

2025 Installed Capacity Market Peak Load Forecast

Max Schuler

Demand Forecasting & Analysis

Load Forecasting Task Force

December 20, 2024

Agenda

- **Summary of Updates Relative to the 2025-2026 Installed Reserve Margin (IRM) Forecast**
- **2025 Regional Load Growth Factors (RLGFs)**
- **Proportional Loss Reallocation**
- **2024 Weather Normalized Peak Load**
- **2025 Installed Capacity (ICAP) Market Peak Load Forecast**
- **Forecast Reference Tables**
- **Final ICAP Market Forecast Posting**

Summary of Updates Relative to the 2025-2026 IRM Forecast

- **Updated peak load hour and weather normalization inputs:**
 - NYCA peak hour load data updates (7/8/2024, hour beginning 17)
 - Municipal load and self generation values and other fixed load values
 - Demand Response impacts
 - Weather adjustments
 - National Grid station power deduction
- **Updated Behind-the-Meter: Net Generation (BTM:NG) Resource data, weather normalization factors (1+WNF), and resulting ICAP forecast deductions:**
 - 0.5 MW deduction in National Grid
- **Resulting changes to Transmission District 2024 weather normalized coincident peak values relative to the 2025-26 IRM forecast:**
 - Decreases: Central Hudson (3 MW); Long Island Power Authority (LIPA) (2 MW); National Grid (13 MW); New York Power Authority (NYPA) (1 MW); New York State Electric & Gas (NYSEG) (14 MW); Orange & Rockland Utilities (O&R) (4 MW); and Rochester Gas & Electric (RG&E) (11 MW)
 - New York Control Area (NYCA) Aggregate Decrease: 48 MW

Summary of Updates Relative to the 2025-2026 IRM Forecast

- **Transmission Owner 2025 RLGF and large load forecast updates relative to the 2025-2026 IRM forecast:**
 - Increased RLGFs: LIPA, National Grid, NYPA, NYSEG, and O&R
 - Decreased RLGFs: Consolidated Edison and RG&E
 - National Grid summer 2025 large load forecast revised from 301 MW in the 2025-2026 IRM forecast to 268 MW in the 2025 ICAP forecast
 - NYPA summer 2025 large load forecast revised from 173 MW in the 2025-2026 IRM forecast to 166 MW in the 2025 ICAP forecast
 - O&R summer 2025 large load forecast revised from 19 MW in the 2025-2026 IRM forecast to 32 MW in the 2025 ICAP forecast
- **Resulting changes to Transmission District 2025 coincident peak forecasts relative to the 2025-2026 IRM forecast:**
 - Increases: LIPA (24 MW); NYPA (1 MW); NYSEG (25 MW); and O&R (31 MW)
 - Decreases: Consolidated Edison (29 MW); Central Hudson (3 MW); National Grid (27 MW); and RG&E (29 MW)
 - NYCA Aggregate Decrease: 8 MW
- **Resulting changes in 2025 Locality peak forecasts relative to the 2025-2026 IRM forecast:**
 - Increases: Zone K Locality (25 MW); G-to-J Locality (19 MW)
 - Decrease: Zone J Locality (21 MW)

2025 Final Regional Load Growth Factors

Transmission District	IRM Forecast 1+RLGF	ICAP Forecast 1+RLGF
Con Edison	1.0080	1.0056
Central Hudson	1.0090	1.0090
LIPA	0.9833	0.9885
National Grid	1.0000	1.0055
NYPA	1.0000	1.0132
NYSEG	0.9850	0.9978
O&R	1.0090	1.0270
RG&E	1.0020	0.9893

Note: RLGFs exclude large load growth

The final Orange & Rockland 1+RLGF of 1.0270 passes the NYISO Criteria evaluation presented during the 12/9/2024 LFTF and is accepted.

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 (Load Zone J, Load Zone K, and Load 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 allows the Locality peak forecasts to accurately estimate the total load expected in the Locality during the Locality peak hour.
- As supporting material, the 2025 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).

