

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. Comments will be considered for proposed new and revised rules that are highlighted in red-line. The REP is described in the NYSRC report, <i>Rules Enhancement Plan</i> , www.nysrc.org/reports3.asp , 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-04
4. Number and Title of Proposed Reliability Rule	C-R2: Generating Unit Availability and Special Case Resource Performance
5. Section A – Reliability Rule Elements	
1. Reliability Rule	Accurate generating unit outage data and Special Case Resource performance data needed to analyze and model the reliability of the NYCA shall be collected and maintained.
2. Associated NERC & NPCC Standards and Criteria	NPCC Directory 1
3. Applicability	NYISO and Installed Capacity Providers
6. Section B – Requirements	
Requirements	<p>R1. The <i>NYISO</i> shall establish, maintain and follow procedures to address Installed Capacity Provider generating unit outage data reporting requirements and methods of processing outage data. These procedures shall be designed to provide complete, consistent and accurate data to support <i>NYSRC</i> and <i>NYISO</i> reliability studies. This data shall include, but not be limited to, forced, partial and maintenance outage statistics. <i>NYISO</i> outage data reporting and processing procedures shall include the following requirements:</p> <p>R1.1 Installed Capacity Provider generating unit outage data reporting instructions.</p> <p>R1.2 Installed Capacity Provider outage data reporting schedules.</p> <p>R1.3 Training programs for Installed Capacity Providers that focus on proper generating unit outage data collection and reporting methods for submission of accurate data to the <i>NYISO</i>.</p> <p>R1.4 The consequences to an Installed Capacity Provider of failing to submit complete, accurate and timely data to the <i>NYISO</i>.</p> <p>R1.5 Due diligence <i>NYISO</i> processes for screening of all generating unit outage data received from Installed Capacity Providers. These processes shall be designed to screen outage data and replace</p>

	<p>misreported outage data or <i>Suspect Data</i> with corrected or proxy data as necessary, and shall be employed by the NYISO before the data is used in NYSRC and NYISO reliability studies. On request by the NYSRC, the NYISO shall make available for inspection documentation covering its processes for reviewing and screening outage data.</p> <p>R2. Installed Capacity Providers located in or serving the NYCA shall provide generating unit outage data for their generating units in accordance with NYISO procedures, tariffs and schedules for reporting outage data to the NYISO.</p> <p>R3. The NYISO shall annually prepare, from generating unit outage data received under R1, a document depicting outage data statistics to be specified by the NYSRC, and submitted in accordance with NYSRC time schedules.</p> <p>R4. The NYISO shall establish, maintain and follow procedures to address Responsible Interface Party reporting requirements for submitting performance data for all installed capacity associated with Special Case Resources (SCRs), and requirements for calculating SCR performance. These procedures shall be designed to provide estimates of the amount of load reduction that can be expected at the time of a SCR activation for supporting NYSRC and NYISO reliability studies. NYISO SCR performance data reporting and calculation procedures shall include the following requirements:</p> <p style="padding-left: 40px;">R4.1 Reporting requirements and instructions for Responsible Interface Parties to provide SCR performance data to the NYISO. These instructions shall include requirements that Responsible Interface Parties report data for any SCR that was required to provide load reduction for NYISO-deployed test or event.</p> <p style="padding-left: 40px;">R4.2 Reporting schedules for Responsible Interface Parties to provide SCR performance data to the NYISO.</p> <p style="padding-left: 40px;">R4.3 NYISO procedures for calculating and measuring SCR performance based on data received from the Responsible Interface Parties (R4.1 and R4.2).</p> <p style="padding-left: 40px;">R4.4 An annual report that presents SCR performance results for the most recent Capability Year, prepared in accordance with R4.3 and specified by the NYSRC. The report shall be submitted to the NYSRC in accordance with NYSRC time schedules, no earlier than 90 days after the end of the Capability Year.</p> <p>R5. Responsible Interface Parties serving the NYCA shall provide performance data to the NYISO for their Special Case Resources (SCRs) in accordance with R4 and NYISO procedures, tariffs and schedules.</p>
<p>7. Section C – Compliance Elements</p>	
<p>1. Measures</p>	<p>M1. The NYISO had full documentation of its generating unit outage data reporting procedures (R1.1 through R1.4) and outage data processing procedures (R1.5). The NYISO made available, on request, documentation describing its generating unit outage data processes. The NYISO provided documentation showing that it has employed its generating unit outage data processes for review and screening of all</p>

