

Completed Sensitivity Cases based on the Preliminary Base Case

Comments

	Sensitivity Description	NYCA		Capacity/Load Ratio (%)				Comments
		RM (%)	Delta	Zone J	Delta (J)	Zone K	Delta (K)	
	IRM Preliminary Base Case 2015 (Tan 45)	17.4	N/A	84.2	N/A	105.4	N/A	PJM Extended Summer & Annual Demand Resources totaling 5617 MW were modeled in this preliminary base case. (PJM LOLE = 0.232)
1	NYCA isolated	26.1	8.7	90.4	6.2	113.3	7.9	
2	No internal NYCA transmission constraints	14.8	-2.6	N/A	N/A	N/A	N/A	
3	No load forecast uncertainty	7.4	-10.0	77.1	-7.1	96.3	-9.1	
4	No wind capacity	13.7	-3.7	84.2	0.0	105.4	0.0	Once the units were removed, compensating capacity was added to upstate zones A-F only.
5	No SCRs and EDRP	16.1	-1.3	82.6	-1.6	106.0	0.6	
6	Multiple loadshape feature used with new peak logic feature turned off	16.7	-0.7	83.7	-0.5	104.8	-0.6	
7	Use the 2002 load shape without the multiple loadshape feature	18.5	1.1	85.0	0.8	106.4	1.0	
8	No PJM DR modeled	18.9	1.5	85.0	0.8	106.5	1.1	This is the initial preliminary base case Tan45 point.
9	Set PJM LOLE target at 0.15	16.2	-1.2	83.4	-0.8	104.3	-1.1	Additional 1783 MW compensating capacity was modeled in PJM areas using the ratio of PJM Limited DR available in these areas (PJM LOLE = 0.149).
10	Set PJM LOLE target at 0.1	15.2	-2.2	82.6	-1.6	103.4	-2.0	Additional 2983 MW compensating capacity was modeled in PJM areas using the ratio of PJM Limited DR available in these areas (PJM LOLE = 0.108).
11	Remove Danskammer units from base case	17.4	0.0	86.2	2.0	108.0	2.6	Once units were removed, compensating capacity was added to downstate zones G-K only. The RM & Capacity/Load Ratio values were rounded to the first decimal.
12	Retire Indian Point Units 2 & 3 (LOLE Only)	LOLE= 0.712	N/A	LOLE= 0.648	N/A	LOLE= 0.467	N/A	The starting point (preliminary base case) before retiring IP Units 2 & 3 is: LOLE(NYCA)=0.100, LOLE(J)=0.088, LOLE(K)=0.054