

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 140 Modification of A.1: Establishing NYCA Installed Reserve Margin Requirements
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 A.1 requirements and to revise to be consistent with NPCC Directory 1 resource adequacy requirements.
5. Related NYSRC rules	A.2
6. Section A – Reliability Rule Elements	
1. Reliability Rule	An Installed Reserve Margin (IRM) requirement for the NYCA for each Capability Year shall be established. (No changes)
2. Associated NERC & NPCC Standards and Criteria	NPCC Directory 1
3. Applicability	NYSRC, NYISO, LSEs
7. Section B – Requirements	
Requirements	<p>R1.2. The NYSRC shall annually perform and document an analysis periodically perform resource adequacy studies to calculate the NYCA Installed Reserve Margin (IRM) requirement for the following Capability Year. The IRM analysis shall update the required statewide IRM. A report shall be prepared providing the assumptions, procedures, and results of the study.</p> <p>R1.1 The NYSRC shall Probabilistically establish the IRM requirement for the NYCA such that the probability (or risk) of disconnecting any firm load due to resource deficiencies shall be, on average, not more than once in ten years. Compliance with this criterion shall be evaluated probabilistically, such that the loss of load expectation (LOLE) of disconnecting firm load due to resource deficiencies shall be, on average, no more than 0.1 days per year. This evaluation shall make due allowances 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.</p> <p>R1.2 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</p>

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	<p><u>Installed Capacity Requirements.”</u></p> <p><u>R1.3 Prepare a technical report documenting the assumptions, models, methodology, and results of the IRM study.</u></p>
8. Section C – Compliance Elements	
1. Measures	M1. The NYSRC Installed Capacity Subcommittee conducted the annual <u>NYCA IRM/resource adequacy</u> study for the following Capability <u>YearPeriod in accordance with R1.1 and R1.2</u> , and <u>prepared a technical report reported the results of the study</u> in accordance with <u>R1.3 and R2</u> .
2. Levels of Non-Compliance	<p>(No changes)</p> <p><u>For Measure 1</u></p> <p>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.</p>
3. Compliance Monitoring Process (See Policy 4):	(No changes)
3.1 Compliance Monitoring Responsibility	RCMS
3.2 Reporting Frequency	In accordance with NYSRC Compliance Monitoring Program schedules.
3.3 Compliance Reporting Requirements	IRM Report and other documentation requested by RCMS.
9. Implementation Plan	Policy 5 shall be revised by ICS to reflect PRR 140 rule changes.
10. Comments	<p>NYISO staff will request NPCC CP-8 to explain the need for the phrase “on average” as presently included the NPCC LOLE criterion in NPCC Directory 1 and in NYSRC A.1 (R1). If NPCC agrees that this phrase is no longer needed, NYISO staff will request that it be removed the next time that Directory 1 is revised. The phrase “on average” would then be removed from A.1 (R1).</p> <p>After PRRs 140 and 141 are approved RRS will revise, if necessary, the Introduction to the Resource Adequacy Reliability Rules section.</p>
11. Date Rule Adopted	
12. PRR Revision Dates	12/19/17, 1/4/18, 2/8/18

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