

## 2007 NYSRC RELIABILITY COMPLIANCE PROGRAM

MEAS./ COMP. TEMP.	RELATED RULE	MEASUREMENT DESCRIPTION	COMPLIANCE DOC. REQUIRED <sup>1</sup>	DUE NYSRC	DATE RECV'D.	DATE OF RCMS REVIEW	COMP. LEVEL <sup>2</sup>
<b>Resource Adequacy</b>							
A-M2	A-R2,3	Establishing LSE ICAP requirements	A	4/1/07	3/8/07	3/8/07	FC
A-M3	A-R2,3	Certifying LSE ICAP obligations are met*	B	11/1/07			
<b>Transmission Capability – Planning</b>							
B-M3	B-R5	Demonstration that system is planned considering ease of restoration	C	11/1/07			
B-M4	B-R6	List of NYS Bulk Power System Facilities	D	11/1/07			
<b>Resource, System &amp; Demand Data Requirements</b>							
C-M5	C-R2	Reporting of resource outage data to the NYISO*	E	9/1/07			
C-M7	C-R3	Documentation identifying scope and details of actual and forecast load data requirements	F	4/1/07	4/1/07	4/12/07	FC
C-M8	C-R3	Reporting of required actual & forecast data	G	4/1/07	4/1/07	4/12/07	FC
C-M9	C-R4	Procedure for maintenance of load flow, short-circuit and stability data	H	6/1/07 <sup>5</sup>	6/6/07	6/6/07 <sup>7</sup>	FC <sup>7</sup>
C-M11	C-R4	Reporting of load flow, short-circuit and stability data to the NYISO*	I	12/1/07			
C-M12	C-R5	Procedures for disturbance recording device installation and reporting of data	J	8/1/07 <sup>8</sup>			

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C-M13	C-R5	Certification that disturbance recording devices have been installed and data reported as required*	K	12/1/07			
<b>Operating Reserves</b>							
D-M1	D-R1 to D-R3	Reporting statistics on forecasted and actual reserves	L	8/1/07			
D-M2	D-R1 to D-R4	Procedures that ensure adequacy of operating reserves	M	8/1/07			
<b>Transmission Capability – Operating</b>							
E-M1	E-R1 to E-R3	Procedures that ensure appropriate actions when transmission limits are violated	N	9/1/07			
E-M3	E-R5	Procedures to ensure transmission outages are coordinated	O	9/1/07			
E-M4	E-R6, E-R7	Procedures for operating during severe weather conditions, including solar magnetic disturbances	P	9/1/07			
E-M6	E-R8	Pre-seasonal fault duty assessments	Q	6/1/07, 7/1/07 8	6/6/07	6/6/07 8	8
E-M7	E-R8	MP evaluation of NYISO fault duty assessments*	R	12/1/07			
<b>Operation During Major Emergencies</b>							
F-M3	F-R8	Procedures for ensuring that sufficient load shedding capability exists	S	9/1/07			
F-M4	F-R8	TO load shedding capability*	T	12/1/07			
F-M6	F-R5	Voltage reduction testing	U	10/1/07			
<b>System Restoration</b>							
G-M1	G-R1,2	Procedure for maintaining a NYCA System Restoration Plan	V	7/1/07	7/3/07	7/12/07	FC
G-M2	G-R1,2	Transmission Owner Restoration Plan requirements*	W	12/1/07			

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G-M3	G-R2	Blackstart Provider requirements*	X	12/1/07			
G-M4	G-R3	System restoration training requirements	Y	7/1/07	7/3/07	7/12/07 9	9
<b>System Protection</b>							
H-M1	H-R1	Documentation for meeting NPCC A-5	Z	10/1/07			
H-M2	H-R2	Documentation for meeting procedures required by H-M3	AA	10/1/07			
H-M3	H-R2	Procedure for monitoring compliance with NPCC A-4	BB	10/1/07			
<b>NYISO Control Center Communications</b>							
J-M1	J-R1, R2	Procedures for supporting NYISO/MP communications	CC	5/1/07	5/10/07	5/10/07	FC
J-M2	J-R2	Report providing performance data of control center communications interfaces	DD	5/1/07	5/10/07	5/10/07	FC
<b>Reliability Assessment</b>							
K-M2a, K-M3	K-R2	Annual transmission assessment & Extreme system condition assessment	EE	4/1/07	4/1/07	4/12/07 <sup>4</sup>	FC
K-M2b	K-R2	Annual resource adequacy assessment	FF	6/1/07	6/6/07	6/6/07, 7/12/07	FC
K-M2d	K-R2	Monthly operating report		7/12/07	7/12/07 <sup>3</sup>	7/12/07 <sup>3</sup>	FC <sup>3</sup>

\* Market Participant requirements.

