Updated Table 6-1 for FBC			
Parameter	**Estimated IRM Change %**	**IRM %**	**Reason for IRM Changes**
2022-23 IRM Study - FBC		**19.6**	
2023-24 IRM Study Parameters that Increased the IRM			
Addition of 549.3 MW New Wind Units	1.2		Lower availability of wind increases (inc). the IRM
Withhold 350 MW OR at Load Shed	1.1		Removing available MWs from OR EOP step inc. the IRM
UDR Election	0.8		Cross Sound Cable election changed
Update of External Areas + Policy 5	0.3		Policy 5 adjustment inc. the IRM
DMNC Updates	0.2		Lower DMNC MW in downstate
Thermal Outage Rate (2017-2021)	0.1		Inc. the EFORd
Non-SCR and Non-OR EOPs	0.1		A decrease in EOP MW incr. the IRM
Total IRM Increase	**3.8**		
2023-24 IRM Study Parameters that decreased the IRM			
DEC Peaker Deactivation	-0.9		Peaker units have higher EFORd, deactivation lowers the system EFORd
Update ELR Model	-0.8		Inc. the availability of ELRs
New Summer LFUs	-0.6		Reduces the load forecast uncertainty
Topology Update + Neptune Rest.	-0.5		Inc. the system transfer capability
New Load Shapes	-0.3		Adopted the new load shapes decreased the IRM
Update Run of River Shapes	-0.1		Improvement in RoR performance decr. IRM
Total IRM Decrease	**-3.2**		
2023-24 IRM Study Parameters that did not change the IRM			
Winter LFU	0.0		
Update of Solar and LFG Shapes	0.0		
Update of Wind Shapes	0.0		
Update of SCRs	0.0		
Net Change from Previous Study		0.6	
2023-24 IRM Study FBC		**20.2**	

FBC Tan45 Results 20.2

Table 7-1: 2023 Final Base Case IRM Sensitivity Case Results					
2023 IRM Study Case	**Description**	**IRM (%)**	**IRM (%) Change from Base Case**	**LOLH (hrs/yr)**	**EUE (MWh/yr)**
0	**2023 IRM Final Base Case**	20.2	-	0.364	202.8
IRM Impacts of Key MARS Study Parameters					
1	**NYCA Isolated (No Emergency Assistance)**	27.8	+7.6	0.321	148.7
2	**No Internal NYCA Transmission Constraints**	18.2	-2.0	0.380	290.4
3	**No Load Forecast Uncertainty**	12.0	-8.2	0.289	83.4
4	**No Wind Capacity**	14.1	-6.1	0.362	198.9
5	**No SCR Capacity**	17.3	-2.9	0.348	175.9
IRM Impacts of Base Case Assumption Changes					
6	**Energy Limited Resource (ELR) (Fixed Output Shapes)**	20.4	+0.2	0.371	205.2
7	**Operating Reserves Not Maintained at Load Shedding**	18.7	-1.5	0.363	196.7
8	**Reverse New Load Shapes (Tan 45)**	20.5	+0.3	0.371	176.0
9	**Y49 Outage Extended Beyond June 2023**	20.8	+0.6	0.358	177.8
10	**Y49 Transition Rate Reverted to 2015-2019 Data**	19.7	-0.5	0.364	221.9