

Preliminary 2024 ICAP Forecast

Max Schuler

Demand Forecasting & Analysis

Load Forecasting Task Force

December 5, 2023

Agenda

- **Summary of updates since IRM forecast**
- **Regional Load Growth Factor (RLGF) Updates**
- **Proportional Loss Reallocation**
- **2023 Weather Normalized Peak Load**
- **2024 Preliminary ICAP Forecast**
- **Forecast Reference Tables**
- **Next Steps**

Summary of Updates since IRM Forecast

- Updated peak hour load values, municipal load and self generation values, demand response impacts, weather adjustments, and National Grid station power deduction
- Resulting changes to Transmission District 2023 weather normalized coincident peak values relative to the IRM forecast:
 - Increase: 164 MW in National Grid
 - Decreases: 237 MW in Con Ed, 1 MW in Central Hudson, 2 MW in NYPA, 2 MW in NYSEG, 1 MW in O&R, and 20 MW in RG&E
 - No change in the LIPA weather normalized peak to the nearest MW
 - NYCA Aggregate: 98 MW decrease
- Transmission Owner 2024 Regional Load Growth Factor (RLGF) and large load forecast updates relative to the IRM forecast:
 - Increased RLGFs in Con Ed, LIPA, National Grid, NYSEG, O&R, and RG&E
 - Decreased RLGFs in Central Hudson and NYPA
 - NYSEG summer 2024 large load forecast revised from 50 MW in the IRM forecast to 0 MW in the ICAP forecast
- Resulting changes in 2024 coincident peak forecast relative to the IRM forecast:
 - Increases: 2 MW in LIPA, 161 MW in National Grid, and 24 MW in O&R
 - Decreases: 46 MW in Con Ed, 8 MW in Central Hudson, 2 MW in NYPA, 26 MW in NYSEG, and 16 MW in RG&E
 - NYCA Coincident Peak Forecast: 90 MW increase

2024 Regional Load Growth Factor Updates

Transmission District	IRM 1+RLGF	ICAP Forecast 1+RLGF
Con Edison	1.0029	1.0185
Central Hudson	0.9940	0.9869
LIPA	0.9770	0.9775
National Grid	1.0000	1.0012
NYPA	1.0030	1.0000
NYSEG	0.9979	1.0065
O&R	0.9940	1.0172
RG&E	0.9965	0.9994

Note: RLGFs do not include large load growth

Proportional Loss Reallocation

- For the statewide ICAP Market peak load forecast, bulk power system losses are reallocated among the Transmission Districts proportional to their weather normalized peak loads (less losses). Under this approach, bulk power system losses are shared equitably among Transmission Owners according to their share of the total statewide peak load.
- For the ICAP Locality peak forecasts (Zone J, Zone K, and Zones G-to-J), there is no reallocation of bulk power system losses. These forecasts include local (i.e., Transmission District) bulk power system losses as found. This approach provides that the Locality peak forecasts accurately estimate the total load expected in the Locality during the Locality peak hour.
- As supporting material, the 2024 NYCA-Coincident peak load forecast by Transmission District is also presented. This forecast represents the expected coincident peak load by Transmission District and Zone during the hour of the NYCA peak, including local bulk power system losses as found (no loss reallocation). This forecast is analogous to those used for planning studies, the IRM study, and other purposes, and is typically the forecast presented in other NYISO materials (for example, the summer coincident peak forecast in the Gold Book).

