

Request to Develop or Modify Reliability Rules (NYSRC Policy No. 1-4)

Submit request to raymond40@aol.com via the NYSRC site www.nysrc.org

Item	Response
1. Respondent	
Name	Kathy Whitaker
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Address	
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2. Title of proposed rule change & PRR No.	PRR #96 Verification Testing of Resource Capacity
3. New rule or modification of NYSRC RR?	
If a new rule is proposed, provide any relevant citation to existing standards	
If a modification to an existing rule is proposed, provide NYSRC RR reference	Revision to Measurements C-M1 and C-M2.
4. Wording of proposed rule change	Not Applicable
5. Rationale for proposed rule change	
Identify advantages	These proposed revisions reflect data collection for providing more accurate modeling of reactive power capabilities. The proposed modifications of C-M1 and C-M2 are consistent with NERC Standards MOD-024-1 and MOD-025-1 and NPCC Directories 9 and 10. These modifications also reflect exceptions allowed by provisions of MOD-024-1 and MOD-025-1, and implemented by NPCC criteria, related to real and reactive power data collection criteria requirements.
Identify disadvantages	
6. Measurement(s)	<p><u>C-M1</u></p> <p>The <i>NYISO</i> shall establish and maintain procedures for <i>resource capacity</i> data verification testing or demonstration for all equipment utilized for providing <i>installed capacity</i> and reactive power capacity to the <i>NYCA</i>.</p> <p>The data to be provided to the <i>NYISO</i> shall include <i>resource net dependable capacity</i> for all resources that are participating in the <i>NYISO</i> installed capacity market, and reactive power capacity for all resources that are voltage support ancillary service providers. The procedures shall include requirements for <i>resource</i> providers to provide to the <i>NYISO</i> the net MW at the time of the DMNC test, and the net MW and gross MVA_r 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 <i>resource capacity</i> data shall include the actual test date(s) for each generator.</p> <p>The <i>NYISO</i> shall provide dependable net capacity and gross reactive power capacity data to the operating function of the <i>Transmission Owner</i> that the <i>resource</i> connects to, within 60 calendar days following the close of the seasonal capability period or annual test period, respectively. Documentation of the</p>

	<p><i>NYISO</i> procedures and verification results shall be provided to the <i>NYSRC</i> upon request.</p> <p><u>C-M2</u></p> <p>Owners of <i>resources</i> responsible for providing <i>ICAP</i> shall seasonally verify the <i>net dependable capacity</i> of their equipment and report these results to the <i>NYISO</i> in accordance with <i>NYISO</i> procedures and schedules as required in Measurement C-M1.</p> <p><u>C-M3</u></p> <p>No changes.</p>
7A. Full Compliance Statement for Measurement C-M1	The <i>NYISO</i> 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 <i>NYISO</i> shall be included in these <i>NYISO</i> 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.
8A. Levels of Non-Compliance	
Level 1	Not applicable.
Level 2	Documentation of <i>NYISO</i> procedures for resource capacity equipment testing did not meet Measurement C-M1 requirements in one or more areas.
Level 3	The <i>NYISO</i> did not provide capacity data to the Transmission Owners within the time requirements specified in Measurement C-M1.
Level 4	Documentation of <i>NYISO</i> procedures for resource capacity equipment testing in accordance with Measurement C-M1 requirements were not provided.
7B. Full Compliance Statement for Measurement C-M2	The <i>NYISO</i> certifies that all applicable generation owners responsible for providing <i>ICAP</i> verified the net dependable capacity of their equipment and reported these results to the <i>NYISO</i> as specified by <i>NYISO</i> procedures and schedules under Measurement C-M1, in accordance with Measurement C-M2.
8B. Levels of Non-Compliance	
Level 1	The <i>NYISO</i> certified that one generation owner did not submit complete verified dependable net capacity test results to the <i>NYISO</i> as required by <i>NYISO</i> procedures and Measurement C-M2.
Level 2	The <i>NYISO</i> certified that two generation owners did not submit complete verified dependable net capacity test results to the <i>NYISO</i> as required by <i>NYISO</i> procedures and Measurement C-M2.
Level 3	The <i>NYISO</i> certified that three generation owners did not submit complete verified dependable net test results to the <i>NYISO</i> as required by <i>NYISO</i> procedures and Measurement C-M2.
Level 4	The <i>NYISO</i> certified that four or more generation owners did not submit complete verified dependable net capacity test results to the <i>NYISO</i> as required by <i>NYISO</i> procedures and Measurement C-M2.
7C. Full Compliance Statement for	The <i>NYISO</i> certifies that all applicable generation owners

Measurement C-M3	performed tests to verify the gross 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.
8C. Levels of Non-Compliance	
Level 1	The NYISO certified that one generation owner did not submit complete verified gross reactive power capacity test results to the NYISO as required by NYISO procedures and Measurement C-3.
Level 2	The NYISO certified that two generation owners did not submit complete verified gross reactive capacity test results to the NYISO as required by NYISO procedures and Measurement C-M3.
Level 3	The NYISO certified that three generation owners did not submit complete verified gross reactive capacity test results to the NYISO as required by NYISO procedures and Measurement C-M3.
Level 4	The NYISO certified that four or more generation owners did not submit complete verified gross reactive capacity test results to the NYISO as required by NYISO procedures and Measurement C-M3.
9. Responsible Entity	NYISO
10. Compliance Monitoring Entity	RCMS
11. Implementation Plan	Ninety days following NYSRC adoption of Measurement C-M1 as modified by PRR 96, the NYISO shall demonstrate that its procedures are in full compliance with C-M1 as modified.
12. Comments	
13. Date Rule/Measurement Adopted	
14. PRR Revision Dates	9/5/08, 10/9/08, 10/17/08, 10/27/08