2024 Weather Normalized Peak Load

2024 Load Reconciliation		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
7/8/2024, Hour Beginning 5 PM		NYISO DSS Actual MW Data					Transmission District Load Data					
V6 - 12/18/2024		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							11,342.0	157.0	11,499.0	749.4	16.9	12,265.3
Transmission District Load Served							11,342.0	157.0	11,499.0	749.4	16.9	12,265.3
Deduction for BTM:NG							0.0	0.0	0.0			
Transmission District Total Load		11,342.0	157.0		11,499.0	1.4%	11,342.0	157.0	11,499.0			
Central Hudson												
Central Hudson LSE Load							1,005.5	30.5	1,036.0	52.7	0.0	1,088.7
Transmission District Load Served							1,005.5	30.5	1,036.0	52.7	0.0	1,088.7
Deduction for BTM:NG							0.0	0.0	0.0			
Transmission District Total Load		1,005.1	30.5		1,035.6	2.9%	1,005.5	30.5	1,036.0			
Long Island Power Authority												
LIPA LSE Load							4,626.1	45.9	4,672.0	162.7	0.0	4,834.7
NYPA Load & Greenport Load							114.4	1.1	115.5	4.0	0.0	119.5
Freeport & Rockville Centre Load							102.0	1.0	103.0	3.6	0.0	106.6
Transmission District Load Served							4,842.5	48.0	4,890.5	170.3	0.0	5,060.8
Deduction for BTM:NG							0.0	0.0	0.0			
Transmission District Total Load		4,831.9	48.0	15.1	4,895.0	1.0%	4,842.5	48.0	4,890.5			
National Grid												
National Grid LSE Load							5,284.4	289.0	5,573.4	449.7	343.9	6,367.0
NYPA Load							42.4	2.3	44.7	3.6	0.0	48.3
NYMPA Load							267.4	14.6	282.0	22.8	0.0	304.8
Jamestown Load							61.7	3.4	65.1	5.3	0.0	70.4
Transmission District Load Served							5,655.9	309.3	5,965.2	481.4	343.9	6,790.5
Deduction for BTM:NG							0.5	0.0	0.5			
Transmission District Total Load		5,618.0	309.3	38.4	5,965.7	5.2%	5,656.4	309.3	5,965.7			
Totals		28,282.7	612.0	53.5	28,948.2	2.1%	28,331.6	612.0	28,943.6	1,973.4	361.4	31,278.4

2024 Load Reconciliation		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
		NYISO DSS Actual MW Data					Transmission District Load Data						
7/8/2024, 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	
V6 - 12/18/2024													
New York Power Authority							283.9	1.4	285.3	157.7	0.0	443.0	
NYPA LSE Load							60.2	0.3	60.5	3.1	0.0	63.6	
NYMPA Load													
Transmission District Load Served							344.1	1.7	345.8	160.8	0.0	506.6	
Deduction for BTM:NG							0.0	0.0	0.0				
Transmission District Total Load		344.1	1.7	345.8	0.5%								
New York State Electric & Gas							2,701.4	44.6	2,746.0	129.0	0.0	2,875.0	
NYSEG LSE Load							55.9	0.9	56.8	2.7	0.0	59.5	
NYPA Load							56.7	0.9	57.6	2.7	0.0	60.3	
NYMPA Load													
Transmission District Load Served							2,814.0	46.4	2,860.4	134.4	0.0	2,994.8	
Deduction for BTM:NG		0.0	0.0	0.0									
Transmission District Total Load		2,814.0	46.4	2,860.4	1.6%								
Orange & Rockland Utilities							1,010.7	8.1	1,018.8	74.5	0.0	1,093.3	
O&R LSE Load							1,010.7	8.1	1,018.8	74.5	0.0	1,093.3	
Transmission District Load Served							0.0	0.0	0.0				
Deduction for BTM:NG							1,010.7	8.1	1,018.8				
Transmission District Total Load							1,010.7	8.1	1,018.8	0.8%			
Rochester Gas & Electric							1,305.8	10.9	1,316.7	148.6	0.6	1,465.9	
RG&E LSE Load							11.1	0.1	11.2	1.3	0.0	12.5	
NYMPA Load													
Transmission District Load Served							1,316.9	11.0	1,327.9	149.9	0.6	1,478.4	
Deduction for BTM:NG							0.0	0.0	0.0				
Transmission District Total Load		1,316.9	11.0	1,327.9	0.8%								
Totals		28,282.7	612.0	53.5	28,948.2	2.1%	28,331.6	612.0	28,943.6	1,973.4	361.4	31,278.4	

