



Distribution of Loss of Load Events in 2017 IRM PBC

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Case Description

2017 IRM Preliminary Base Case (PBC)

- *NYCA LOLE of 0.100*

Summer Peak Load Forecast from 2016 GB

- *Zone J: 11,795 MW*
- *Zone K: 5,422 MW*
- *G – J Locality: 16,313 MW*
- *NYCA: 33,363 MW*

IRM 2017 PBC Results

Load Level	Base Shape	Weight	NYCA LOLE (dys/yr)
1 (Highest)	2006	0.0062	0.017
2	2002	0.0606	0.070
3	2007	0.2417	0.010
4	2007	0.3830	0.002
5	2007	0.2417	0.001
6	2007	0.0606	0.000
7 (Lowest)	2007	0.0062	0
Total:		1.0000	0.100

IRM 2017 PBC Results

NYCA LOLE (dys/yr)

Load Level	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual
1	0	0	0	0	0	0.000	0.002	0.015	0	0	0	0	0.017
2	0	0	0	0	0.000	0.000	0.018	0.052	0	0.000	0	0	0.070
3	0	0	0	0	0.000	0.000	0.002	0.008	0.000	0	0	0	0.010
4	0	0	0	0	0	0	0.000	0.002	0.000	0	0	0	0.002
5	0	0	0	0	0	0	0	0.001	0	0	0	0	0.001
6	0	0	0	0	0	0	0	0.000	0	0	0	0	0.000
7	0	0	0	0	0	0	0	0	0	0	0	0	0
Total:	0	0	0	0	0.000	0.000	0.022	0.078	0.000	0.000	0	0	0.100

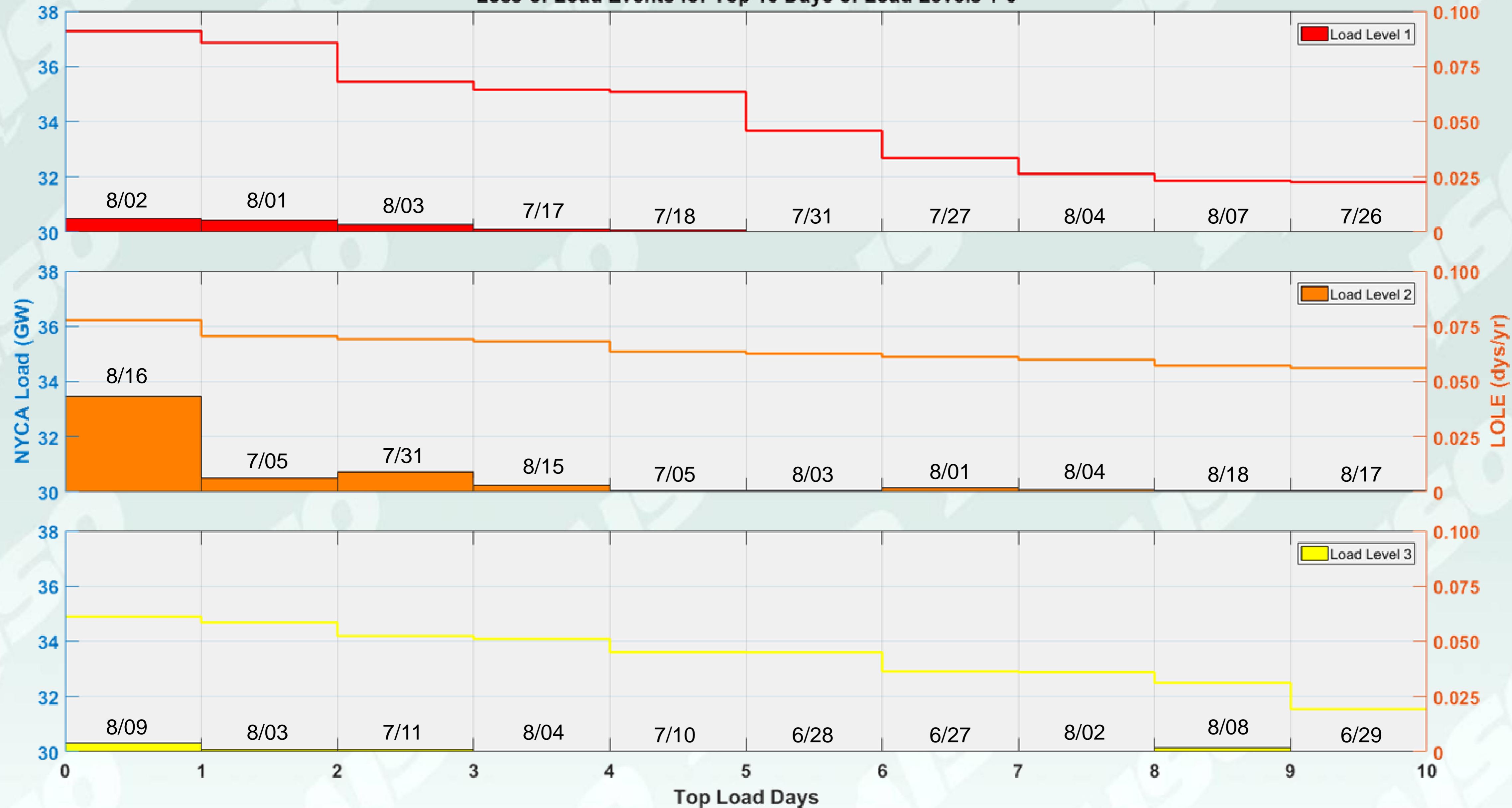
NOTE: There are events occurring in May, June, September, and October that are negligible.

IRM 2017 PBC Results

NYCA LFU-Adjusted Load (MW)

Load Level	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	24,514	24,551	24,341	21,404	28,733	30,072	35,149	37,278	25,858	23,788	23,566	25,546
2	22,467	21,963	21,475	23,415	25,130	33,442	35,641	36,223	31,165	27,627	23,236	25,252
3	23,841	24,885	24,340	20,758	26,521	33,596	34,186	34,891	31,057	27,693	22,513	24,600
4	23,418	24,444	23,909	20,390	25,187	31,908	32,466	33,127	29,500	26,302	22,114	24,164
5	22,879	23,881	23,358	19,920	23,775	30,121	30,646	31,262	27,853	24,830	21,604	23,607
6	22,151	23,121	22,615	19,287	22,337	28,299	28,789	29,360	26,175	23,329	20,917	22,856
7	21,236	22,166	21,681	18,490	21,023	26,634	27,094	27,630	24,638	21,962	20,053	21,912

Loss of Load Events for Top 10 Days of Load Levels 1-3



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- *Maintaining and enhancing regional reliability*
- *Operating open, fair and competitive wholesale electricity markets*
- *Planning the power system for the future*
- *Providing factual information to policy makers, stakeholders and investors in the power system*

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