2023 Weather Normalized Peak Load

2023 Load Reconciliation	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	NYISO DSS Actual MW Data					Transmission District Load Data					
7/28/2023, Hour Beginning 5 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
Consolidated Edison											
Con-Ed LSE Load						10,910.7	143.7	11,054.4	1,052.4	183.7	12,290.5
Transmission District Load Served						10,910.7	143.7	11,054.4	1,052.4	183.7	12,290.5
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	10,910.7	143.7		11,054.4	1.3%	10,910.7	143.7	11,054.4			
Central Hudson											
Central Hudson LSE Load						955.0	31.0	986.0	61.4	0.0	1,047.4
Transmission District Load Served						955.0	31.0	986.0	61.4	0.0	1,047.4
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	957.2	31.0		988.2	3.1%	955.0	31.0	986.0			
Long Island Power Authority											
LIPA LSE Load						4,672.8	50.9	4,723.7	103.0	11.4	4,838.1
NYPA Load & Greenport Load						128.3	1.4	129.7	2.8	0.0	132.5
Freeport & Rockville Centre Load			4.5			103.4	1.1	104.5	2.3	0.0	106.8
Transmission District Load Served						4,904.5	53.4	4,957.9	108.1	11.4	5,077.4
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	4,902.2	53.4	4.5	4,960.1	1.1%	4,904.5	53.4	4,957.9			
National Grid											
National Grid LSE						5,378.2	309.8	5,688.0	537.5	165.9	6,391.4
NYPA Load						43.1	2.5	45.6	4.3	0.0	49.9
NYMPA Load						271.0	15.6	286.6	27.1	0.0	313.7
Jamestown Load			51.3			58.2	3.4	61.6	5.8	0.0	67.4
Transmission District Load Served						5,750.5	331.3	6,081.8	574.7	165.9	6,822.4
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	5,699.0	331.3	51.3	6,081.6	5.4%	5,750.5	331.3	6,081.8			
Totals	28,086.2	631.4	55.8	28,773.4	2.2%	28,139.2	631.4	28,770.6	2,088.3	440.6	31,299.5

Note: The National Grid load reconciliation reflects the transfer of Green Island Power Authority load to NYPA effective July 2023

2023 Load Reconciliation	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	NYISO DSS Actual MW Data					Transmission District Load Data					
7/28/2023, Hour Beginning 5 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
V4 - 11/28/23											
New York Power Authority											
NYPA LSE Load						423.1	5.6	428.7	1.5	0.0	430.2
NYMPA Load						54.6	0.7	55.3	0.4	0.0	55.7
Transmission District Load Served						477.7	6.3	484.0	1.9	0.0	485.9
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	476.2	6.3		482.5	1.3%	477.7	6.3	484.0			
New York State Electric & Gas											
NYSEG LSE Load						2,723.7	41.5	2,765.2	86.4	74.4	2,926.0
NYPA Load						56.1	0.9	57.0	1.8	0.0	58.8
NYMPA Load						56.5	0.9	57.4	1.8	0.0	59.2
Transmission District Load Served						2,836.3	43.3	2,879.6	90.0	74.4	3,044.0
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	2,836.4	43.3		2,879.7	1.5%	2,836.3	43.3	2,879.6			
Orange & Rockland Utilities											
O&R LSE Load						965.4	9.0	974.4	99.0	5.2	1,078.6
Transmission District Load Served						965.4	9.0	974.4	99.0	5.2	1,078.6
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	965.4	9.0		974.4	0.9%	965.4	9.0	974.4			
Rochester Gas & Electric											
RG&E LSE Load						1,328.3	13.3	1,341.6	100.0	0.0	1,441.6
NYMPA Load						10.8	0.1	10.9	0.8	0.0	11.7
Transmission District Load Served						1,339.1	13.4	1,352.5	100.8	0.0	1,453.3
Deduction for BTM:NG						0.0	0.0	0.0			
Transmission District Total Load	1,339.1	13.4		1,352.5	1.0%	1,339.1	13.4	1,352.5			
Totals	28,086.2	631.4	55.8	28,773.4	2.2%	28,139.2	631.4	28,770.6	2,088.3	440.6	31,299.5