	<p>reported outage data, and corrected misreported outage data or developed proxy data, as necessary,, before the data was used in NYSRC and NYISO reliability studies.</p> <p>M2. The NYISO certified that, during the time period designated by the NYSRC, all Installed Capacity Providers reported generating unit outage data in accordance with applicable NYISO procedures, tariffs and schedules.</p> <p>M3. The NYISO prepared the annual document depicting NYCA generating unit outage statistics from outage data received from Installed Capacity Providers, as specified in R3. This document was submitted to the NYSRC in accordance with NYSRC time schedules.</p> <p>M4. The NYISO prepared documentation of its Responsible Interface Party SCR performance data reporting instructions (R4.1 and R4.2) and SCR performance data calculation procedures (R4.3). The NYISO prepared an annual report depicting SCR performance results – as specified by the NYSRC – and submitted to the NYSRC in accordance with NYSRC time schedules (R4.4).</p> <p>M5. The NYISO certified that, during the previous Capability Year, all Responsible Interface Parties reported required information in accordance with R5 and applicable NYISO procedures, tariffs, and schedules and that the data provided was sufficient to provide a statistically valid estimate of the amount of load reduction that could be expected at the time of an SCR call.</p>
<p>2. Levels of Non-Compliance</p>	<p><u>For Measure 1</u></p> <p>Level 1: NYISO generating unit outage data reporting and processing procedures were provided, but were incomplete relative to one of the five requirements defined in R1. Following a NYSRC request, the NYISO did not make available documentation describing its outage data processes.</p> <p>Level 2: NYISO compliance documentation showed that not all reported generating unit outage data were reviewed, screened and corrected using the NYISO generating unit outage data process procedure before the data was used in NYSRC and NYISO reliability studies.</p> <p>Level 3: NYISO generating unit outage data reporting and processing procedures were provided, but were incomplete relative to two of the five sub-requirements defined in R1.</p> <p>Level 4: NYISO generating unit outage data reporting and processing procedures were provided, but were incomplete relative to three or more of the five sub-requirements defined in R1.</p> <p><u>For Measure 2</u></p> <p>Level 1: The NYISO certified that an Installed Capacity Provider failed to report its generating unit outage data in accordance with NYISO data reporting schedules.</p> <p>Level 2: The NYISO certified that generating unit outage data from an Installed Capacity Provider was found to be misreported after the data was used in reliability studies.</p>

	<p>Level 3: The NYISO certified that generating unit outage data from a single Installed Capacity Provider was found to be misreported two or more times over a two-year period, after the data was used in reliability studies.</p> <p>Level 4: The NYISO certified that an Installed Capacity Provider did not report its generating unit outage data in accordance with applicable NYISO procedures and tariffs.</p> <p><u>For Measure 3</u></p> <p>Level 1: Not applicable.</p> <p>Level 2: The required document depicting NYCA generating unit outage statistics was not submitted to the NYSRC.</p> <p>Level 3: Not applicable.</p> <p>Level 4: Not applicable.</p> <p><u>For Measure 4</u></p> <p>Level 1: NYISO SCR performance data reporting instructions and calculation procedures were provided when requested, but were incomplete relative to R4.1, R4.2 and R4.3; or a SCR performance data report for the previous Capability Year (R4.4) was provided, but did not follow NYSRC specifications.</p> <p>Level 2: Not applicable.</p> <p>Level 3: The required annual report providing SCR performance data results for the previous Capability Year (R4.4) was not prepared.</p> <p>Level 4: NYISO SCR performance data reporting instructions and calculation procedures in accordance with R4.1, R4.2, and R4.3 were not prepared.</p> <p><u>For Measure 5</u></p> <p>Level 1: The NYISO certified that one or more Responsible Interface Parties reported SCR information in accordance with NYISO instructions during the previous Capability Year, but did not meet NYISO reporting schedules.</p> <p>Level 2: The NYISO certified that one or more Responsible Interface Parties reported SCR information during the previous Capability Year, but failed to report this information in accordance with NYISO instructions.</p> <p>Level 3: Not applicable.</p> <p>Level 4: The NYISO certified that one or more Responsible Interface Parties failed to report required SCR information during the previous Capability Year.</p>
3. Compliance Monitoring Process (See Policy 4):	
3.1 Compliance Monitoring Responsibility	<ul style="list-style-type: none"> • C-M1: RCMS • C-M2: Review of GO Compliance – NYISO • C-M2: Review of NYISO Certification of LSE Compliance – RCMS

	<ul style="list-style-type: none"> • C-M3: RCMS • C-M4: RCMS • C-M5: Review of Responsible Interface Party Compliance – NYISO • C-M5: Review of NYISO Certification of Responsible Interface Party Compliance – RCMS
3.2 Reporting Frequency	<ul style="list-style-type: none"> • C-M1: In accordance with NYSRC Compliance Monitoring Program schedule. • C-M2: Annually • C-M3: Annually • C-M4: In accordance with NYSRC Compliance Monitoring Program schedule. • C-M5: Annually
3.3 Compliance Reporting Requirements	<ul style="list-style-type: none"> • C-M1: NYISO Self-Certification. • C-M2: NYISO Certification of LSE Compliance • C-M3: Generating Unit Outage Data • C-M4: NYISO Self-Certification • C-M5: NYISO Certification of Responsible Interface Party Compliance
8. Implementation Plan	This Reliability Rule will be implemented in accordance with the NYSRC <i>Rules Enhancement Plan</i> .
9. Comments	
10. Date Reliability Rule Adopted	
11. REP PRR Revision Dates	11/11/13, 1/3/14