include new or revised training procedures that were identified by RCMS in November 2009, required for fully complying with C-M4 requirements. This documentation shall include an updated matrix showing G-M4 requirements and related training procedure references.
- DD. **H-M1.** Submit compliance documentation and data in compliance with H-M1 system protection requirements. Coordinate compliance submission with 2010 NPCC/NERC requirements.
- EE. **H-M2.** Submit compliance documentation and data in compliance with H-M2 requirements. Coordinate compliance submission with 2010 NPCC/NERC requirements.

- FF. **H-M3.** Self-Certification listing references to required system protection maintenance procedures that comply with H-M1.
- GG. **I-M4.**[A] An assessment showing that I-M4 requirements have been met for transmission planning, including application examples. [B] An assessment showing that I-M4 requirements have been met for developing operating limits, including examples. These assessments shall be included in the 2009 NYCA Transmission Assessment required by K-M2a. (see Note LL)
- HH. **I-M5.** Certification that Con Edison maintains required procedures and has properly notified the NYISO when actions have been taken in accordance with I-R1, I-R3, and I-R4 requirements. The NYISO shall also provide illustrations of the types of Con Edison actions taken that were reported in these notifications.
- II. **I-M6.** Certification that LIPA maintains required procedures and has properly notified the NYISO when actions have been taken in accordance with I-R5 requirements. The NYISO shall also provide illustrations of the types of LIPA actions taken that were reported in these notifications.
- JJ. **J-M1.** Self-Certification listing references to required communications procedures and documentation for complying with Rules J-R1 & J-R2 requirements.
- KK. **J-M2.** A presentation describing the NYISO communications process; and report required by J-M2, which summarizes the performance data of control center communications interfaces, shall be provided to RCMS.
- LL. **K-M2a.** NYCA 2009 Transmission Assessment Report, including (1) (N-1) -1 assessments; (2) identification of the impacts of the planned transmission system on the NYCA System Restoration Plan (B-M3); (3) an assessment showing that local rules have been considered (I-M4); (4) an extreme contingency assessment for the loss of gas delivery system (K-M3); and (5) an extreme contingency condition assessment assuming generating unit loss of gas supply (K-M3). Submission of the assessment report to the NYSRC should be coordinated with its submission to NPCC. (An RCMS action item will be added that will request NYISO staff to periodically provide status reports on its preparation of the 2010 Transmission Assessment, which is tentatively scheduled to be submitted to RCMS in early 2011.)
- MM. **K-M2b.** NYCA Resource Adequacy Report for the 2010-2012 period.
- NN. **K-M3.** A report on simulation testing to assess the impact of Extreme System Contingency Conditions on the NYS BPS in accordance with K-M3. The report shall cover studies of those Extreme Contingency Events required by NPCC, including an event resulting the loss of gas supply to multiple NYCA generating units. The latter study shall recognize current environmental initiatives. This assessment shall be included in the 2009 NYCA Transmission Assessment required by K-M2a. (see Note LL.)
2. Levels of Non-Compliance
 L1 – Non-Compliance Level 1
 L2 – Non-Compliance Level 2
 L3 – Non-Compliance Level 3
 L4 – Non-Compliance Level 4
3. Applies to the April 2010 Operations Report. All previous monthly reports were in Full Compliance.
4. The final NYISO 2010 LCR report was provided at the RCMS122 meeting. This submission to RCMS was delayed due to the need for the NYISO to revise the LCR study. Compliance action was postponed to RCMS123 to allow RCMS adequate time to review the report.
5. Compliance review of the 2009 Transmission Assessment and related measurements was completed at a conference call with NYISO staff on 3/25/10 following the 3/8/10 meeting.

6. C-M4 compliance documentation submitted on 6/3/10 did not include a required report describing the status of the initial application of the NYISO GADS data screening model (see NYISO Compliance Documentation Requirements for C-M4 described on page 4). On 6/15/10, a RCMS conference call was held to further discuss this requirement. During the conference call Mr. Kiernan agreed to send the required screening model report to RCMS by 6/18/10.