2024 Load Reconciliation		(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
			Reallocation of Losses				Proportional	Adj. W/N	2024	2024	2024 Adj Load	2024 Adj Load
7/8/2024, Hour Beginning 5 PM		TOs' W/N MW	W/N	Station	Adj. W/N Load	Percent Loss	Allocation	Load Less	Adjusted Actual	BTM:NG	Prior to	Prior to
V6 - 12/18/2024		With DR	Losses	Power	Less Losses	Allocation	of Losses	Losses	Load (MW)	(1 + WNF)	Loss Adjustment	WN Large Loads
Consolidated Edison												
Con-Ed LSE Load		12,265.3	167.5		12,097.8	39.55%	266.2	12,097.8	12,364.0			
Transmission District Load Served		12,265.3	167.5		12,097.8	39.55%	266.2	12,097.8	12,364.0	1.0274	12,265.3	12,364.0
Deduction for BTM:NG												
Transmission District Total Load												
Central Hudson												
Central Hudson LSE Load		1,088.7	32.1		1,056.6	3.45%	23.2	1,056.6	1,079.8			
Transmission District Load Served		1,088.7	32.1		1,056.6	3.45%	23.2	1,056.6	1,079.8	1.0216	1,088.7	1,079.8
Deduction for BTM:NG												
Transmission District Total Load												
Long Island Power Authority												
LIPA LSE Load		4,834.7	47.5		4,787.2	15.65%	105.4	4,787.2	4,892.6			
NYPA Load & Greenport Load		119.5	1.2		118.3	0.39%	2.6	118.3	120.9			
Freeport & Rockville Centre Load		106.6	1.0		105.6	0.35%	2.4	105.6	108.0			
Transmission District Load Served		5,060.8	49.7		5,011.1	16.38%	110.4	5,011.1	5,121.5	1.0296	5,060.8	5,121.5
Deduction for BTM:NG												
Transmission District Total Load												
National Grid												
National Grid LSE Load		6,367.0	329.1	14.4	6,023.5	19.69%	132.6	6,023.5	6,156.1			
NYPA Load		48.3	2.6		45.7	0.15%	1.0	45.7	46.7			
NYMPA Load		304.8	16.6		288.2	0.94%	6.3	288.2	294.5			
Jamestown Load		70.4	3.8		66.6	0.22%	1.5	66.6	68.1			
Transmission District Load Served		6,790.5	352.1	14.4	6,424.0	21.00%	141.4	6,424.0	6,565.4	1.4517	6,776.1	6,410.0
Deduction for BTM:NG												
Transmission District Total Load												
Totals		31,278.4	673.4	14.4	30,590.6	100.00%	673.4	30,590.6	31,264.0	1.0216	31,264.0	30,936.2