2023 Load Reconciliation	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	
	7/28/2023, Hour Beginning 5 PM V4 - 11/28/23	TOs' W/N MW With DR	Reallocation of Losses				Proportional	Adj. W/N	2023	2023	2023 Adj Load	2023 Adj Load
			W/N Losses	Station Power	Adj. W/N Load Less Losses	Percent Loss Allocation	Allocation of Losses	Load Less Losses	Adjusted Actual Load (MW)	BTM:NG (1 + WN)	Prior to Loss Adjustment	Prior to Large Loads
Consolidated Edison												
Con-Ed LSE Load	12,290.5	159.8		12,130.7	39.65%	275.6	12,130.7	12,406.3				
Transmission District Load Served	12,290.5	159.8		12,130.7	39.65%	275.6	12,130.7	12,406.3	1.0227	12,290.5	12,406.3	
Deduction for BTM:NG												
Transmission District Total Load												
Central Hudson												
Central Hudson LSE Load	1,047.4	32.9		1,014.5	3.32%	23.1	1,014.5	1,037.6				
Transmission District Load Served	1,047.4	32.9		1,014.5	3.32%	23.1	1,014.5	1,037.6	1.0227	1,047.4	1,037.6	
Deduction for BTM:NG												
Transmission District Total Load												
Long Island Power Authority												
LIPA LSE Load	4,838.1	52.1		4,786.0	15.64%	108.8	4,786.0	4,894.8				
NYPA Load & Greenport Load	132.5	1.4		131.1	0.43%	3.0	131.1	134.1				
Freeport & Rockville Centre Load	106.8	1.2		105.6	0.35%	2.4	105.6	108.0				
Transmission District Load Served	5,077.4	54.7		5,022.7	16.42%	114.2	5,022.7	5,136.9	1.0227	5,077.4	5,136.9	
Deduction for BTM:NG												
Transmission District Total Load												
National Grid												
National Grid LSE	6,391.4	347.5	11.4	6,032.5	19.72%	137.2	6,032.5	6,169.7				
NYPA Load	49.9	2.8		47.1	0.15%	1.0	47.1	48.1				
NYMPA Load	313.7	17.5		296.2	0.97%	6.7	296.2	302.9				
Jamestown Load	67.4	3.8		63.6	0.21%	1.5	63.6	65.1				
Transmission District Load Served	6,822.4	371.6	11.4	6,439.4	21.05%	146.4	6,439.4	6,585.8	1.0227	6,811.0	6,583.4	
Deduction for BTM:NG												
Transmission District Total Load												
Totals	31,299.5	695.5	11.4	30,592.6	100.00%	695.5	30,592.6	31,288.1	1.0227	31,288.1	31,133.6	

Note: The National Grid load reconciliation reflects the transfer of Green Island Power Authority load to NYPA effective July 2023

2023 Load Reconciliation	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	
	7/28/2023, Hour Beginning 5 PM	TOs' W/N MW With DR	Reallocation of Losses				Proportional	Adj. W/N	2023	2023	2023 Adj Load	2023 Adj Load
			W/N Losses	Station Power	Adj. W/N Load Less Losses	Percent Loss Allocation	Allocation of Losses	Load Less Losses	Adjusted Actual Load (MW)	BTM:NG (1 + WNF)	Prior to Loss Adjustment	Prior to Large Loads
New York Power Authority												
NYPA LSE Load	430.2	5.6		424.6	1.39%	9.7	424.6	434.3				
NYMPA Load	55.7	0.7		55.0	0.18%	1.3	55.0	56.3				
Transmission District Load Served	485.9	6.3		479.6	1.57%	11.0	479.6	490.6	1.0227	485.9	338.5	
Deduction for BTM:NG												
Transmission District Total Load												
New York State Electric & Gas												
NYSEG LSE Load	2,926.0	44.0		2,882.0	9.42%	65.5	2,882.0	2,947.5				
NYPA Load	58.8	0.9		57.9	0.19%	1.3	57.9	59.2				
NYMPA Load	59.2	0.9		58.3	0.19%	1.3	58.3	59.6				
Transmission District Load Served	3,044.0	45.8		2,998.2	9.80%	68.1	2,998.2	3,066.3	1.0227	3,044.0	3,066.3	
Deduction for BTM:NG												
Transmission District Total Load												
Orange & Rockland Utilities												
O&R LSE Load	1,078.6	10.0		1,068.6	3.49%	24.3	1,068.6	1,092.9				
Transmission District Load Served	1,078.6	10.0		1,068.6	3.49%	24.3	1,068.6	1,092.9	1.0227	1,078.6	1,092.9	
Deduction for BTM:NG												
Transmission District Total Load												
Rochester Gas & Electric												
RG&E LSE Load	1,441.6	14.3		1,427.3	4.67%	32.5	1,427.3	1,459.8				
NYMPA Load	11.7	0.1		11.6	0.04%	0.3	11.6	11.9				
Transmission District Load Served	1,453.3	14.4		1,438.9	4.70%	32.8	1,438.9	1,471.7	1.0227	1,453.3	1,471.7	
Deduction for BTM:NG												
Transmission District Total Load												
Totals	31,299.5	695.5	11.4	30,592.6	100.00%	695.5	30,592.6	31,288.1	1.0227	31,288.1	31,133.6	

