

NYSRC Fall Forecast Update: 2025 Final Installed Reserve Margin Forecast

Max Schuler

Demand Forecasting & Analysis

LFTF / NYSRC ICS

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Agenda

- **Summary and Background**
- **Updates since 9/27/2024 LFTF**
- **2024 Weather Normalized Peaks**
- **Weather Normalized Coincident Peak Graphs**
- **2025 Installed Reserve Margin (IRM) Forecast**

Summary and Background

■ 2024 Weather Normalized Coincident Peak

- Actual ICAP Market 2024 coincident peak hour load (7/8/24 hour beginning 17)
- NYISO coincident peak weather adjustment, including consideration of Locality peak hour (7/16/24 HB 17), and other high load hours as appropriate
- Estimated demand response and municipal self-generation impacts
- Information and weather normalized peaks provided by Transmission Owners (per their own procedures) included as appropriate

■ 2025 IRM Coincident Peak Forecast

- Transmission District Regional Load Growth Factors (RLGFs) either from Transmission Owners or NYISO values based on growth rates from the 2024 Gold Book and additional analyses
- Projected large load forecasts for summer 2025
- Behind-the-Meter Net Generation Resource (BTM:NG Resource) load forecast: projected BTM:NG Resource load based primarily upon actual load during the 2024 NYCA peak

Summary and Background (cont.)

■ 2025 IRM Zonal and Locality Peak Forecasts

- Zonal shares are applied to Transmission District values to calculate Zonal and Locality coincident peaks
- Zonal and Locality non-coincident peak forecasts reflect the typical non-coincident to coincident peak ratio (NCP to CP Ratio)
- Zonal and Locality forecasts are presented in two forms:
 - Before BTM:NG adjustments – these forecasts are analogous to the Gold Book forecast
 - After BTM:NG load adjustments – these forecasts are used for IRM modeling, as BTM:NG generation is modeled as a resource

■ Additional detail is available from the 9/16/24 and 9/27/24 LFTF meetings

- [9/16/24 Load Forecasting Task Force](#)
- [9/27/24 Load Forecasting Task Force](#)

Updates Since 9/27/24 LFTF

- Con Edison submitted its 2024 weather adjusted peak on 10/1/24. The resulting change is a decrease of 194 MW to the coincident peak forecast.
- The Regional Load Growth Factor for Con Edison remains unchanged at 1.008 (0.8% growth).
- There are resulting changes to weather adjusted and forecast peak values in Zones H, I, and J and to the NYCA and G-to-J Locality values. The Zone J coincident peak forecast decreases by 169 MW.
- The NYISO evaluated Con Edison's update and assessed it as reasonable. In an effort to preserve consistency between the IRM and ICAP forecasts to the extent feasible, the NYISO recommends including these updates in the final 2025 IRM Forecast.

2024 Weather Normalized Peaks

Summary of 2024 Transmission District Weather Normalization

NYCA Coincident Peak

2024 Weather Normalized Coincident Peak Load									
(1)	(2)	(3)	(4)	(5) = (2) + (3) + (4)	(6)	(7) = (5) + (6)	(8)	(9) = (7) - (8)	(10) = (9) / (8)
Transmission District	2024 Actual CP MW, 7/8/2024 HB 17	Demand Response Estimate MW	Estimated Muni Self-Gen MW	2024 Actual MW, with Estimated DR and Muni Self Gen MW	Weather Adjustment MW	2024 Weather Normalized MW	2024 ICAP CP Forecast, Prior to BTM:NG Resources MW	TO MW Change	TO Percent Change
Con Edison	11,499.0	38.5	0.0	11,537.5	727.8	12,265.3	12,518.2	-252.9	-2.02%
Cen Hudson	1,036.0	3.2	0.0	1,039.2	52.7	1,091.9	1,033.7	58.2	5.63%
LIPA	4,875.4	0.0	0.0	4,875.4	187.8	5,063.2	4,963.0	100.2	2.02%
Nat Grid	5,931.7	339.1	51.3	6,322.1	481.4	6,803.5	6,913.8	-110.3	-1.60%
NYPA	345.8	0.0	0.0	345.8	162.2	508.0	498.6	9.4	1.89%
NYSEG	2,860.4	0.0	0.0	2,860.4	148.3	3,008.7	3,063.7	-55.0	-1.80%
O&R	1,018.8	0.0	0.0	1,018.8	78.6	1,097.4	1,097.2	0.2	0.02%
RG&E	1,327.9	0.0	0.0	1,327.9	161.1	1,489.0	1,452.4	36.6	2.52%
NYCA	28,895.0	380.8	51.3	29,327.1	1,999.9	31,327.0	31,540.6	-213.6	-0.68%

Notes: Peak load hours are defined by measurements from the NYISO EMS system (PI Historian).

Actual load data is from Decision Support System (DSS) and the TOs.

Demand Response, Muni Self-Gen, and Weather Adjustment impacts are estimates and may be revised for the ICAP Market forecast.