2024 Load Reconciliation	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
7/8/2024, Hour Beginning 5 PM	TOs' W/N MW With DR	Reallocation of Losses				Proportional	Adj. W/N	2024	2024	2024 Adj Load	2024 Adj Load
V6 - 12/18/2024		W/N	Station	Adj. W/N Load	Percent Loss	Allocation	Load Less	Adjusted Actual	BTM:NG	Prior to	Prior to
		Losses	Power	Less Losses	Allocation	of Losses	Losses	Load (MW)	(1 + WNF)	Loss Adjustment	WN Large Loads
New York Power Authority											
NYPA LSE Load	443.0	2.1		440.9	1.44%	9.7	440.9	450.6			
NYMPA Load	63.6	0.4		63.2	0.21%	1.4	63.2	64.6			
Transmission District Load Served	506.6	2.5		504.1	1.65%	11.1	504.1	515.2	1.0216	506.6	348.8
Deduction for BTM:NG											
Transmission District Total Load											
New York State Electric & Gas											
NYSEG LSE Load	2,875.0	46.6		2,828.4	9.25%	62.3	2,828.4	2,890.7			
NYPA Load	59.5	1.0		58.5	0.19%	1.3	58.5	59.8			
NYMPA Load	60.3	1.0		59.3	0.19%	1.3	59.3	60.6			
Transmission District Load Served	2,994.8	48.6		2,946.2	9.63%	64.9	2,946.2	3,011.1	1.0216	2,994.8	3,011.1
Deduction for BTM:NG											
Transmission District Total Load											
Orange & Rockland Utilities											
O&R LSE Load	1,093.3	8.7		1,084.6	3.55%	23.9	1,084.6	1,108.5			
Transmission District Load Served	1,093.3	8.7		1,084.6	3.55%	23.9	1,084.6	1,108.5	1.0216	1,093.3	1,102.5
Deduction for BTM:NG											
Transmission District Total Load											
Rochester Gas & Electric											
RG&E LSE Load	1,465.9	12.1		1,453.8	4.75%	32.0	1,453.8	1,485.8			
NYMPA Load	12.5	0.1		12.4	0.04%	0.3	12.4	12.7			
Transmission District Load Served	1,478.4	12.2		1,466.2	4.79%	32.3	1,466.2	1,498.5	1.0216	1,478.4	1,498.5
Deduction for BTM:NG											
Transmission District Total Load											
Totals	31,278.4	673.4	14.4	30,590.6	100.00%	673.4	30,590.6	31,264.0	1.0216	31,264.0	30,936.2

2025 ICAP Market Peak Load Forecast

2025 New York Control Area ICAP Market Peak Load Forecast (MW)										
12/18/2024 V6	Transmission Districts	2024 Adjusted Actual Load* (Weather Norm.)	2024 Adj Load Prior to Large Loads*	(1 + Regional Load Growth Factor)	2025 NYCA Peak Load Before Adjustments *	2025 Large Load Forecast	2025 ICAP Market Forecast *	2025 Locality Forecasts ^		
								J Locality	K Locality	G-J Locality
Consolidated Edison		12,364.0	12,364.0	1.00560	12,433.2	0.0	12,433.2	11,004.6		12,534.9
Central Hudson		1,079.8	1,079.8	1.00900	1,089.5	0.0	1,089.5			1,112.6
Long Island Power Authority		4,892.6	4,892.6	0.98850	4,836.3	0.0	4,836.3			
NYPA & Greenport		120.9	120.9	0.98850	119.5	0.0	119.5			
Freeport & Rockville Centre		108.0	108.0	0.98850	106.8	0.0	106.8			
LIPA Total		5,121.5	5,121.5	0.98850	5,062.6	0.0	5,062.6		5,079.3	
National Grid		6,156.1	6,000.7	1.00550	6,033.7	268.0	6,301.7			
NYPA		46.7	46.7	1.00550	47.0	0.0	47.0			
NYMPA		294.5	294.5	1.00550	296.1	0.0	296.1			
Jamestown		68.1	68.1	1.00550	68.5	0.0	68.5			
National Grid Total		6,565.4	6,410.0	1.00550	6,445.3	268.0	6,713.3			
New York Power Authority		450.6	284.2	1.00000	284.2	165.9	450.1			
NYMPA		64.6	64.6	1.07160	69.2	0.0	69.2			
NYPA Total		515.2	348.8	1.01320	353.4	165.9	519.3			
New York State Electric & Gas		2,890.7	2,890.7	0.99780	2,884.3	0.0	2,884.3			
NYPA		59.8	59.8	0.99780	59.7	0.0	59.7			
NYMPA		60.6	60.6	0.99780	60.5	0.0	60.5			
NYSEG Total		3,011.1	3,011.1	0.99780	3,004.5	0.0	3,004.5			391.3
Orange & Rockland Utilities		1,108.5	1,102.5	1.02700	1,132.3	32.2	1,164.5			1,167.3
Rochester Gas & Electric		1,485.8	1,485.8	0.98930	1,469.9	0.0	1,469.9			
NYMPA		12.7	12.7	0.98930	12.6	0.0	12.6			
RG&E Total		1,498.5	1,498.5	0.98930	1,482.5	0.0	1,482.5			
Total Load in NYCA or Locality		31,264.0	30,936.2	1.00217	31,003.3	466.1	31,469.4	11,004.6	5,079.3	15,206.1

