

(ICS Approval Item for August)

2025-26 IRM Study - Sensitivity Cases (based on PBC)

Case	Description	Reason
0	2025-26 IRM Preliminary Base Case	These are the Base Case technical results derived from knee of the IRM-LCR curve
<i>IRM Impacts of Key MARS Study Parameters</i>		
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 – All Wind Units	Shows wind impact for both land-based and off-shore wind units and can be used to understand EFORD sensitivity
5	No SCR Capacity	Shows sensitivity of IRM to SCR program
<i>IRM Impacts of Base Case Assumptions Changes</i>		
6	Gas Constraints (Tan45)	Consistent with Gas Constraints whitepaper fuel availability modeling, model different levels of firm fuel at different load levels/bins <ul style="list-style-type: none"> - 11,000 MW of oil modeled - 8,000MW of oil modeled
7	BTM Solar (Tan45)	Explicitly modeling Behind-the-Meter (BTM) Solar as a supply resource consistent with other intermittent production resources

All results are calculated by shifting capacity from Zones A - K unless otherwise noted