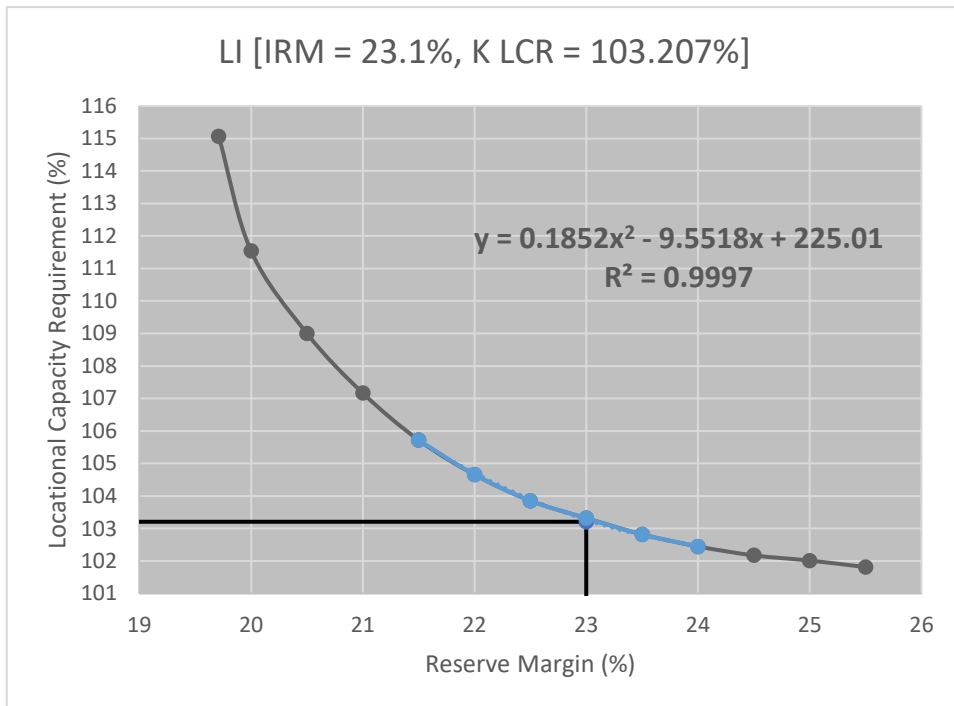
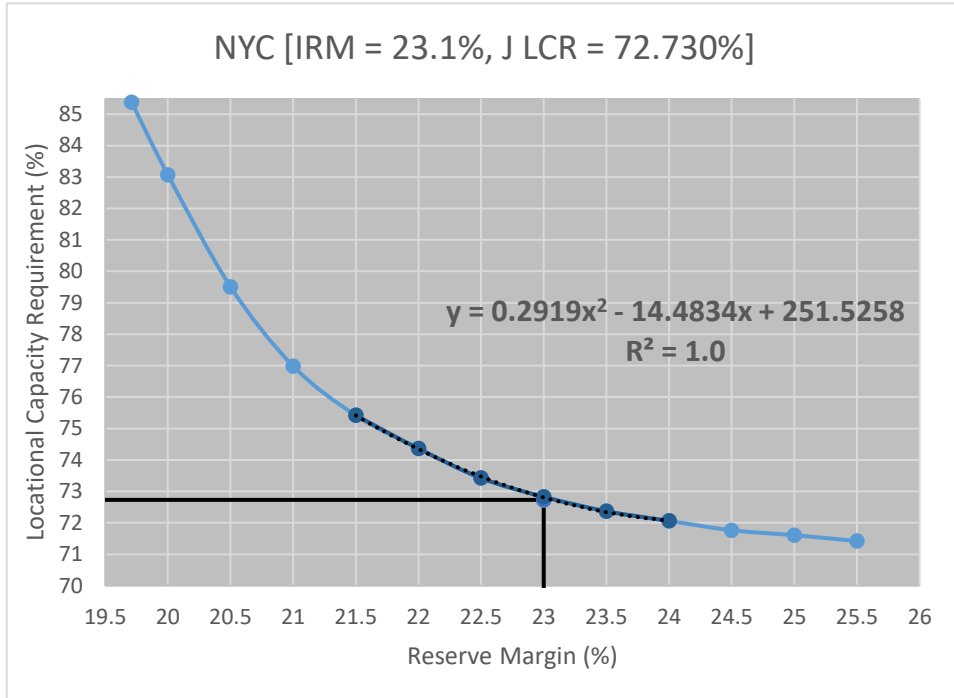


For review and approval at the 11/01/2023 NYSRC ICS Meeting

IRM 2024-2025 Final Base Case Tan45



Step	EOP	Expected Implementation (Days/Year)
1	Require SCRs (Load and Generator)	8.1
2	5% manual voltage reduction	6.1
3	30-minutes reserve to zero	5.9
4	Voluntary load curtailment	2.8
5	Public appeals	2.2
6	5% remote controlled voltage reduction	2.0
7	Emergency purchases	1.5
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 5 days per month limit for SCRs, it will provide no load relief after the 5th day.

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	2.5
AUG	3.5
SEP	1.5
OCT	0.0
NOV	0.0
DEC	0.0

For information at the 11/01/2023 NYSRC ICS Meeting

2024 - 2025 IRM FBC Tan45				
Summary Results				
	IRM	J LCR	K LCR	G-J
IRM Tan45	23.100	72.730	103.207	84.577

J /K Individual Tan45 Regression Outcome				
J - Tan45	23.096	72.725		
K - Tan45	23.086		103.212	

J / K Regression Formula				
	ax^2	bx	c	LCR
J LCR	0.291904	-14.483456	251.525837	72.721
K LCR	0.185213	-9.551818	225.014124	103.199

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	24.00	22.50	24.50

Low point and the 12 points on the Tan45 Curve

IRM	J_LCR	K_LCR
19.71	85.39	115.07
20.00	83.07	111.54
20.50	79.51	109.00
21.00	76.99	107.17
21.50	75.42	105.72
22.00	74.36	104.66
22.50	73.42	103.86
23.00	72.83	103.32
23.50	72.37	102.82
24.00	72.06	102.45
24.50	71.76	102.17
25.00	71.61	102.01
25.50	71.42	101.81

IRM Results Comparison			
Case	IRM (%)	LOLH (hours/yr)	EUE (MWhr/yr)
2024-2025 IRM PBC Sensitivity 6a	23.0	0.368	227.886
2024-2025 IRM Final Base Case	23.1	0.377	225.092

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.