Notes

* Including Reallocated Bulk Power System Losses

^ No Loss Reallocation

BTM:NG Resource loads are not included in these forecasts

Forecast Reference Tables

2025 New York Control Area Coincident Peak Load Forecast (MW)							
Reference Forecast Without Proportional Loss Reallocation							
12/18/2024 V6	Transmission Districts	2024 Weather Normalized MW Load + Losses ^	2024 WN Load Prior to Large Loads^	(1 + Regional Load Growth Factor)	2025 NYCA Peak Load Before Adjustments ^	2025 Large Load Forecast	2025 NYCA Coincident Peak Forecast ^
Consolidated Edison		12,265.3	12,265.3	1.00560	12,334.0	0.0	12,334.0
Central Hudson		1,088.7	1,088.7	1.00900	1,098.5	0.0	1,098.5
Long Island Power Authority		4,834.7	4,834.7	0.98850	4,779.3	0.0	4,779.3
NYPA & Greenport		119.5	119.5	0.98850	118.1	0.0	118.1
Freeport & Rockville Centre		106.6	106.6	0.98850	105.4	0.0	105.4
LIPA Total		5,060.8	5,060.8	0.98850	5,002.8	0.0	5,002.8
National Grid		6,352.6	6,197.2	1.00550	6,231.3	268.0	6,499.3
NYPA		48.3	48.3	1.00550	48.6	0.0	48.6
NYMPA		304.8	304.8	1.00550	306.5	0.0	306.5
Jamestown		70.4	70.4	1.00550	70.8	0.0	70.8
National Grid Total		6,776.1	6,620.7	1.00550	6,657.2	268.0	6,925.2
New York Power Authority		443.0	276.6	1.00000	276.6	165.9	442.5
NYMPA		63.6	63.6	1.07160	68.2	0.0	68.2
NYPA Total		506.6	340.2	1.01320	344.8	165.9	510.7
New York State Electric & Gas		2,875.0	2,875.0	0.99780	2,868.7	0.0	2,868.7
NYPA		59.5	59.5	0.99780	59.4	0.0	59.4
NYMPA		60.3	60.3	0.99780	60.2	0.0	60.2
NYSEG Total		2,994.8	2,994.8	0.99780	2,988.3	0.0	2,988.3
Orange & Rockland Utilities		1,093.3	1,087.3	1.02700	1,116.7	32.2	1,148.9
Rochester Gas & Electric		1,465.9	1,465.9	0.98930	1,450.2	0.0	1,450.2
NYMPA		12.5	12.5	0.98930	12.4	0.0	12.4
RG&E Total		1,478.4	1,478.4	0.98930	1,462.6	0.0	1,462.6
NYCA Coincident Peak Load		31,264.0	30,936.2	1.00222	31,004.9	466.1	31,471.0

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 RLGFs prior to proportional reallocation of bulk power system losses.

