For information at the NYSRC ICS Meeting #281

IRM 2024-2025 EOP Whitepaper Recommendation (Sensitivity 6a) Tan45				
Summary Results				
	IRM	J LCR	K LCR	G-J
IRM Tan45	23.043	72.405	109.525	84.022

J /K Individual Tan45 Regression Outcome				
J - Tan45	23.147	72.299		
K - Tan45	22.939		109.625	

J / K Regression Formula				
	ax^2	bx	c	LCR
J LCR	0.181929	-9.422323	192.923242	**72.405**
K LCR	0.337051	-16.463222	309.919419	**109.525**

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
22.00	**24.50**	**22.00**	**24.50**

Low point and the 12 points on the Tan45 Curve		
IRM	J_LCR	K_LCR
20.00	84.22	121.30
20.50	80.31	115.52
21.00	76.97	113.38
21.50	75.14	111.76
22.00	73.98	110.88
22.50	73.02	110.11
23.00	72.45	109.57
23.50	71.96	109.17
24.00	71.59	108.80
24.50	71.28	108.48
25.00	71.07	108.26
25.50	70.95	108.06
26.00	70.81	107.87

IRM Results Comparison			
Case	IRM (%)	LOLH (hours/yr)	EUE (MWhr/yr)
2023-2024 IRM Final Base Case	19.9	0.358420	192.351
2024-2025 IRM Preliminary Base Case	20.8	0.337110	180.817
2024-2025 IRM Sensitivity Case 6a	23.0	0.368140	227.886

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.