

NYSRC Guidelines for Resource Adequacy Reviews

The purpose of these guidelines is to specify the minimum documentation required in 10-year resource adequacy reviews conducted by the NYISO for satisfying compliance with NYSRC Reliability Rule A.3, Long Term Resource Adequacy. The purpose of these resource adequacy reviews is to assess whether proposed NYCA resources will meet NYSRC's resource planning ~~requirements~~ criterion of "one day in 10 years"¹, and will be based on NYISO's Reliability Planning Process (RPP) assumptions and methodologies. ~~Any potential resource adequacy need shall be addressed by the NYISO's procedures. The~~ Resource Adequacy Review ~~summary~~ ~~reports~~ shall include the study assumptions, assessment procedure, and findings ~~requirements~~ ~~described~~ below. The NYISO may include other related issues not covered by these guidelines.

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1. Assumptions

- 1.1 Load forecast for the assessment period, including base ~~case-line~~ and high ~~range~~ load forecasts. ~~The basis for the high range forecast should be discussed.~~
- 1.2 Proposed resources for the assessment period.
- ~~1.3~~ Planned resource deactivations for the assessment period.
- ~~1.4.1.3~~ ~~Various Other scenarios, as assessed by the NYISO as part of their resource adequacy assessment~~ RPP, or other applicable recent studies.

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2. Procedure used to perform resource adequacy assessments

3. Findings

- 3.1 LOLE for each year for the base case, high load forecast, and various scenarios (as identified by the NYISO).
- 3.2 Compensatory MW for years ~~not maintaining above the~~ LOLE criterion.
- ~~3.3 Possible solutions to satisfying projected capacity deficiencies.~~
- ~~3.4.3.3~~ Identify potential resource adequacy risks and mitigation options.
- ~~3.5.3.4~~ Overall NYISO conclusions regarding issues and concerns affecting resource adequacy over the 10-year assessment period.

¹ NYSRC's resource adequacy criterion: 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 ~~review~~ 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.