Final Zonal Load Shares

National Grid Load Shares

	Zone A	Zone B	Zone C	Zone D	Zone E	Zone F
IRM Forecast	26.70%	6.01%	19.79%	1.38%	13.46%	32.66%
ICAP Forecast	30.31%	5.68%	18.73%	1.30%	12.78%	31.20%

NYSEG Load Shares

	Zone A	Zone C	Zone D	Zone E	Zone F	Zone G	Zone H
IRM Forecast	21.32%	43.57%	3.28%	14.25%	5.31%	0.65%	11.62%
ICAP Forecast	23.09%	41.41%	3.07%	14.44%	5.11%	0.68%	12.20%

Con Ed Load Shares

	Zone H	Zone I	Zone J
IRM Forecast	2.07%	10.72%	87.21%
ICAP Forecast	2.06%	10.67%	87.27%

Notes:

Calculated IRM forecast shares are shown as presented during the 9/16/2024 LFTF, based on high load day metered load data from recent summers.

Final ICAP forecast shares include updated information from Transmission Owners, with sub-zonal demand response and Muni self-gen impacts applied directly by zone.

Final ICAP forecast shares are applied before large load growth, which is applied directly by sub-zone.

(1) 2024 Actual Coincident Peak in G to J Locality*7/8/2024, HB 17*

Transmission District	G	H	I	J	G-to-J Total
Con Edison		233.3	1,210.1	10,055.6	11,499.0
Cen Hudson	1,032.6				1,032.6
LIPA					
Nat. Grid					
NYPA					
NYSEG	18.8	340.6			359.4
O&R	1,018.8				1,018.8
RG&E					
Total	2,070.2	573.9	1,210.1	10,055.6	13,909.8

(2) 2024 Weather-Adjusted Coincident Peak in G to J Locality

Transmission District	G	H	I	J	G-to-J Total
Con Edison		252.6	1,309.0	10,703.7	12,265.3
Cen Hudson	1,085.0				1,085.0
LIPA					
Nat. Grid					
NYPA					
NYSEG	20.4	365.4			385.8
O&R	1,093.3				1,093.3
RG&E					
Total	2,198.7	618.0	1,309.0	10,703.7	14,829.4

Notes:

No loss reallocation.

Weather-adjusted G-to-J Locality peak includes 512.3 MW of Demand Response during the Locality peak hour (7/16/2024, HB 17).

26.2 MW of large load growth in O&R Zone G.

(3) 2024 Weather-Adjusted Locality Peak for G-to-J

Transmission District	G	H	I	J	G-to-J Total
Con Edison		256.7	1,330.3	10,878.2	12,465.2
Cen Hudson	1,102.7				1,102.7
LIPA					
Nat. Grid					
NYPA					
NYSEG	20.7	371.4			392.1
O&R	1,111.1				1,111.1
RG&E					
Total	2,234.5	628.1	1,330.3	10,878.2	15,071.1
NCP/CP ratio	1.0163	1.0163	1.0163	1.0163	

(4) 2025 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		258.1	1,337.7	10,939.1	12,534.9	1.0056
Cen Hudson	1,112.6				1,112.6	1.0090
LIPA						
Nat. Grid						
NYPA						
NYSEG	20.7	370.6			391.3	0.9978
O&R	1,167.3				1,167.3	1.0270
RG&E						
Total	2,300.6	628.7	1,337.7	10,939.1	15,206.1	1.0072
Large Load Growth	26.2	0.0	0.0	0.0		

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

Locality	2024 Locality Peak Actual Load	Municipal Self-Generation	Demand Response	2024 Locality Peak Total Load	Locality Weather Adjustment
Zone J Locality	10,261.9	0.0	426.7	10,688.6	254.9
Zone K Locality	4,937.4	10.9	13.8	4,962.1	176.1

Locality	2024 Weather Adjusted Coincident Peak	Locality NCP to CP Ratio	2024 Locality Weather Adjusted Peak	Regional Load Growth Factor	2025 Locality Forecast
Zone J Locality	10,703.7	1.0224	10,943.5	1.0056	11,004.6
Zone K Locality	5,060.8	1.0153	5,138.2	0.9885	5,079.3

Notes:

No loss reallocation.