Summary of 2024 Weather Normalized Locality Peaks

2024 Weather Normalized Locality Peaks												
(1)	(2)	(3)	(4)	(5)	(6) = (3) + (4) + (5)	(7)	(8)	(9) = (7) * (8)	(10) = (9) - (6)	(11)	(12) = (9) - (11)	(13) = (12) / (11)
	2024 Locality Peak Information					2024 Locality Weather Normalization Calculation						
Locality	Locality Peak Date and Time	Actual Load at Locality Peak Date and Time MW	DR Estimate at Locality Peak Date and Time MW	Estimated Muni Self-Gen MW	2024 Actual MW, with Estimated DR and Muni Self-Gen MW	2024 Weather Normalized Coincident Peak Demand MW	NCP to CP Ratio (15 year avg. with outliers removed)	2024 Locality Weather Normalized MW	Locality Weather Adjustment MW	2024 ICAP Market Forecast MW	Locality MW Change	Locality Percent Change
Zone J - NYC	7/16/2024 HB 17	10,261.9	313.8	0.0	10,575.7	10,698.4	1.0224	10,938.0	362.3	11,167.9	-229.9	-2.1%
Zone K - LIPA	7/16/2024 HB 17	4,937.4	16.6	0.0	4,954.0	5,063.2	1.0153	5,140.6	186.6	5,043.4	97.2	1.9%
Zones G-to-J	7/16/2024 HB 17	14,370.0	363.7	0.0	14,733.7	14,820.1	1.0163	15,061.6	327.9	15,220.3	-158.7	-1.0%

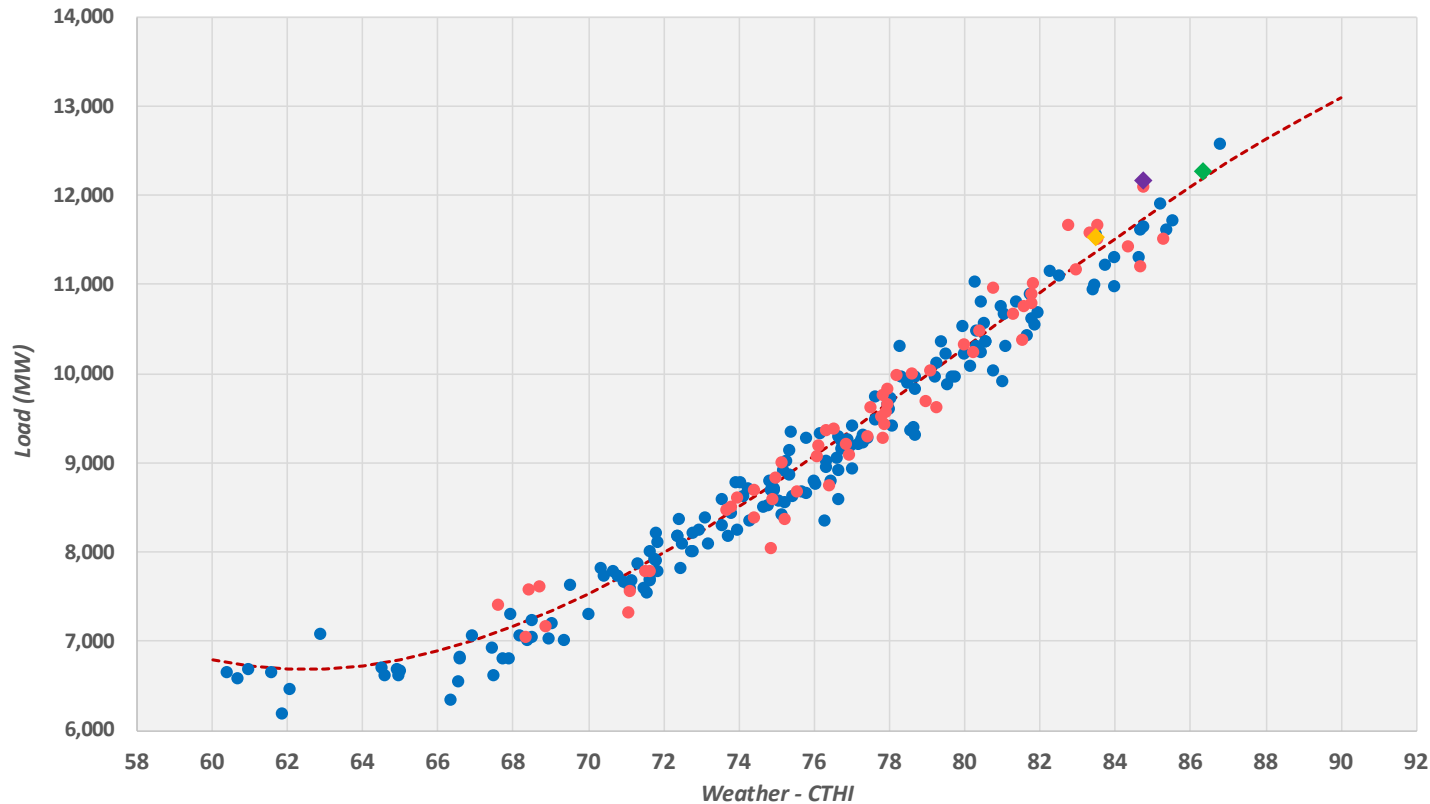
Notes: Peak load hours are defined by measurements from the NYISO EMS system (PI Historian).

Actual load data is from DSS and the TOs.

Demand Response, Muni Self-Gen, and Weather Adjustment impacts are estimates and may be revised for the ICAP Market forecast.

Weather Normalized Coincident Peak Graphs

Con Ed Pooled Model



● Actual 2022/23
 ● Actual 2024
 --- Model Fit (2024)
 ◆ Coincident Peak
 ◆ Locality Peak
 ◆ WN 2024 CP

Design condition is 67th percentile.

Yellow dot shows 2024 coincident peak.

Purple dot shows 2024 Locality peak.