2024 Preliminary ICAP Forecast

2024 New York Control Area ICAP Market Peak Load Forecast (MW)

11/28/2023 V4	Transmission Districts	2023 Adjusted Actual Load* (Weather Norm.)	2023 Adj Load Prior to Large Loads*	(1 + Regional Load Growth Factor)	2024 NYCA Peak Load Before Adjustments *	2024 Large Load Forecast	2024 ICAP Market Forecast *	2024 Locality Forecasts ^		
								J Locality	K Locality	G-J Locality
Consolidated Edison		12,406.3	12,406.3	1.01854	12,636.3	0.0	12,636.3	11,104.1		12,696.1
Central Hudson		1,037.6	1,037.6	0.98690	1,024.0	0.0	1,024.0			1,044.8
Long Island Power Authority		4,894.8	4,894.8	0.97747	4,784.5	0.0	4,784.5			
NYPA & Greenport		134.1	134.1	0.97747	131.1	0.0	131.1			
Freeport & Rockville Centre		108.0	108.0	0.97747	105.6	0.0	105.6			
LIPA Total		5,136.9	5,136.9	0.97747	5,021.2	0.0	5,021.2		5,043.5	
National Grid		6,169.7	6,167.3	1.00120	6,174.7	259.0	6,433.7			
NYPA		48.1	48.1	1.00120	48.2	0.0	48.2			
NYMPA		302.9	302.9	1.00120	303.3	0.0	303.3			
Jamestown		65.1	65.1	1.00120	65.2	0.0	65.2			
National Grid Total		6,585.8	6,583.4	1.00120	6,591.4	259.0	6,850.4			
New York Power Authority		434.3	282.2	1.00000	282.2	169.0	451.2			
NYMPA		56.3	56.3	1.00000	56.3	0.0	56.3			
NYPA Total		490.6	338.5	1.00000	338.5	169.0	507.5			
New York State Electric & Gas		2,947.5	2,947.5	1.00649	2,966.6	0.0	2,966.6			
NYPA		59.2	59.2	1.00649	59.6	0.0	59.6			
NYMPA		59.6	59.6	1.00649	60.0	0.0	60.0			
NYSEG Total		3,066.3	3,066.3	1.00649	3,086.2	0.0	3,086.2			366.9
Orange & Rockland Utilities		1,092.9	1,092.9	1.01724	1,111.7	0.0	1,111.7			1,112.8
Rochester Gas & Electric		1,459.8	1,459.8	0.99938	1,458.9	0.0	1,458.9			
NYMPA		11.9	11.9	0.99938	11.9	0.0	11.9			
RG&E Total		1,471.7	1,471.7	0.99938	1,470.8	0.0	1,470.8			
Total Load in NYCA or Locality		31,288.1	31,133.6	1.00471	31,280.1	428.0	31,708.1	11,104.1	5,043.5	15,220.6

