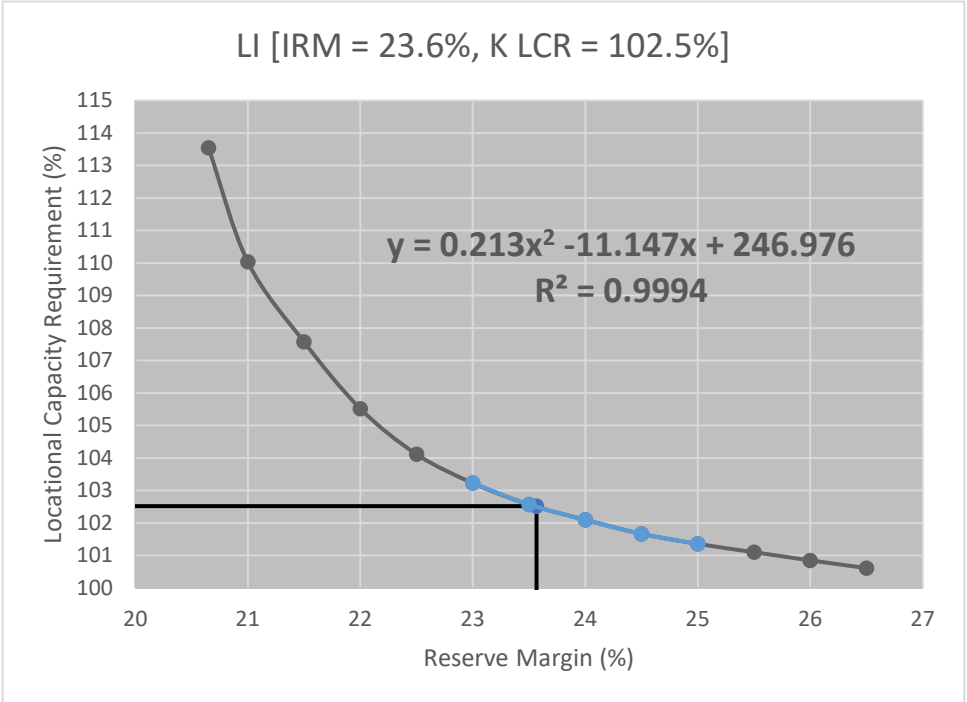
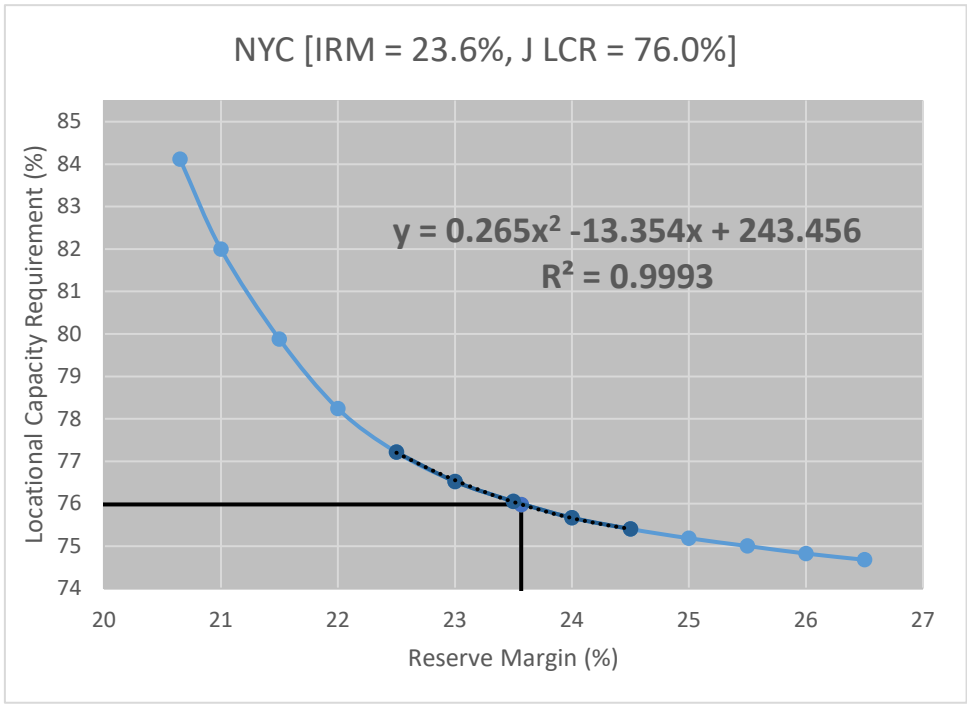