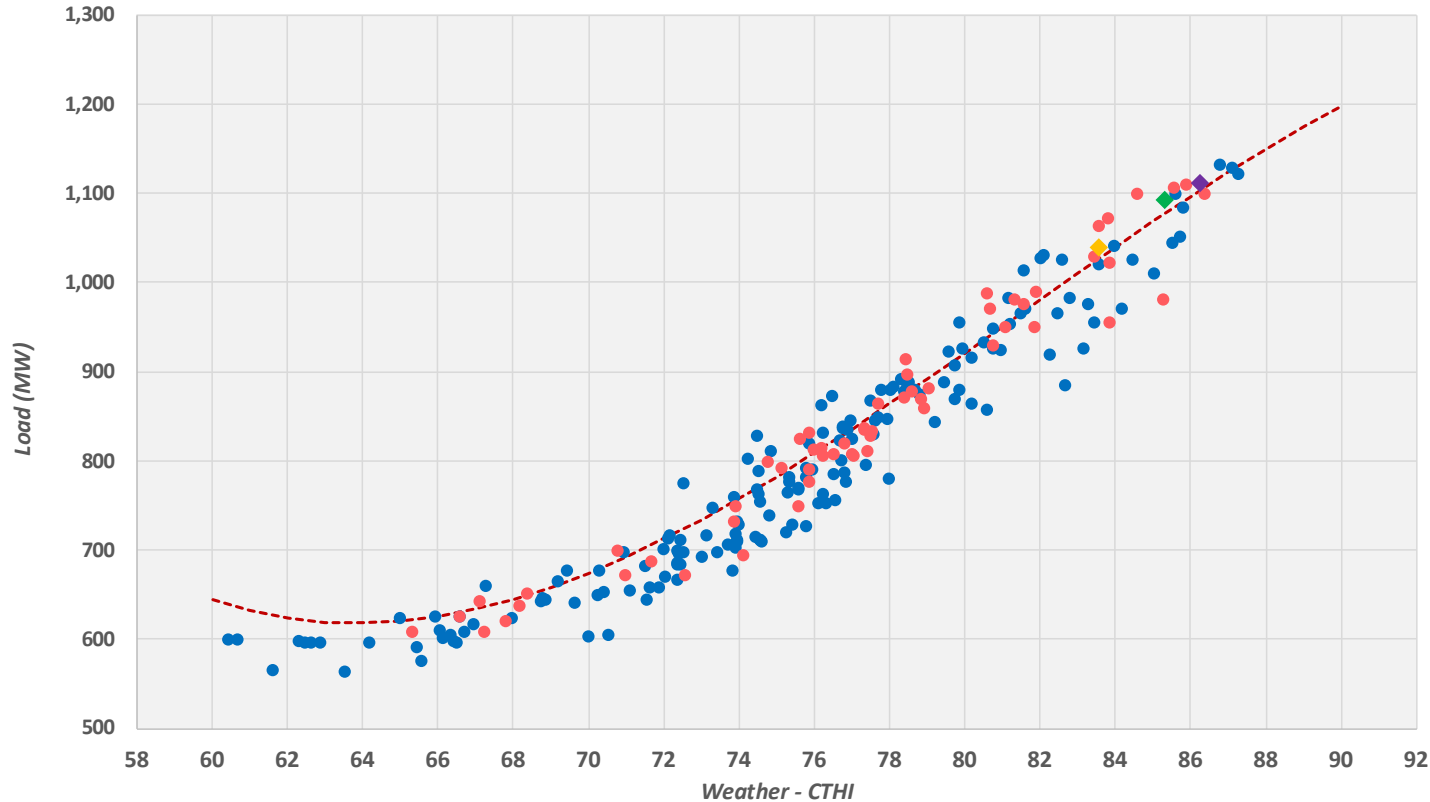
Green dot shows 2024 weather normalized coincident peak.

Dotted red line shows model fit during 2024 July & Aug design conditions.

Data points include estimated demand response impacts.

2024 CP	11,499.0
2024 CTHI	83.49
Design CTHI	86.32
Adjustment	766.3
2024 WN CP	12,265.3

Central Hudson Pooled Model



Design condition is 50th percentile.

Yellow dot shows 2024 coincident peak.

Purple dot shows 2024 Locality peak.

Green dot shows 2024 weather normalized coincident peak.

