



2016 Preliminary Weather Normalized MW for 2017 ICAP Forecast

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LFTF – Load Forecasting Task Force

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Rensselaer, NY

2016 Load Reconciliation	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	NYISO DSS Actual MW Data					Transmission Owner Load Data					
8/11/2016, Hour Beginning 4 PM	Actual Load	BPS Losses	Muni Gen	Load + Losses	Percent Losses	Actual Load Less Losses	Actual Losses	Actual Load With Losses	Weather Adjustments	Demand Response	TOs' W/N MW With DR
V1. 11/21/2016											
Central Hudson											
Central Hudson LSE Load						995.4	27.0	1,022.4	43.0	4.0	1,069.4
Transmission District Load Served						995.4	27.0	1,022.4	43.0	4.0	1,069.4
Deduction for BTM:NG							0.0	0.0			
Transmission District Total Load	995.4	27.0		1,022.4	2.6%	995.4	27.0	1,022.4			
Consolidated Edison											
Con-Ed LSE Load						12,574.7	87.8	12,662.5	685.0	3.0	13,350.5
Transmission District Load Served						12,574.7	87.8	12,662.5	685.0	3.0	13,350.5
Deduction for BTM:NG							0.0	0.0			
Transmission District Total Load	12,564.2	87.8		12,652.0	0.7%	12,574.7	87.8	12,662.5			
Long Island Power Authority											
LIPA LSE Load						5,121.1	61.7	5,182.8	248.7	0.0	5,431.5
NYPA Load & Greenport Load			0.0			6.7	0.1	6.8	0.3	0.0	7.1
Freeport & Rockville Centre Load			0.0				0.0	0.0	0.0	0.0	0.0
Transmission District Load Served						5,127.8	61.8	5,189.6	249.0	0.0	5,438.6
Deduction for BTM:NG							0.0	0.0			
Transmission District Total Load	5,127.8	61.8		5,189.6	1.2%	5,127.8	61.8	5,189.6			
New York Power Authority											
NYPA LSE Load						245.8	1.7	247.5		0.0	247.5
NYMPA Load						80.0	0.6	80.6		0.0	80.6
Transmission District Load Served						325.8	2.3	328.1	-0.4	0.0	327.7
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	325.8	2.3		328.1	0.7%	325.8	2.3	328.1			

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V1. 11/21/2016											
New York State Electric & Gas											
NYSEG LSE Load						2,979.9	77.4	3,057.3	45.1	8.0	3,110.3
NYPA Load						42.5	1.1	43.6	0.6	0.0	44.2
NYMPA Load						71.0	1.8	72.8	1.1	0.0	73.9
Transmission District Load Served						3,093.4	80.3	3,173.7	46.8	8.0	3,228.4
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	3,093.3	80.3		3,173.6	2.5%	3,093.4	80.3	3,173.7			
National Grid											
National Grid LSE						6,317.0	327.8	6,644.8	-55.5	153.0	6,742.3
NYPA Load						36.8	1.9	38.7	-0.3	0.0	38.4
NYMPA Load						284.2	14.7	298.9	-2.5	0.0	296.4
Jamestown Load			53.7			64.8	3.4	68.2	-0.6	0.0	67.6
Green Island Load						6.3	0.3	6.6	-0.1	0.0	6.5
Transmission District Load Served						6,709.1	348.1	7,057.2	-59.0	153.0	7,151.2
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	6,655.4	348.1	53.7	7,057.2	4.9%	6,709.1	348.1	7,057.2			
Orange & Rockland Utilities											
O&R LSE Load						1,020.0	11.4	1,031.4	135.0	0.0	1,166.4
Transmission District Load Served						1,020.0	11.4	1,031.4	135.0	0.0	1,166.4
Deduction for BTM:NG							0.0	0.0			
Transmission District Total Load	1,016.4	11.4		1,027.8	1.1%	1,020.0	11.4	1,031.4			
Rochester Gas & Electric											
RG&E LSE Load						1,565.2	20.6	1,585.8	-46.0	10.5	1,550.3
NYMPA Load						11.7	0.6	12.3		0.0	12.3
Transmission District Load Served						1,576.9	21.2	1,598.1	-46.0	10.5	1,562.6
Deduction for BTM:NG							0.0	0.0			
Transmission District Total Load	1,576.9	21.2		1,598.1	1.3%	1,576.9	21.2	1,598.1			
Totals	31,355.2	639.9	53.7	32,048.8	2.0%	31,423.0	639.9	32,062.9	1,053.4	178.5	33,294.8