For review and approval at the 07/30/2024 NYSRC ICS Meeting

IRM 2025-2026 Preliminary Base Case Tan45



Step	EOP	Expected Implementation (Days/Year)
1	Require SCRs (Load and Generator)	7.4
2	5% manual voltage reduction	5.9
3	30-minutes reserve to zero	5.6
4	Voluntary load curtailment	3.5
5	Public appeals	3.2
6	5% remote controlled voltage reduction	3.1
7	Emergency purchases	2.3
8	10-minutes reserve to 400 MW	0.2
9	Customer disconnections	0.1

Note: The expected implementation days per year reported in each EOP step are the expected number of days that MARS calls for that EOP step. If an EOP step has a limitation on the number of days that it can provide relief, such as the 3 calls per year for Voluntary Curtailment and Public Appeals, it will provide no load relief after the 3rd call. Starting with the 2025-2026 IRM study year, SCRs have been modeled utilizing a duration limitation with hourly response rates, along with replacing the 5 calls per month limitation with a 1 call per day limitation.

SCR Calls Per Month	
Month	Days/Month
JAN	0.0
FEB	0.0
MAR	0.0
APR	0.0
MAY	0.0
JUN	0.3
JUL	2.7
AUG	2.9
SEP	1.5
OCT	0.0
NOV	0.0
DEC	0.0

For information at the 07/30/2024 NYSRC ICS Meeting

2025 - 2026 IRM PBC Tan45				
Summary Results				
	IRM	J LCR	K LCR	G-J
IRM Tan45	23.6	76.0	102.5	87.5

J /K Individual Tan45 Regression Outcome				
J - Tan45	23.301	76.230		
K - Tan45	23.831		102.237	

J / K Regression Formula				
	ax^2	bx	c	LCR
J LCR	0.265	-13.353	243.456	75.955
K LCR	0.213	-11.147	246.976	102.480

Sections on J and K Curves for the final Tan45 Results			
J Curve Section		K Curve Section	
First Point	Last Point	First Point	Last Point
22.50	24.50	23.00	25.00

Low point and the 12 points on the Tan45 Curve

IRM	J_LCR	K_LCR
20.65	84.12	113.55
21.00	82.00	110.03
21.50	79.88	107.57
22.00	78.24	105.52
22.50	77.21	104.11
23.00	76.53	103.23
23.50	76.06	102.56
24.00	75.67	102.10
24.50	75.40	101.66
25.00	75.19	101.36
25.50	75.00	101.10
26.00	74.83	100.85
26.50	74.68	100.61

IRM Results Comparison					
Case	IRM (%)	LOLH (hours/yr)	EUE (MWhr/yr)	Normalized EUE (Simple Method)	Normalized EUE (Bin Method)
2024-2025 IRM Final Base Case	23.1	0.377	225.092	1.478	1.331
2025-2026 IRM Preliminary Base Case	23.6	0.388	234.724	1.554	1.386

Note: The LOLH and EUE metrics reported here for information purposes only were requested by the NYS Reliability Council. The data used to calculate the LOLH and EUE were obtained from the GE MARS output.¹

1. <https://www.nysrc.org/wp-content/uploads/2023/04/NormalizedEUECalculationMethods-v1forMarch30RCMS.pdf>