Draft ICS work product. **Use of this document is for monthly tracking purposes only.** ICS approval is set for August.

Preliminary 2022 IRM Study- Sensitivity Cases (based on PBC)

Case	Description	Reason
0	2022 IRM Preliminary Base Case	These are the Base Case technical results derived from knee of the IRM-LCR curve.
IRM Impacts of Key MARS Study Parameters		
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.
IRM Impacts of Base Case Assumption Changes		
6	Zone D PAR sensitivity	Determines IRM if the zone D PAR repair is not completed in time for next summer.
7	Enhanced Energy Limited Resource (ELR) sensitivity (TC4C?).	Selects the TC4C option from the ELR whitepaper as the basis for testing a functionality of the new MARS ELR software. Includes results on the number of EOPs called.
8	UDR line (CSC,Y49, Neptune?) set at half capacity	Sensitivity on line remaining partially unavailable
IRM Impacts of future white papers or for informational use only		
9	Transmission Security Limit usage	Use ISO proposed methodology to fix a minimum LCR and find new IRM and related LCRs
10	LFU Phase I sensitivity	From LFU Phase 1 White paper recommendation; Expand the regional weather patterns to expose a more granular look at LFU.