Notes

* Including Reallocated Bulk Power System Losses

^ No Loss Reallocation

BTM:NG Resource loads are not included in these forecasts

Forecast Reference Tables

2024 New York Control Area Coincident Peak Load Forecast (MW)							
Reference Forecast Without Proportional Loss Reallocation							
11/28/2023 V4	Transmission Districts	2023 Weather Normalized MW Load + Losses ^	2023 WN Load Prior to Large Loads ^	(1 + Regional Load Growth Factor)	2024 NYCA Peak Load Before Adjustments ^	2024 Large Load Forecast	2024 NYCA Coincident Peak Forecast ^
Consolidated Edison		12,290.5	12,290.5	1.01854	12,518.4	0.0	12,518.4
Central Hudson		1,047.4	1,047.4	0.98690	1,033.7	0.0	1,033.7
Long Island Power Authority		4,838.1	4,838.1	0.97747	4,729.1	0.0	4,729.1
NYPA & Greenport		132.5	132.5	0.97747	129.5	0.0	129.5
Freeport & Rockville Centre		106.8	106.8	0.97747	104.4	0.0	104.4
LIPA Total		5,077.4	5,077.4	0.97747	4,963.0	0.0	4,963.0
National Grid		6,380.0	6,377.6	1.00120	6,385.3	259.0	6,644.3
NYPA		49.9	49.9	1.00120	50.0	0.0	50.0
NYMPA		313.7	313.7	1.00120	314.1	0.0	314.1
Jamestown		67.4	67.4	1.00120	67.5	0.0	67.5
National Grid Total		6,811.0	6,808.6	1.00120	6,816.8	259.0	7,075.8
New York Power Authority		430.2	278.1	1.00000	278.1	169.0	447.1
NYMPA		55.7	55.7	1.00000	55.7	0.0	55.7
NYPA Total		485.9	333.8	1.00000	333.8	169.0	502.8
New York State Electric & Gas		2,926.0	2,926.0	1.00649	2,945.0	0.0	2,945.0
NYPA		58.8	58.8	1.00649	59.2	0.0	59.2
NYMPA		59.2	59.2	1.00649	59.6	0.0	59.6
NYSEG Total		3,044.0	3,044.0	1.00649	3,063.8	0.0	3,063.8
Orange & Rockland Utilities		1,078.6	1,078.6	1.01724	1,097.2	0.0	1,097.2
Rochester Gas & Electric		1,441.6	1,441.6	0.99938	1,440.7	0.0	1,440.7
NYMPA		11.7	11.7	0.99938	11.7	0.0	11.7
RG&E Total		1,453.3	1,453.3	0.99938	1,452.4	0.0	1,452.4
NYCA Coincident Peak Load		31,288.1	31,133.6	1.00467	31,279.1	428.0	31,707.1

Notes

^ No Loss Reallocation

BTM:NG Resource loads are not included in these forecasts

The NYCA Coincident Peak forecast differs from the NYCA ICAP Market forecast due to the application of Transmission District RLGs prior to proportional reallocation of bulk power system losses.

(1) 2023 Actual Coincident Peak in G to J Locality

7/28/2023, HB 17

Transmission District	G	H	I	J	G-to-J Total
Con Edison		236.2	1,181.3	9,636.9	11,054.4
Cen Hudson	983.2				983.2
LIPA					
Nat. Grid					
NYPA					
NYSEG	15.4	322.3			337.7
O&R	974.4				974.4
RG&E					
Total	1,973.0	558.5	1,181.3	9,636.9	13,349.7