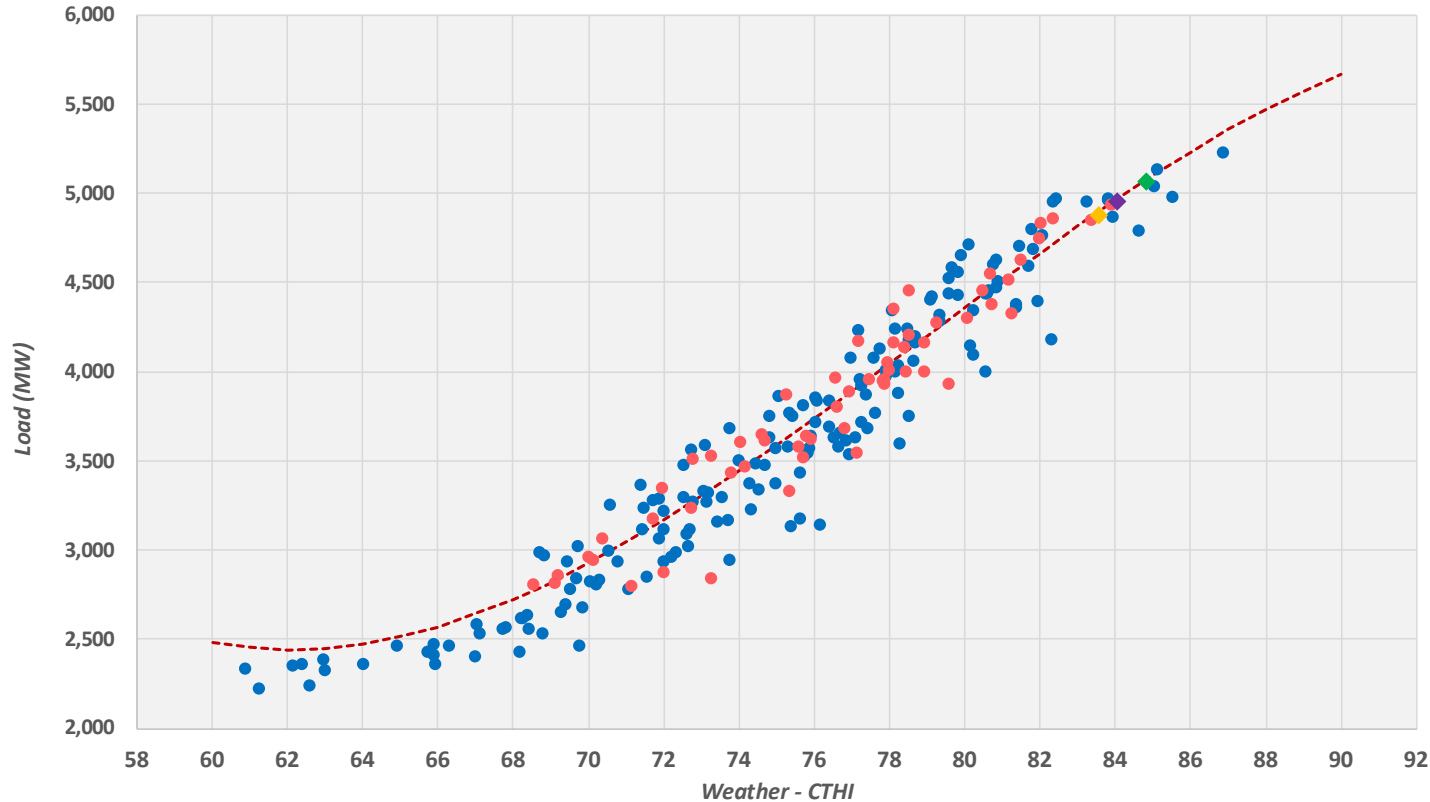
Dotted red line shows model fit during 2024 July & Aug design conditions.

Data points include estimated demand response impacts.

2024 CP	1,036.0
2024 CTHI	83.55
Design CTHI	85.33
Adjustment	55.9
2024 WN CP	1,091.9

● Actual 2022/23 ● Actual 2024 --- Model Fit (2024) ◆ Coincident Peak ◆ Locality Peak ◆ WN 2024 CP

LIPA Pooled Model



● Actual 2022/23 ● Actual 2024 - - - Model Fit (2024) ◆ Coincident Peak ◆ Locality Peak ◆ WN 2024 CP

Design condition is 50th percentile.

Yellow dot shows 2024 coincident peak.

Purple dot shows 2024 Locality peak.

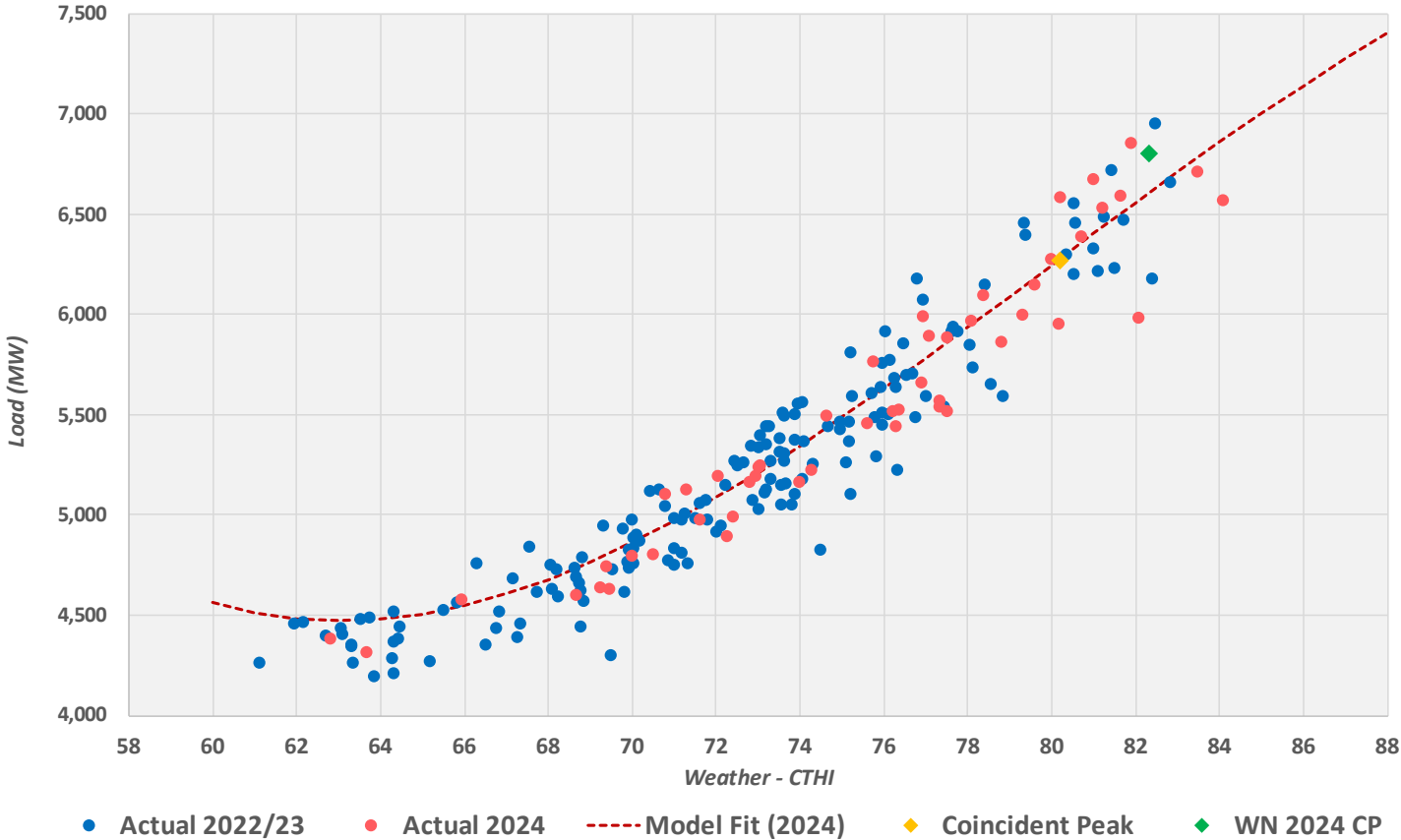
Green dot shows 2024 weather normalized coincident peak.

