

2021 IRM Study –Sensitivity Cases (based on PBC)

Case	Description	IRM (%)	NYC (%)	LI (%)	IRM% Change from Base Case
0	2020 Preliminary Base Case	20.1	82.7	97.3	-
	This is the Base Case technical results derived from knee of the IRM-LCR curve. All other sensitivity cases are performed as described above.				
1	NYCA Isolated	27.0	87.8	104.3	+6.9
	This case examines a scenario where the NYCA system is isolated and receives no emergency assistance from neighboring control areas (New England, Ontario, Quebec, and PJM). UDRs are allowed.				
2	No Internal NYCA Transmission Constraints (Free Flow System)	18.2	81.3	95.4	-1.9
	This case represents the “Free-Flow” NYCA case where internal transmission constraints are eliminated and measures the impact of transmission constraints on statewide IRM requirements.				
3	No Load Forecast Uncertainty	11.0	75.9	88.2	-9.1
	This scenario represents “perfect vision” for 2019 peak loads, assuming that the forecast peak loads for NYCA have a 100% probability of occurring.				
4	Remove all wind generation	15.2	82.7	97.3	-4.9
	Freeze J & K at base levels and adjust capacity in the upstate zones. This shows the impact that the wind generation has on the IRM requirement.				
5	No SCRs	17.7	79.9	97.8	-2.4
	Shows the impact of SCRs on IRM.				