(2) 2023 Weather-Adjusted Coincident Peak in G to J Locality

Transmission District	G	H	I	J	G-to-J Total
Con Edison		272.8	1,355.6	10,662.1	12,290.5
Cen Hudson	1,043.9				1,043.9
LIPA					
Nat. Grid					
NYPA					
NYSEG	19.2	340.3			359.5
O&R	1,078.6				1,078.6
RG&E					
Total	2,141.7	613.1	1,355.6	10,662.1	14,772.5

(3) 2023 Weather-Adjusted Locality Peak for G-to-J

Transmission District	G	H	I	J	G-to-J Total
Con Edison		276.7	1,374.8	10,813.5	12,465.0
Cen Hudson	1,058.7				1,058.7
LIPA					
Nat. Grid					
NYPA					
NYSEG	19.5	345.1			364.6
O&R	1,093.9				1,093.9
RG&E					
Total	2,172.1	621.8	1,374.8	10,813.5	14,982.2
NCP/CP ratio	1.0142	1.0142	1.0142	1.0142	

(4) 2024 Peak Forecast for G-to-J Locality

Prior to BTM:NG Resources

Transmission District	G	H	I	J	G-to-J Total	RLGF
Con Edison		281.8	1,400.3	11,014.0	12,696.1	1.0185
Cen Hudson	1,044.8				1,044.8	0.9869
LIPA						
Nat. Grid						
NYPA						
NYSEG	19.6	347.3			366.9	1.0065
O&R	1,112.8				1,112.8	1.0172
RG&E						
Total	2,177.2	629.1	1,400.3	11,014.0	15,220.6	1.0159

No Loss Reallocation

Zone J and K Locality Peaks, Prior to BTM:NG Resources

Locality	2023 Locality Peak Actual Load	Municipal Self-Generation	Demand Response	2023 Locality Peak Total Load	Locality Weather Adjustment
Zone J Locality	10,064.0	0.0	6.4	10,070.4	831.6
Zone K Locality	4,957.9	4.5	11.4	4,973.8	185.9

Locality	2023 Weather Adjusted Coincident Peak	Locality NCP to CP Ratio	2023 Locality Weather Adjusted Peak	Regional Load Growth Factor	2024 Locality Forecast
Zone J Locality	10,662.1	1.0225	10,902.0	1.0185	11,104.1
Zone K Locality	5,077.4	1.0162	5,159.7	0.9775	5,043.5

No Loss Reallocation

2023 Weather-Normalized Coincident Peak Loads by Transmission District and Zone, Prior to Proportional Allocation of Losses

	A	B	C	D	E	F	G	H	I	J	K	Total
Con Edison								272.8	1,355.6	10,662.1		12,290.5
Cen Hudson					3.5		1,043.9					1,047.4
LIPA											5,077.4	5,077.4
Nat. Grid	1,972.3	405.3	1,282.6	90.1	896.5	2,164.2						6,811.0
NYPA				485.9								485.9
NYSEG	670.0		1,327.2	96.8	431.3	159.2	19.2	340.3				3,044.0
O&R							1,078.6					1,078.6
RG&E		1,453.3										1,453.3
Total	2,642.3	1,858.6	2,609.8	672.8	1,331.3	2,323.4	2,141.7	613.1	1,355.6	10,662.1	5,077.4	31,288.1

Includes station power deduction (National Grid Zone F).

2023 Weather-Normalized Coincident Peak Load, Prior to Proportional Allocation of Losses and Large Loads

	A	B	C	D	E	F	G	H	I	J	K	Total
Con Edison								272.8	1,355.6	10,662.1		12,290.5
Cen Hudson					3.5		1,043.9					1,047.4
LIPA											5,077.4	5,077.4
Nat. Grid	1,969.9	405.3	1,282.6	90.1	896.5	2,164.2						6,808.6
NYPA				333.8								333.8
NYSEG	670.0		1,327.2	96.8	431.3	159.2	19.2	340.3				3,044.0
O&R							1,078.6					1,078.6
RG&E		1,453.3										1,453.3
Total	2,639.9	1,858.6	2,609.8	520.7	1,331.3	2,323.4	2,141.7	613.1	1,355.6	10,662.1	5,077.4	31,133.6

Includes station power deduction (National Grid Zone F).