Dotted red line shows model fit during 2024 July & Aug design conditions.

Data points include estimated demand response impacts.

2024 CP	4,875.4
2024 CTHI	83.58
Design CTHI	84.84
Adjustment	187.8
2024 WN CP	5,063.2

National Grid Pooled Model



Design condition is 50th percentile.

Yellow dot shows 2024 coincident peak.

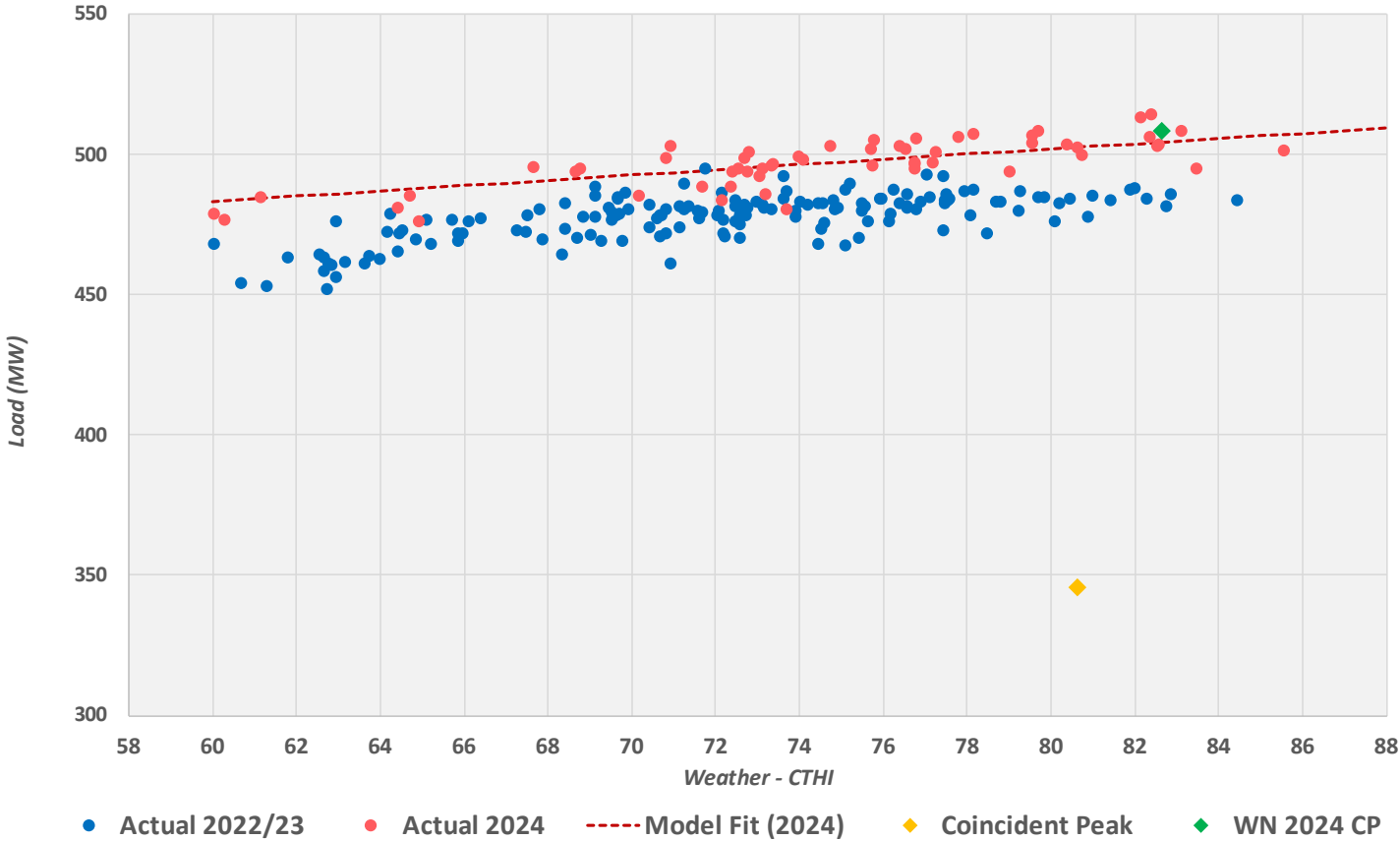
Green dot shows 2024 weather normalized coincident peak.

Dotted red line shows model fit during 2024 July & Aug design conditions.

Data points include estimated demand response impacts.