Zones J and K Localities Peak Hour: 7/16/2024, HB 17.

2024 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								252.6	1,309.0	10,703.7		12,265.3
Cen Hudson					3.7		1,085.0					1,088.7
LIPA											5,060.8	5,060.8
Nat. Grid	2,058.2	385.7	1,271.9	88.3	867.8	2,104.2						6,776.1
NYPA				506.6								506.6
NYSEG	691.5		1,240.2	91.9	432.4	153.0	20.4	365.4				2,994.8
O&R							1,093.3					1,093.3
RG&E		1,478.4										1,478.4
Total	2,749.7	1,864.1	2,512.1	686.8	1,303.9	2,257.2	2,198.7	618.0	1,309.0	10,703.7	5,060.8	31,264.0

Includes station power deduction (National Grid Zone F).

2024 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								252.6	1,309.0	10,703.7		12,265.3
Cen Hudson					3.7		1,085.0					1,088.7
LIPA											5,060.8	5,060.8
Nat. Grid	1,913.8	385.7	1,271.9	88.3	856.8	2,104.2						6,620.7
NYPA				340.2								340.2
NYSEG	691.5		1,240.2	91.9	432.4	153.0	20.4	365.4				2,994.8
O&R							1,087.3					1,087.3
RG&E		1,478.4										1,478.4
Total	2,605.3	1,864.1	2,512.1	520.4	1,292.9	2,257.2	2,192.7	618.0	1,309.0	10,703.7	5,060.8	30,936.2

Includes station power deduction (National Grid Zone F).

2025 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								254.0	1,316.3	10,763.7		12,334.0	1.0056
Cen Hudson					3.7		1,094.8					1,098.5	1.0090
LIPA											5,002.8	5,002.8	0.9885
Nat. Grid	1,924.4	387.8	1,278.9	88.8	861.5	2,115.8						6,657.2	1.0055
NYPA				344.8								344.8	1.0132
NYSEG	690.0		1,237.5	91.7	431.4	152.7	20.4	364.6				2,988.3	0.9978
O&R							1,116.7					1,116.7	1.0270
RG&E		1,462.6										1,462.6	0.9893
Total	2,614.4	1,850.4	2,516.4	525.3	1,296.6	2,268.5	2,231.9	618.6	1,316.3	10,763.7	5,002.8	31,004.9	1.0022

Note:

No loss reallocation.

2025 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								254.0	1,316.3	10,763.7		12,334.0
Cen Hudson					3.7		1,094.8					1,098.5
LIPA											5,002.8	5,002.8
Nat. Grid	2,174.4	392.8	1,278.9	88.8	874.5	2,115.8						6,925.2
NYPA				510.7								510.7
NYSEG	690.0		1,237.5	91.7	431.4	152.7	20.4	364.6				2,988.3
O&R							1,148.9					1,148.9
RG&E		1,462.6										1,462.6
Total	2,864.4	1,855.4	2,516.4	691.2	1,309.6	2,268.5	2,264.1	618.6	1,316.3	10,763.7	5,002.8	31,471.0
Large Loads	250.0	5.0		165.9	13.0		32.2					466.1

These large load forecasts are included in the table above.

Notes:

No loss reallocation.

The NYCA Coincident Peak forecast of 31,471.0 MW differs from the ICAP Market forecast of 31,469.4 MW due to the application of the Transmission District RLGs prior to proportional reallocation of bulk power system losses.

