

Request to Develop or Modify Reliability Rules and Requirements (NYSRC Policy No. 1-11)

Submit request to herb@poweradvisorsllc.com via the NYSRC site www.nysrc.org

Item	Information
1. PRR No. & Title of Reliability Rule or Requirement change	PRR 147 - NYSRC Resource Adequacy Criterion
2. Rule Change Requester Information	
Name	RRS
Organization	
3. New rule or revision to existing rule?	Revision
4. Need for rule change, including advantages and disadvantages	To clarify that the NYSRC Resource Adequacy LOLE Criterion applies all resource capacity probability analyzes, not only IRM studies.
5. Related NYSRC rules	A.1 An <i>Installed Reserve Margin (IRM)</i> requirement for the NYCA for each <i>Capability Year</i> shall be established.
6. Section A – Reliability Rule Elements	
1. Reliability Rule	A.1 An <i>Installed Reserve Margin (IRM)</i> requirement for the NYCA for each <i>Capability Year</i> shall be established.
2. Associated NERC & NPCC Standards and Criteria	NPCC: Directory 1 NERC: None
3. Applicability	NYSRC
7. Section B – Requirements	
Requirements	<u>R1. All probabilistic resource capacity requirement analyzes conducted by the NYSRC and NYISO, including resource adequacy evaluations and the establishment of the NYCA Installed Reserve Margin (IRM) requirement, shall meet the NYSRC Resource Adequacy Criterion in R1.1.</u> <u>R1.1 NYSRC Resource Adequacy Criterion</u> <u>The loss of load expectation (LOLE) of disconnecting firm load due to resource deficiencies shall be, on average, no more than 0.1 day per year. LOLE evaluations shall make do allowance for demand uncertainty, scheduled outages and deratings, forced outages and deratings, assistance over interconnections with neighboring control areas, NYS Transmission System emergency transfer capability, and capacity and/or load relief from available operating procedures.</u>

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	<p>R2. The NYSRC shall annually perform and document an analysis to calculate the NYCA <i>Installed Reserve Margin (IRM)</i> requirement for the following Capability Year. The IRM analysis shall:</p> <p style="padding-left: 40px;">R2.1 Probabilistically establish the IRM requirement for the NYCA in accordance with the NYSRC Resource Adequacy Criterion in R.1.1.</p> <p style="padding-left: 40px;">R2.2 Utilize the methodology and modeling parameters for establishing NYCA IRM requirements and a timeline for the study process, as described in NYSRC Policy 5 “Procedure for Establishing NYCA Installed Capacity Requirements.”</p> <p style="padding-left: 40px;">R2.3 Prepare a technical report documenting the assumptions, models, methodology and results of the IRM Study.</p>
8. Section C – Compliance Elements	Revise Measure Numbers to reflect Requirement number changes in Section 7.
1. Measures	
2. Levels of Non-Compliance	
3. Compliance Monitoring Process (See Policy 4):	
3.1 Compliance Monitoring Responsibility	
3.2 Reporting Frequency	
3.3 Compliance Reporting Requirements	
9. Implementation Plan	
10. Comments	
11. Date Rule Adopted	
12. PRR Revision Dates	11/25/19