2024 CP	5,931.7
2024 CTHI	80.19
Design CTHI	82.30
Adjustment	871.8
2024 WN CP	6,803.5

NYPA Pooled Model



Design condition is 50th percentile.

Yellow dot shows 2024 coincident peak.

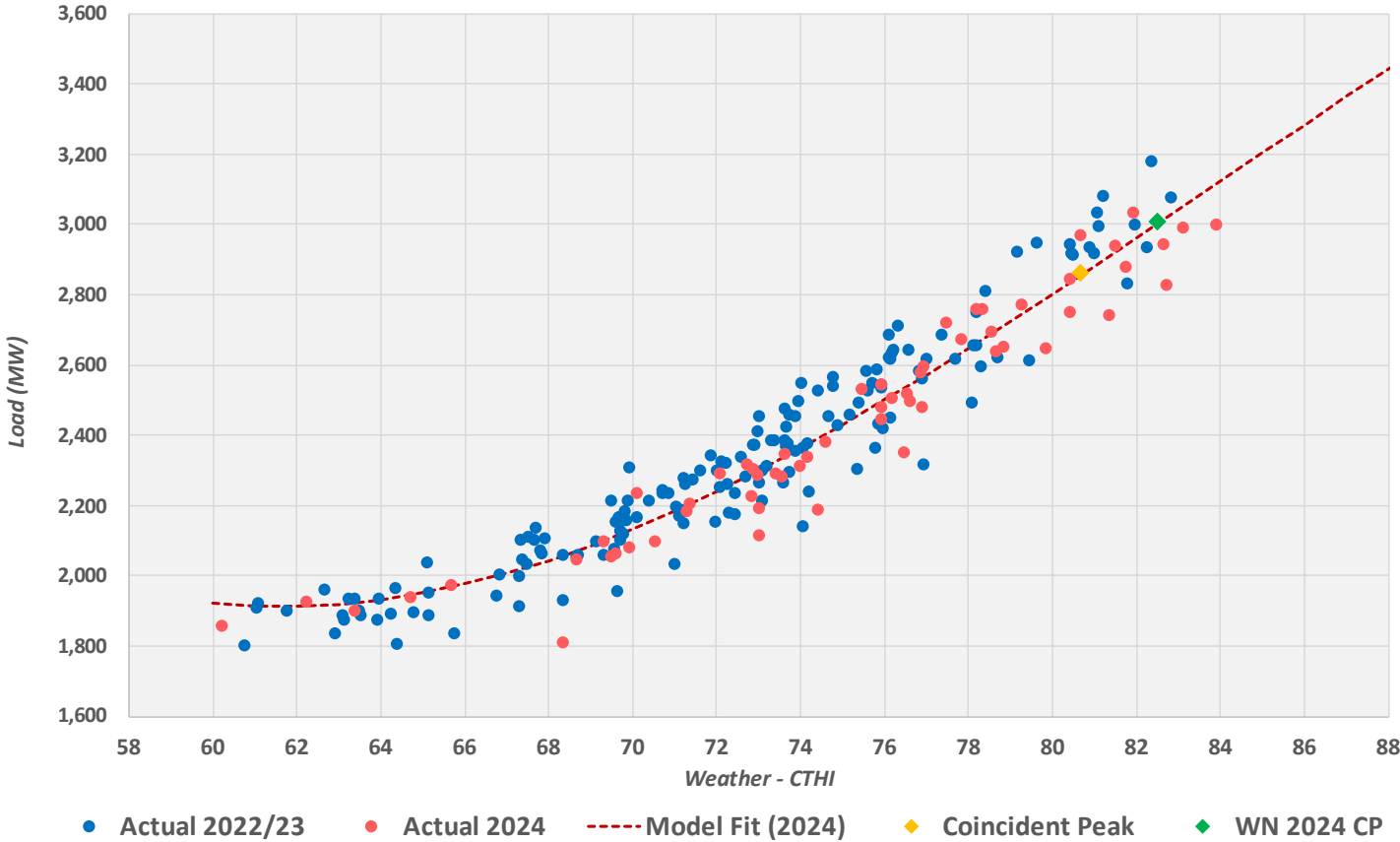
Green dot shows 2024 weather normalized coincident peak.

Dotted red line shows model fit during 2024 July & Aug design conditions.

Data points include estimated demand response impacts.

2024 CP	345.8
2024 CTHI	80.64
Design CTHI	82.65
Adjustment	162.2
2024 WN CP	508.0

NYSEG Pooled Model



Design condition is 50th percentile.

Yellow dot shows 2024 coincident peak.