BTM:NG Resource Load Forecast

2025 Transmission District Forecast of BTM:NG Resources

	Transmission District	2024 Peak Proxy Load	(1 + WNF)	(1 + RLGF)	2025 Average Coincident Host Load
Row	(a)	(b)	(c)	(d)	(e)=(b)*(c)*(d)
1	Con Edison	17.6	1.0274	1.0056	18.2
2	Central Hudson				
3	LIPA	38.5	1.0296	0.9885	39.2
4	National Grid	3.8	1.4517	1.0055	5.5
5	NYPA				
6	NYSEG	56.2	1.0216	0.9978	57.3
7	O&R				
8	RG&E	52.2	1.0216	0.9893	52.8
	Total	168.3			173.0

2025 Coincident Peak Forecast Including BTM:NG Resource Load

2025 Coincident Peak Forecast, Including Large Loads and BTM:NG Resource Load

	A	B	C	D	E	F	G	H	I	J	K	Total
Con Edison								254.0	1,316.3	10,781.9		12,352.2
Cen Hudson					3.7		1,094.8					1,098.5
LIPA											5,042.0	5,042.0
Nat. Grid	2,178.6	392.8	1,278.9	88.8	875.8	2,115.8						6,930.7
NYPA				510.7								510.7
NYSEG	690.0		1,294.8	91.7	431.4	152.7	20.4	364.6				3,045.6
O&R							1,148.9					1,148.9
RG&E		1,515.4										1,515.4
Total	2,868.6	1,908.2	2,573.7	691.2	1,310.9	2,268.5	2,264.1	618.6	1,316.3	10,781.9	5,042.0	31,644.0
BTM:NG Load	4.2	52.8	57.3		1.3					18.2	39.2	173.0

Note:

No loss reallocation.

G-to-J Locality Peak Forecast

2025 G-to-J Locality Peak Forecast, Including Large Loads, Prior to BTM:NG Resources												
	A	B	C	D	E	F	G	H	I	J	K	Total
G-to-J Peak							2,300.6	628.7	1,337.7	10,939.1		15,206.1
BTM:NG Resource Load												
	A	B	C	D	E	F	G	H	I	J	K	Total
BTM:NG							0.0	0.0	0.0	18.2		18.2
2025 G-to-J Locality Peak Forecast, Including BTM:NG Resource Load												
	A	B	C	D	E	F	G	H	I	J	K	Total
G-to-J Peak							2,300.6	628.7	1,337.7	10,957.3		15,224.3
NCP Ratio							1.0163	1.0163	1.0163	1.0163		1.0163

Note:

No loss reallocation.

Zonal Non-Coincident Peak Forecasts

2025 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	2,759.5	1,895.5	2,595.2	546.8	1,331.7	2,323.9	2,282.6	632.5	1,345.8	11,004.6	5,079.3
2025 Large Load Forecast											
	A	B	C	D	E	F	G	H	I	J	K
Large Loads	250.0	5.0	0.0	165.9	13.0	0.0	32.2	0.0	0.0	0.0	0.0
2025 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	3,009.5	1,900.5	2,595.2	712.7	1,344.7	2,323.9	2,314.8	632.5	1,345.8	11,004.6	5,079.3
BTM:NG Resource Load											
	A	B	C	D	E	F	G	H	I	J	K
BTM:NG	4.2	52.8	57.3	0.0	1.3	0.0	0.0	0.0	0.0	18.2	39.2
2025 Non-Coincident Zonal Peak Forecasts, Including Large Loads and BTM:NG Resource Load											
	A	B	C	D	E	F	G	H	I	J	K
NC Peaks	3,013.7	1,953.3	2,652.5	712.7	1,346.0	2,323.9	2,314.8	632.5	1,345.8	11,022.8	5,118.5
NCP Ratios											
NCP Ratios	1.0555	1.0244	1.0313	1.0409	1.0271	1.0244	1.0227	1.0224	1.0224	1.0224	1.0153

Note: No loss reallocation.

Final 2025 ICAP Market Forecast Posting

- The final 2025 ICAP Market Forecast will be posted on the ICAP Market page of the NYISO website by the end of December 2024:

<https://www.nyiso.com/installed-capacity-market>

Installed Capacity Data > Announcements > Information and Announcements

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