

Request to Develop or Modify Reliability Rules (NYSRC Policy No. 1-3)

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

Item	Response
1. Respondent	
Name	T. Pappas
Organization	NYSRC Reliability Rules Subcommittee
Address	
Phone & Fax numbers	
Email address	
2. Title of proposed rule change	
	Minimum Operating Reserve Requirement, D-R2 (PRR #85)
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 the NYSRC Reliability Rule D-R2 to be consistent with NPCC A-06 and NERC BAL-002-0.
4. Wording of proposed rule change	
	<p>D-R2: Minimum Operating Reserve Requirement</p> <p>[Proposed modifications shown in red-line.]</p> <p>The minimum <i>operating reserve</i> requirement of the <i>NYISO</i> shall be the sum of:</p> <p>a. Sufficient <i>ten (10) minute operating reserve</i> to replace the operating capacity loss caused by the most severe <i>contingency</i> observed under <i>normal transfer criteria</i> multiplied by the <i>Contingency Reserve Adjustment Factor</i>.</p> <p>b. Sufficient <i>thirty (30) minute operating reserve</i> equal to one-half of the <i>ten (10) minute operating reserve</i> necessary to replace the operating capacity loss caused by the most severe <i>contingency</i> observed under <i>normal transfer criteria</i>.</p> <p>At all times sufficient <i>ten (10) minute operating reserve</i> shall be maintained to cover the energy loss due to the most severe <i>normal transfer criteria contingency</i> within the <i>NYCA</i> or the energy loss caused by the cancellation of an interruptible energy purchase from another system, whichever is greater multiplied by the <i>Contingency Reserve Adjustment Factor</i>.</p>
5. Rationale for proposed rule change	
Identify advantages	NPCC A-06 requires ten minute reserve to be increased as the NERC Disturbance Control Standard (DCS) falls below 100%. The current wording of D-R2 does not account for a DCS of less than 100%, making the rule less stringent than A-06
Identify disadvantages	None
6. Measurement(s)	
	No changes in related Measurements D-M1 & D-M2.
7. Full Compliance Statement (Prepared by RCMS)	
	No change.

8. Levels of Non-Compliance (Prepared by RCMS)	No changes.
Level 1	
Level 2	
Level 3	
Level 4	
9. Responsible Entity	NYISO
10. Compliance Monitoring Entity	RCMS
11. Implementation Plan	<p>NYISO requirements for complying with Reliability Rule D-R2 as revised in PRR #85 shall require modification of NYISO operating reserve procedures related with Measurement D-M2. Modification of these procedures shall be required immediately following adoption of the Rule D-R2 revision by the Executive Committee. Compliance documentation must be provided to the NYSRC as requested by RCMS.</p>
12. Comments	<p>The glossary needs to be revised to add a definition of Contingency Reserve Adjustment.</p> <p>Contingency Reserve Adjustment Factor (CRA)-A factor used in determining the additional ten-minute reserve that the NYISO, not meeting the Disturbance Control Standard (DCS) for a given quarter must carry. It is calculated using the following formula:</p> $CRA_{quarter} = 2 - \{ \text{the average percentage DCS (expressed as a decimal) for the quarter of measurement} \}$ <p>DCS is discussed in detail in NERC Standard BAO-002-0 (Disturbance Control Performance). The arithmetic for calculating the DCS is shown in Section C of BAL-002-0.</p>
13. Date of Submission	3/29/06, 4/3/06, 5/5/06, 5/11/06, 6/1/06