2016 Load Reconciliation	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	Reallocation of Losses					Proportional Allocation of Losses	Adj. W/N Load Less Losses	2016 Adjusted Actual Load (MW)	2016 (1 + WNF)	2016 Adj Load Prior to Loss Adjustment
8/11/2016, Hour Beginning 4 PM	TOs' W/N MW With DR	W/N Losses	Station Power	Adj. W/N Load Less Losses	Percent Loss Allocation					
V1. 11/21/2016										
Central Hudson										
Central Hudson LSE Load	1,069.4	28.2		1,041.2	3.19%	20.9	1,041.2	1,062.1		
Transmission District Load Served	1,069.4	28.2		1,041.2	3.19%	20.9	1,041.2	1,062.1	1.0670	1,069.4
Deduction for BTM:NG										
Transmission District Total Load										
Consolidated Edison										
Con-Ed LSE Load	13,350.5	92.6	0.0	13,257.9	40.64%	266.7	13,257.9	13,524.6		
Transmission District Load Served	13,350.5	92.6	0.0	13,257.9	40.64%	266.7	13,257.9	13,524.6	1.0755	13,350.5
Deduction for BTM:NG										
Transmission District Total Load										
Long Island Power Authority										
LIPA LSE Load	5,431.5	64.7		5,366.8	16.46%	108.00	5,366.80	5,474.8		
NYPA Load & Greenport Load	7.1	0.1		7.0	0.02%	0.10	7.00	7.1		
Freeport & Rockville Centre Load	0.0	0.0		0.0	0.00%	0.00	0.00	0.0		
Transmission District Load Served	5,438.6	64.8		5,373.8	16.48%	108.1	5,373.8	5,481.9	1.0691	5,438.6
Deduction for BTM:NG										
Transmission District Total Load										
New York Power Authority										
NYPA LSE Load	247.5	1.3		246.2	0.75%	4.9	246.2	251.1		
NYMPA Load	80.6	1.0		79.6	0.24%	1.6	79.6	81.2		
Transmission District Load Served	327.7	2.3		325.8	1.00%	6.5	325.8	332.3	1.0200	327.7
Deduction for BTM:NG										
Transmission District Total Load										

2016 Load Reconciliation	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	Reallocation of Losses					Proportional	Adj. W/N	2016	2016	2016 Adj Load
8/11/2016, Hour Beginning 4 PM	TOs' W/N MW	W/N	Station	Adj. W/N Load	Percent Loss	Allocation	Load Less	Adjusted Actual	(1 + WNF)	Prior to
VI. 11/21/2016	With DR	Losses	Power	Less Losses	Allocation	of Losses	Losses	Load (MW)		Loss Adjustment
New York State Electric & Gas										
NYSEG LSE Load	3,110.3	80.3		3,030.0	9.29%	60.9	3,030.0	3,090.9		
NYPA Load	44.2	0.5		43.7	0.13%	0.9	43.7	44.6		
NYMPA Load	73.9	0.9		73.0	0.22%	1.4	73.0	74.4		
Transmission District Load Served	3,228.4	81.7		3,146.7	9.65%	63.2	3,146.7	3,209.9	1.0377	3,228.4
Deduction for BTM:NG										
Transmission District Total Load										
National Grid										
National Grid LSE	6,742.3	347.5	26.1	6,368.7	19.53%	128.1	6,368.7	6,496.8		
NYPA Load	38.4	0.5		37.9	0.12%	0.8	37.9	38.7		
NYMPA Load	296.4	3.7		292.7	0.90%	5.9	292.7	298.6		
Jamestown Load	67.6	0.9		66.7	0.20%	1.3	66.7	68.0		
Green Island Load	6.5	0.1		6.4	0.02%	0.1	6.4	6.5		
Transmission District Load Served	7,151.2	352.7	26.1	6,772.4	20.77%	136.2	6,772.4	6,908.6	1.0297	7,125.1
Deduction for BTM:NG										
Transmission District Total Load										
Orange & Rockland Utilities										
O&R LSE Load	1,166.4	12.9		1,153.5	3.54%	23.2	1,153.5	1,176.7		
Transmission District Load Served	1,166.4	12.9		1,153.5	3.54%	23.2	1,153.5	1,176.7	1.1536	1,166.4
Deduction for BTM:NG										
Transmission District Total Load										
Rochester Gas & Electric										
RG&E LSE Load	1,550.3	20.5		1,529.8	4.69%	30.8	1,529.8	1,560.6		
NYMPA Load	12.3	0.2		12.1	0.04%	0.3	12.1	12.4		
Transmission District Load Served	1,562.6	20.7		1,541.9	4.73%	31.1	1,541.9	1,573.0	0.9975	1,562.6
Deduction for BTM:NG										
Transmission District Total Load										
Totals	33,294.8	655.90	26.1	32,613.20	100.00%	655.90	32,613.20	33,269.1	1.0587	33,268.7

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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