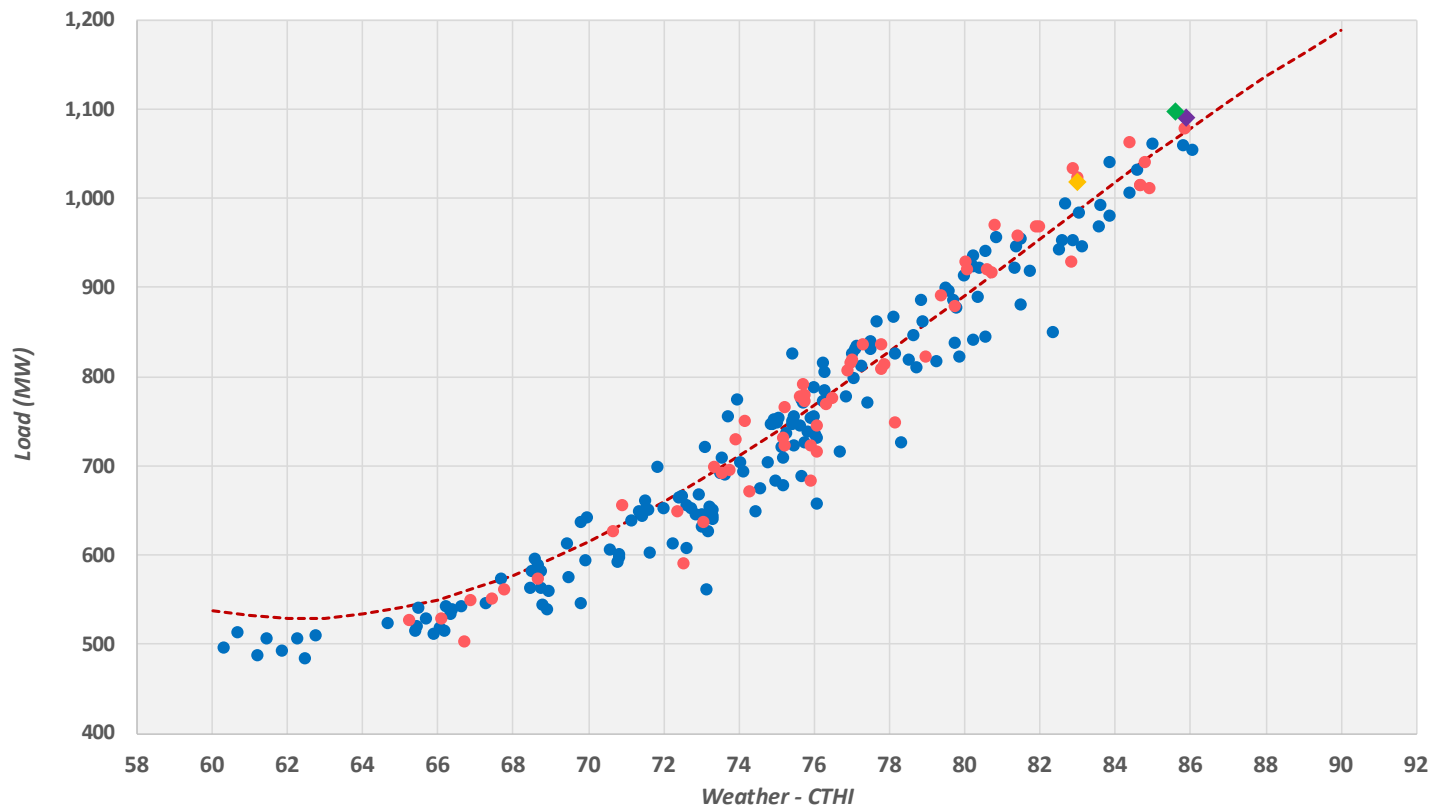
Green dot shows 2024 weather normalized coincident peak.

Dotted red line shows model fit during 2024 July & Aug design conditions.

Data points include estimated demand response impacts.

2024 CP	2,860.4
2024 CTHI	80.66
Design CTHI	82.49
Adjustment	148.3
2024 WN CP	3,008.7

Orange & Rockland Pooled Model



Design condition is 67th percentile.

Yellow dot shows 2024 coincident peak.

Purple dot shows 2024 Locality peak.

Green dot shows 2024 weather normalized coincident peak.

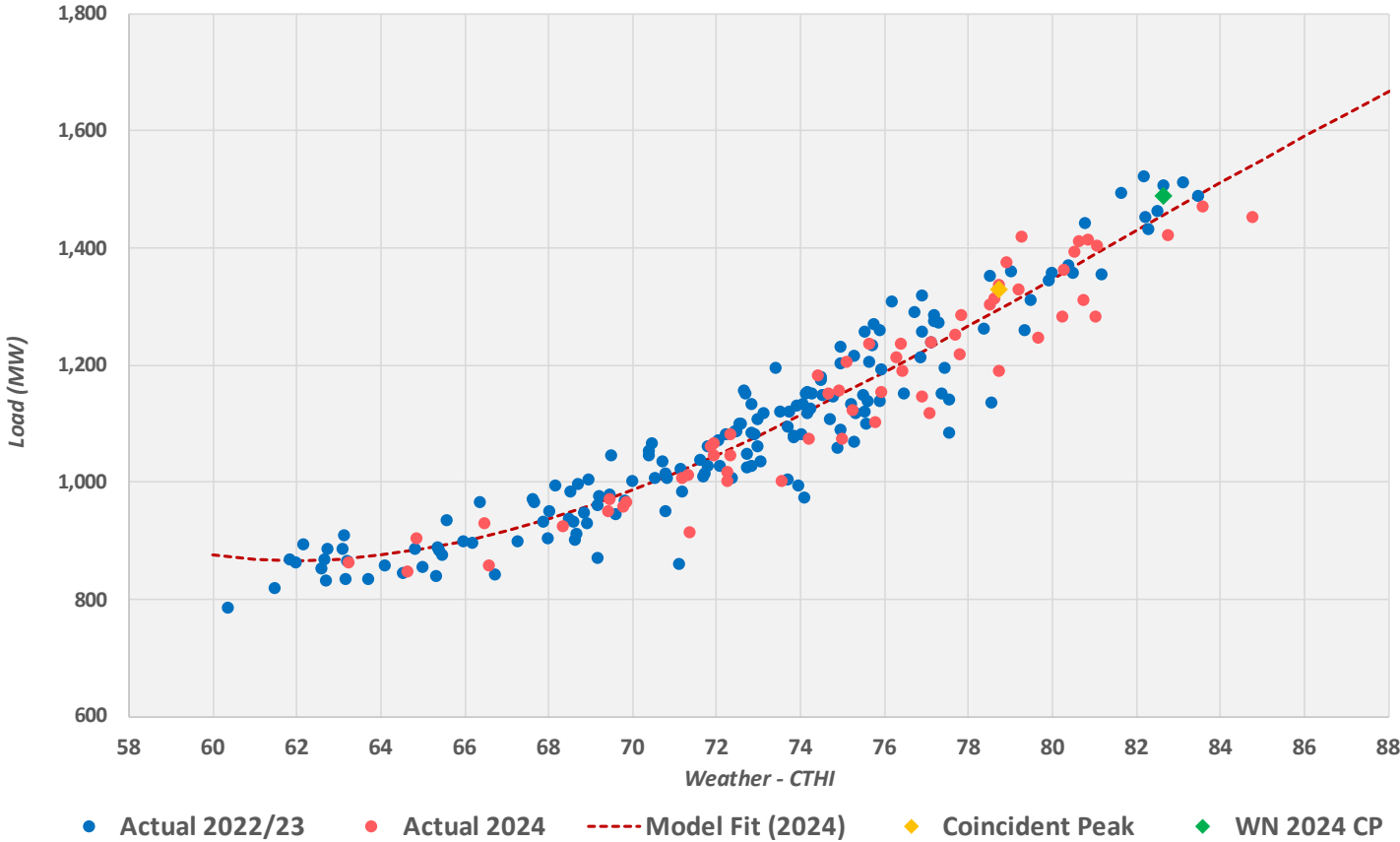
Dotted red line shows model fit during 2024 July & Aug design conditions.

