2021 IRM Study- Sensitivity Cases (based on PBC)

Case	Description	Reason
0	2021 IRM Preliminary Base Case	These are the Base Case technical results derived from knee of the IRM-LCR curve.
1	NYCA Isolated	Track Total NYCA Emergency Assistance – 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	Track level of NYCA congestion with respect to the IRM model – internal transmission constraints are eliminated and the impact of transmission constraints on statewide IRM requirements is measured.
3	No Load forecast uncertainty	Shows sensitivity of IRM to load uncertainty, assuming that the forecast peak loads for NYCA have a 100% probability of occurring.
4	No wind capacity	Shows wind impact and can be used to understand EFORd sensitivity; performed by freezing J & K at base levels and adjusting capacity in the upstate zones.
5	No SCRs	Shows sensitivity of IRM to SCR resources.
6	SCR Modeling method update [Tan 45 #1]	Evaluate the effect of SCR duration limitations. Model SCRs as limited to full performance for 4 hours with lower performance for additional shoulder hours (*e.g.,* hours 5 and 6).
7	External modeling method [Tan 45 #3]	Evaluate use of alternative data or methods to account for externals.
8	Impact of planned public policy upgrades [Tan 45 #2]	Revise topology with RNA model. Note: This is for informational purposes only. This will not factor into the 2021 IRM study.

Note: Tan 45 time permitting