

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 to all resource capacity probability assessments, including resource adequacy analyzes (see related PRR 145) and IRM requirement studies. See Section 10, Comments.
5. Related NYSRC rules	A.2, A.3
6. Section A – Reliability Rule Elements	
1. Reliability Rule	A.1 An Installed Reserve Margin (IRM) requirement for the NYCA for each Capability Year shall be established.
2. Associated NERC & NPCC Standards and Criteria	NPCC: Directory 1 NERC: None
3. Applicability	NYSRC
7. Section B – Requirements	
Requirements	<p><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></p> <p><u>R1.1 NYSRC Resource Adequacy Criterion</u></p> <p><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></p> <p><u>R2. The NYSRC shall annually perform and document an analysis to calculate the NYCA Installed Reserve Margin (IRM) requirement for the following Capability Year. The IRM analysis shall:</u></p>

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	<p>R2.1 Probabilistically establish the IRM requirement for the NYCA in accordance with the NYSRC Resource Adequacy Criterion in R.1.1.</p> <p>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>R2.3 Prepare a technical report documenting the assumptions, models, methodology and results of the IRM Study.</p>
8. Section C – Compliance Elements	
1. Measures	M1. The NYSRC Installed Capacity Subcommittee conducted the annual NYCA IRM study for the following Capability Year, in accordance with R2.1 and R2.2 , and prepared a technical report in accordance with R2.3 .
2. Levels of Non-Compliance	For M1: Level 1: Not applicable. Level 2: A report was submitted, but was incomplete in one or more areas. Level 3: Not applicable. Level 4: A report was not submitted.
3. Compliance Monitoring Process (See Policy 4):	
3.1 Compliance Monitoring Responsibility	M1: RCMS
3.2 Reporting Frequency	M1: In accordance with NYSRC Compliance Monitoring Program schedules.
3.3 Compliance Reporting Requirements	M1: IRM Report and other documentation requested by RCMS.
9. Implementation Plan	The Requirement revisions in this PRR shall be adopted immediately following Executive Committee approval of PRR 147.
10. Comments	Revised A.3: R1 & R2 in PRR 145 references the revised A.1: R1.1 in this PRR; and therefore PRRs 145 and 147 should be adopted together.
11. Date Rule Adopted	
12. PRR Revision Dates	11/25/19, 12/16/19, 1/2/20

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