

Request to Develop Reliability Rules for Implementation of Rules Enhancement Plan (REP)

Item	Response
1. Rules Enhancement Plan (REP) Description	On April 11, 2013, the NYSRC Executive Committee adopted a Rules Enhancement Plan (REP) which: (1) restructures the present NYSRC Reliability Rules and supporting elements, and (2) proposes new rules and revises others to ensure they are consistent with current and pending NERC and NPCC standards and criteria, while continuing to maintain NYSRC's more stringent and specific requirements. Proposed new and revised rules are highlighted below in red-line. The REP is described in the report, <i>Rules Enhancement Plan</i> , www.nysrc.org/ , which describes the restructured rule format (PRR Lines 3-7) and the tasks for implementing the REP.
2. Reliability Rule Requester	NYSRC Reliability Rules Subcommittee (RRS)
3. REP Proposed Reliability Rule (PRR) No.	REP-25
4. Title & No. of Proposed Reliability Rule	E-R8. Real-Time Operations of the NYS Bulk Power System
5. Section A – Reliability Rule Elements	
1. Reliability Rule	<u>Particular real-time operations data for the NYS Bulk Power System shall be reported to the NYSRC to demonstrate that the NYISO conforms to the NYSRC Reliability Rules.</u>
2. Associated NERC & NPCC Standards and Criteria	NERC: None; NPCC: None
3. Applicability	NYISO
6. Section B – Requirements	
Requirements	<p>R1. The NYISO shall provide a monthly operations report to the NYSRC that provides data on the performance of the NYCA for the previous month, covering the following requirements:</p> <p style="margin-left: 40px;">R1.1. Occurrences of major emergency and alert states.</p> <p style="margin-left: 40px;">R1.2. Summary of the NERC/NPCC Control Performance.</p> <p style="margin-left: 40px;">R1.3. A list of NPCC Reportable Events.</p> <p style="margin-left: 40px;">R1.4. Reserve requirements and actual reserves for the monthly peak load hour for all reserve categories (10 minute synchronized, 10 minute non-synchronized, and 30 minute operating reserves). The report shall distinguish between supply and demand side resources.</p> <p style="margin-left: 40px;">R1.5. The response of the system to activations of reserve, including: the number of occasions reserves were activated in the month, reasons for the reserve activations, number of occasions within the month in which the reserve activation did not result in an area control error (“ACE”) zero crossing, number of non-zero crossings associated with a unit loss, and number of non-zero crossings requiring another reserve activation.</p> <p style="color: red; margin-left: 40px;"><u>Performance of the transmission system, with respect to the number of events resulting in facilities exceeded system operating limits resulting in</u></p>

	<p>Alert States or Major Emergencies, including pre-contingency thermal and voltage limits, post-contingency thermal and voltage limits, post-contingency thermal and voltage limits, and stability limits.</p> <p>R1.6. A report of the number of more stringent events in which operating restrictions were imposed, resulting in an Alert or Major Emergency State due to severe weather conditions and/or severe solar magnetic disturbances.</p> <p>R1.7. Emergency actions initiated, including: 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> <p>R1.8. Other analyses and indices identified by the NYSRC Executive Committee for monitoring the security of the system.</p>
7. Section C – Compliance Elements	
1. Measures	M1. The NYISO submitted a monthly operations report covering the previous month in accordance with requirements defined in R1.1 to R1.8.
2. Levels of Non-Compliance	<p>For M1:</p> <p>Level 1: The NYISO submitted a monthly operations report, but the report was incomplete relative to one of the Requirements defined in R1.1 to R1.8.</p> <p>Level 2: The NYISO submitted a monthly operations report, but the report was incomplete relative to two of the Requirements defined in R1.1 to R1.8.</p> <p>Level 3: The NYISO submitted a monthly operations report, but the report was incomplete relative to three or more of the Requirements defined in R1.1 to R1.8.</p> <p>Level 4: The NYISO failed to submit a monthly operations report for the previous month.</p>
3. Compliance Monitoring Process (See Policy 4):	
3.1 Compliance Monitoring Responsibility	M1: RCMS
3.2 Reporting Frequency	M1: Monthly
3.3 Compliance Reporting Requirements	M1: Monthly operations report.
8. Comments	This Reliability Rule will be implemented in accordance with the NYSRC Rules Enhancement Plan.
9. Date Reliability Rule Adopted	
10. REP PRR Revision Dates	8/15/14, 8/28/14, 9/4/14