### Footnotes

#### 1. NYISO Compliance Documentation Requirements:

- A. The NYISO Locational Capacity Requirement (LCR) Report for the 2007-08 capability period. LCRs should be determined using the “Unified Methodology”. In addition, provide either in the LCR report, or in a separate report, the required 2007 LSE capacity and IRM requirements for meeting the 2007 NYCA IRM requirement of 16.5%; and whether any intra-zonal transmission constraints indicating “bottled” generation have been identified by the NYISO. (A-M2)

- B. Certification that each LSE has demonstrated that it has procured sufficient capacity for the November 2006 to October 2007 period to meet its ICAP requirement in accordance with NYISO procedures and A-M3.
- C. Provide either the required procedures, or reference to the required procedures, for assessing the impact of the system expansion plan on the NYCA Restoration Plan. (B-M3)
- D. NYISO procedure for developing a list of NYS Bulk Power System facilities, in addition to the facilities list itself. (B-M4)
- E. Certification that ICAP providers submitted outage data to the NYISO during the May 2006 to April 2007 period as required by NYISO procedures. (C-M5)
- F. Documentation that identifies the actual & forecast demand and energy data that must be reported to the NYISO. (C-M7)
- G. Reported actual & forecast demand and energy data, in accordance with C-M8 requirements.
- H. Self-Certification that there is a procedure in place for the development of load flow, short-circuit, and stability data bases in accordance with C-M9. Either a final technical bulletin or reference to the appropriate NYISO procedure related to reporting data base changes, should be also provided.
- I. Certification that market participants have provided load flow, short-circuit, and stability data bases to the NYISO in accordance with C-M11.
- J. Self-Certification that the NYISO has in place procedures for the installation of disturbance recording devices and market participant reporting of data, or is in compliance with NPCC A-15 requirements if the NPCC requirements are consistent with C-M12 requirements. (C-M12)
- K. Certification that Market Participants have installed disturbance recording devices and reported data in accordance with NYISO procedures and C-M13.
- L. Daily forecast and actual operating reserves in accordance with D-M1 requirements.
- M. Self-Certification that the required NYISO procedures are in place for ensuring adequacy of operating reserves. (D-M2)
- N. Self-Certification that the required NYISO procedures are in place for ensuring that appropriate actions are taken when transmission limits are violated. (E-M1)
- O. Self-Certification that the required NYISO procedures are in place for ensuring that transmission outages are coordinated for maintaining reliability. (E-M3)
- P. Self-Certification that the required procedures are in place for operating during severe weather conditions and solar magnetic disturbances. (E-M4)
- Q. A report covering an annual pre-seasonal 2007 assessment evaluating fault duty at each BPS station. If the report shows fault duty levels exceed equipment ratings, mitigation plans jointly approved by the NYISO and equipment owners should be reported to the NYSRC. (E-M6)
- R. Certification that applicable equipment owners have evaluated NYISO fault duty assessments in accordance with E-M7.
- S. Self-Certification that the required NYISO procedures are in place for ensuring sufficient load shedding capability exists. (F-M3)
- T. Certification that TOs have reported to the NYISO load shedding documentation in accordance with NYISO procedures and F-M4.
- U. A report of the results of statewide voltage reduction tests for the 2007 summer period, in accordance with F-M6.
- V. Applicable documentation and references showing that the NYISO has developed system restoration procedures addressing all of the requirements specified in G-M1.

- W. Certification that all TOs have established restoration plans and if required, blackstart capability plans, in accordance with NYISO procedures and G-M2 requirements.
- X. Certification that blackstart providers are in compliance with NYISO procedures and G-M3 requirements.
- Y. Self-Certification that the NYISO maintains restoration training programs in accordance with G-M4 requirements.
- Z. Self-Certification that the NYISO is in compliance with NPCC A-5 requirements. (H-M1)
- AA. Documentation showing compliance with NYISO system protection maintenance procedures. (H-M2)
- BB. Self-Certification that the required NYISO procedures are in place for monitoring compliance with NPCC A-4. (H-M3)
- CC. Self-Certification that the required NYISO procedures are in place for complying with Rules J-R1 & J-R2. (J-M1)
- DD. A report summarizing the performance data of control center communications interfaces. (J-M2)
- EE. Annual NYCA Transmission Assessment Report, including an assessment of the impact of Extreme System Conditions in accordance with K-M3 requirements. (K-M2a, K-M3)
- FF. NYCA Resource Adequacy Report for the 2007-2010 period. (K-M2b)

**Note:** All the above self-certification statements must include references to where required procedures or other required documentation can be found.

## 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. This information is for the June & July 2007 operating reports. All previous 2007 monthly reports were in Full Compliance.
- 4. The NYISO will provide the additional assessments specified in the April 12, 2007 minutes in the next Transmission Review, and coordinate RCMS review of the report with the TFSS review.
- 5. RCMS granted a one month delay from the original 5/1/07 due date due to a delay in the issuance of the draft technical bulletin, *MP Notification of ISO Network Power System Model Updates*, which is a compliance requirement.
- 6. RCMS granted a one month delay to 7/1/07 for submitting mitigation plans for meeting E-M6 requirements. However, these mitigations plans were not available on the 7/1/07 due date.
- 7. Draft Tech Bulletin 160 satisfies the requirements of C-M9. RCMS found C-M9 in full compliance pending final NYISO approval of the Tech Bulletin.
- 8. RCMS granted a 2-month delay from an original 6/1/07 due date for C-M12 compliance documentation.
- 9. To fully meet G-M4 requirements, RCMS requested the NYISO to provide by 8/1/07, the results of local blackstart simulation testing.