2024 Coincident Peak Forecast, Prior to Large Loads and BTM:NG Resources

	A	B	C	D	E	F	G	H	I	J	K	Total	RLGF
Con Edison								277.9	1,380.7	10,859.8		12,518.4	1.0185
Cen Hudson					3.5		1,030.2					1,033.7	0.9869
LIPA											4,963.0	4,963.0	0.9775
Nat. Grid	1,972.3	405.8	1,284.1	90.2	897.6	2,166.8						6,816.8	1.0012
NYPA				333.8								333.8	1.0000
NYSEG	674.3		1,336.0	97.4	434.1	160.2	19.3	342.5				3,063.8	1.0065
O&R							1,097.2					1,097.2	1.0172
RG&E		1,452.4										1,452.4	0.9994
Total	2,646.6	1,858.2	2,620.1	521.4	1,335.2	2,327.0	2,146.7	620.4	1,380.7	10,859.8	4,963.0	31,279.1	1.0047

No Loss Reallocation

2024 Coincident Peak Forecast, Including Large Loads, Prior to BTM:NG Resources

	A	B	C	D	E	F	G	H	I	J	K	Total
Con Edison								277.9	1,380.7	10,859.8		12,518.4
Cen Hudson					3.5		1,030.2					1,033.7
LIPA											4,963.0	4,963.0
Nat. Grid	2,067.3	555.8	1,286.1	90.2	909.6	2,166.8						7,075.8
NYPA				502.8								502.8
NYSEG	674.3		1,336.0	97.4	434.1	160.2	19.3	342.5				3,063.8
O&R							1,097.2					1,097.2
RG&E		1,452.4										1,452.4
Total	2,741.6	2,008.2	2,622.1	690.4	1,347.2	2,327.0	2,146.7	620.4	1,380.7	10,859.8	4,963.0	31,707.1

Large Loads	95.0	150.0	2.0	169.0	12.0							428.0
-------------	------	-------	-----	-------	------	--	--	--	--	--	--	--------------

These large load forecasts are included in the table above.

No Loss Reallocation. The NYCA Coincident Peak forecast of 31,707.1 MW differs from the ICAP Market forecast of 31,708.1 MW due to the application of the Transmission District RLGs prior to proportional reallocation of bulk power system losses.

2024 Non-Coincident Zonal Peak Forecasts, Prior to Large Loads and BTM:NG Resources											
	A	B	C	D	E	F	G	H	I	J	K
NC Peaks	2,745.3	1,900.2	2,691.4	535.4	1,372.6	2,373.5	2,193.3	634.4	1,411.8	11,104.1	5,043.5
2024 Large Load Forecast											
	A	B	C	D	E	F	G	H	I	J	K
Large Loads	95.0	150.0	2.0	169.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
2024 Non-Coincident Zonal Peak Forecasts, Including Large Loads, Prior to BTM:NG Resources											
	A	B	C	D	E	F	G	H	I	J	K
NC Peaks	2,840.3	2,050.2	2,693.4	704.4	1,384.6	2,373.5	2,193.3	634.4	1,411.8	11,104.1	5,043.5
NCP Ratios	1.0373	1.0226	1.0272	1.0269	1.0280	1.0200	1.0217	1.0225	1.0225	1.0225	1.0162

Next Steps

- Any updates to the 2023 weather normalized coincident or Locality peaks, or to the 2024 ICAP Market forecast, NYCA Coincident Peak forecast, or the Locality forecasts will be reviewed during the 12/19 LFTF
- The 12/19 LFTF presentation will include reporting on the final projected summer 2024 BTM:NG Resource loads

Questions?

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation