

Table 6-1 Parametric IRM Impact Comparison 2023-2024

Description	Impact on Margins				Reason for change
	NYCA	NYC	LI	LHV	
IRM 2023 Final Base Case	19.9	78.2	107.4	88.5	
Reduce Emergency Assistance limits per EOP Whitepaper recommendations *	2.24	-0.30	-0.40	-4.50	Reduction of EA limits in higher load bins increases IRM Average rate decreased but locational impacts increased IRM.
Cable Transition Rate *	0.59	-2.99	0.42	-2.19	
Thermal Outage Rate (2018-2022)	0.43	0.44	0.24	0.46	
New Generators (Solar)	0.34	0.00	0.00	0.00	Renewables have lower availability than thermal units.
AC Transmission Topology *	0.25	-1.27	-0.83	-0.93	New transmission shifted Tan45 curve down and increased IRM.
Withholding Operating Reserves	0.25	0.18	0.25	0.19	Increase in OR withheld in EOP step.
2023 Peaker Rule Non-Deactivations	0.23	-0.44	2.18	-0.17	Peakers have a higher EFORD than the average unit.
New Generators (Offshore Wind)	0.19	-0.55	3.00	-0.59	Renewables have lower availability than thermal units.
SCR Update	0.14	0.19	0.00	0.17	
RoR Shapes (2018-2022)	0.13	0.09	0.13	0.10	
2023 Gold Book DMNC Updates	0.10	0.42	-1.45	0.14	
Sum of IRM Increases	4.89	-4.24	3.55	-7.33	
BTM Solar Load Shape Adjustment	-0.50	-0.36	-0.52	-0.39	
2023 Load Forecast	-0.20	0.31	1.32	0.29	
External Data + Policy 5 Adjustment	-0.37	-0.21	-0.38	-0.29	
ELR Update	-0.16	-0.12	-0.17	-0.12	
Load Forecast Uncertainty	-0.14	-0.10	-0.14	-0.10	
Wind Shapes (2018-2022)	-0.11	0.00	0.00	0.00	
EOP changes (Voltage Reduction)	-0.11	-0.08	-0.11	-0.09	
* verified by Tan45 analysis					
Sum of IRM Decreases	-1.59	-0.55	0.01	-0.70	
Non Material Changes	0.01	0.65	-0.27	0.34	
Preliminary Base Case Parametric Results **	23.21	74.06	110.69	80.85	

Actual Tan 45 Results	23.100	72.730	103.207	84.577
delta	-0.110	-1.326	-7.479	3.723

Non-Material Changes (Less than 0.05% delta on IRM)				
Description	Impact on Margins			
	NYCA	NYC	LI	LHV
Database check	0.00	0.00	0.00	0.00
LFG Shapes (2018-2022)	0.00	0.00	0.00	0.00
Solar Shapes (2018-2022)	-0.01	0.00	-0.02	0.00
MARS Version Update (4.13)	-0.03	-0.02	-0.03	-0.02
Internal Topology Update	0.02	0.02	0.03	0.02
BTM:NG	0.02	0.74	-0.27	0.48
Preliminary SCRs	0.00	0.00	0.00	0.00
South Cairo Retirement	-0.02	-0.01	0.07	-0.07
Miscellaneous Data Correction	-0.05	-0.10	-0.15	-0.11
EFORd Update	0.04	0.03	0.04	0.03
MARS Update Version 4.14.2179	0.00	0.00	0.00	0.00
EOP Order Update	0.00	0.00	0.00	0.00
EOP Operating Reserve Updated Allocation	0.03	0.02	0.03	0.02
DSM Production Shapes	-0.01	-0.01	-0.01	-0.01
Topology	0.02	0.02	0.02	0.02
Database Clean-up	-0.01	0.00	0.00	0.00
Removal of Kings Plaza	0.00	-0.04	0.02	-0.02
revised Policy-5 Adjustments	0.00	0.00	0.00	0.00
Sum of Non-Material Changes	0.01	0.65	-0.27	0.34