2026-2027 IRM Study: Database Alignment Report

The New York State Reliability Council, L.L.C. (NYSRC) Installed Capacity Subcommittee (ICS) conducted the New York Control Area (NYCA) Installed Reserve Margin (IRM) Study for the 2026-2027 Capability Year (May 1, 2026 – April 30, 2027). The ICS technical study, performed under final base case assumptions adopted by the NYSRC Executive Committee (EC) representing the study's Special Sensitivity Case, produced an IRM of 25.6% and "Minimum Locational Capacity Requirements" (MLCRs) of 79.8% and 107.5% for Load Zone J and Load Zone K, respectively.[1] The study results meet the NYSRC resource adequacy criterion of a loss of load expectation (LOLE) of no greater than 0.100 loss of load event-days/year.

Following completion of the technical study, the EC considered various factors to approve a final IRM for the 2026-2027 Capability Year. Such factors included the reliability needs and risks to reliability identified in the New York Independent System Operator, Inc. (NYISO) 2025 Quarter 3 Short-Term Assessment of Reliability report and the methodology and related assumptions the NYISO will use to conduct the 2026-2027 Locational Minimum Installed Capacity Requirements (LCR) study. An important input to the NYISO's LCR study is the transmission security limit (TSL) floor values. Additional analysis conducted by the NYISO to assess the potential impacts of the 2026-2027 LCR study methodology and assumptions identified that the LOLE criterion could be met with an IRM that is lower than the technical study result.[2] On December 5, 2025, the EC approved a final IRM of 24.5% for the 2026-2027 Capability Year.[3]

As required by NYSRC Policy No. 5-19,[4] after the EC approved the final IRM for the 2026-2027 Capability Year, the technical study database was aligned to ensure that the LOLE criterion was maintained with the EC-approved IRM value. The database alignment was conducted with the 24.5% IRM approved by the EC and the MLCRs were set equal to the NYISO-determined TSL floor values of 86.4% for Load Zone J, 110.3% for Load Zone K, and 82.5% for the G-J Locality.

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[1] 2026-2027 Capability Year IRM Study Technical Report:
https://www.nysrc.org/wp-content/uploads/2025/12/2026-IRM-Study-Technical-Report.pdf
[2] Impact Assessment of 2026-2027 Capability Year TSL Floor Values:
https://www.nysrc.org/wp-content/uploads/2025/11/Impact-Assessment-of-TSL.pdf
[3] 2026-2027 Capability Year IRM Resolution:
https://www.nysrc.org/wp-content/uploads/2025/12/2026-27-IRM-Plan-Resolution-Approved-12-5-25-As-approved.pdf
[4] NYSRC Policy No. 5-19: https://www.nysrc.org/wp-content/uploads/2025/06/NYSRC-Draft-Policy-5-19-Final-6-13-2025.pdf

The aligned database meets the LOLE criterion with the following key results:

Case	2026 - 2027 IRM Technical Study	2026 - 2027 IRM Aligned Database
NYCA IRM	25.6%	24.5%
J MLCR	79.8%	86.4%
K MLCR	107.5%	110.3%
G – J MLCR	89.2%	82.5%
LOLE (Event-Days/year)	0.100	0.091
LOLH (Event-Hours/year)	0.365	0.327
EUE (MWh/year)	168.50	189.06