



Preliminary 2016 Weather Adjustment for the NYSRC 2017 Installed Reserve Margin Study (Update)

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Rensselaer, NY

2016 Weather Adjusted Peaks & Comparison to 2016 ICAP Forecast

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Transmission District	2016 Actual MW, 8/11/2016 HB 16	Estimated Muni Self-Gen	Demand Response Estimate MW	Weather Adjustment MW	2016 Weather Normalized MW	Loss Reallocation MW	2016 WN MW, Adj for Losses	2016 ICAP Forecast MW	Over /Under MW	Percent Over /Under
Gen. Hudson	1,022	0	4	43	1,069	-7	1,062	1,104	-42	-3.9%
Con Ed	12,652	0	3	795	13,450	165	13,615	13,705	-89	-0.7%
LIPA	5,190	0	0	249	5,438	42	5,480	5,491	-11	-0.2%
NGrid	7,004	0	153	-59	7,098	-208	6,890	6,776	114	1.6%
NYPA	328	0	0	0	328	4	332	336	-4	-1.1%
NYSEG	3,174	0	8	85	3,267	-17	3,250	3,192	59	1.8%
O&R	1,028	0	0	135	1,163	9	1,172	1,164	8	0.7%
RG&E	1,598	0	8	-46	1,560	11	1,571	1,591	-20	-1.3%
Grand Total	31,996	0	176	1,201	33,373	0	33,373	33,359	14	0.0%

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Locality	2016 Actual MW	Estimated Muni Self-Gen	Demand Response Estimate MW	Locality Weather Adjustment MW	2016 Adjusted MW	2016 ICAP Forecast MW	Over/Under MW	Percent Over/Under
Zone J - NYC	10,990	0	3	657	11,650	11,794	144	1.2%
Zone K - LI	5,394	0	50	34	5,478	5,479	1	0.0%
Zone GHIJ	15,141	0	3	980	16,124	16,309	185	1.1%

2017 Coincident Peak Forecasts by Transmission District

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10a)	(10b)	(10c)	
Transmission District	2016 Actual MW	2016 Estimated SCR & Muni Self-Gen	SCR/EDRP Estimate MW	Weather Adjustment MW	2016 Weather Normalized MW	Loss Reallocation MW	2016 WN MW, Adj for Losses	Regional Load Growth Factors	Apply RLGf to WN Peak	Other Adjustments to Load	2017 IRM Preliminary Forecast	
Cen. Hudson	1,022	0	4	43	1,069	0	1,069	1.0020	1,071		1,071	
Con Ed	12,652	0	3	795	13,450	0	13,450	1.0015	13,470		13,470	
LIPA	5,190	0	0	249	5,438	0	5,438	0.9947	5,409		5,409	
NGrid	7,004	0	153	-59	7,098	0	7,098	1.0060	7,140	-43	7,097	
NYPA	328	0	0	0	328	0	328	1.0000	328		328	
NYSEG	3,174	0	8	85	3,267	0	3,267	1.0030	3,277		3,277	
O&R	1,028	0	0	135	1,163	0	1,163	1.0035	1,167		1,167	
RG&E	1,598	0	8	-46	1,560	0	1,560	1.0040	1,566		1,566	
Grand Total	31,996	0	176	1,201	33,373	0	33,373	1.0017	33,428	-43	33,385	
											2017 Gold Book Forecast	33,363
											Change from Gold book	22

2017 Locality Peak Forecasts (Non-Coincident)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Locality	2016 Actual MW	2016 Estimated Muni Self-Gen	SCR/EDRP Estimate MW	Weather Adjustment MW	2016 Weather Normalized MW	Regional Load Growth Factors	2017 IRM Preliminary Forecast	2017 Gold Book Forecast	Change from 2017 Gold Book
Zone J - NYC	10,990	0	3	657	11,650	1.0013	11,665	11,795	-130
Zone K - LI	5,394	0	50	34	5,478	1.0015	5,450	5,422	28
Zone GHIJ	15,141	0	3	980	16,124	1.0020	16,156	16,313	-157

The mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefit to consumers by:

- *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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