Data points include estimated demand response impacts.

2024 CP	1,018.8
2024 CTHI	82.97
Design CTHI	85.58
Adjustment	78.6
2024 WN CP	1,097.4

● Actual 2022/23 ● Actual 2024 - - - Model Fit (2024) ◆ Coincident Peak ◆ Locality Peak ◆ WN 2024 CP

RG&E Pooled Model



Design condition is 50th percentile.

Yellow dot shows 2024 coincident peak.

Green dot shows 2024 weather normalized coincident peak.

Dotted red line shows model fit during 2024 July & Aug design conditions.

Data points include estimated demand response impacts.

2024 CP	1,327.9
2024 CTHI	78.72
Design CTHI	82.65
Adjustment	161.1
2024 WN CP	1,489.0

2025 IRM Forecast

2025 IRM Forecast - NYCA Coincident Peak

2025 IRM Coincident Peak Forecast										
(1)	(2)	(3)	(4) = (2) + (3)	(5)	(6)	(7) = (5) * (6)	(8)	(9) = (7) + (8)	(10)	(11) = (9) + (10)
Transmission District	2024 Actual MW, 7/8/2024 HB 17	Total Adjustment (Demand Response + Muni Self-Gen + Wthr Adjustment) MW	2024 Weather Normalized Coincident Peak MW	2024 WN Peak MW Excluding Large Loads	Regional Load Growth Factor	2025 Forecast, Before Adjustments MW	Large Loads MW	2025 IRM Forecast, With Large Loads, Before BTM:NG Adjustments MW	BTM:NG Forecast MW	TO Forecast, With Large Loads and BTM:NG Adjustments MW
Con Edison	11,499.0	766.3	12,265.3	12,265.3	1.0080	12,363.4	0.0	12,363.4	18.3	12,381.7
Cen Hudson	1,036.0	55.9	1,091.9	1,091.9	1.0090	1,101.7	0.0	1,101.7	0.0	1,101.7
LIPA	4,875.4	187.8	5,063.2	5,063.2	0.9833	4,978.6	0.0	4,978.6	37.4	5,016.0
Nat Grid	5,931.7	871.8	6,803.5	6,651.1	1.0000	6,651.1	301.0	6,952.1	1.8	6,953.9
NYPA	345.8	162.2	508.0	336.5	1.0000	336.5	173.0	509.5	0.0	509.5
NYSEG	2,860.4	148.3	3,008.7	3,008.7	0.9850	2,963.6	0.0	2,963.6	62.6	3,026.2
O&R	1,018.8	78.6	1,097.4	1,089.4	1.0090	1,099.2	19.0	1,118.2	0.0	1,118.2
RG&E	1,327.9	161.1	1,489.0	1,489.0	1.0020	1,492.0	0.0	1,492.0	50.5	1,542.5
NYCA	28,895.0	2,432.0	31,327.0	30,995.1	0.9997	30,986.1	493.0	31,479.1	170.6	31,649.7
2025 Forecast from 2024 Gold Book								31,650.0		
Change from 2024 Gold Book								-170.9		
Percent Change								-0.5%		

2025 IRM Forecast - Locality Peaks

2025 IRM Locality Peak Forecasts										
(1)	(2)	(3)	(4)	(5)	(6) = (3) * (4) + (5)	(7)	(8) = (7) - (6)	(9) = (8) / (7)	(10)	(11) = (9) + (10)
Locality	2024 Locality Peak MW	2024 Weather Normalized Locality Peak MW	Regional Load Growth Factor	Large Load Growth MW	2025 IRM Locality Peak Forecast Before BTM:NG Adjustments MW	2025 Forecast from 2024 Gold Book MW	Change from Gold Book Forecast MW	Percent Change from Gold Book Forecast	BTM:NG Forecast MW	Locality Peak Forecast, Including BTM:NG Adjustments MW
Zone J - NYC	10,261.9	10,938.1	1.0080	0.0	11,025.6	11,210.0	-184.4	-1.6%	18.3	11,043.9
Zone K - LIPA	4,937.4	5,140.6	0.9833	0.0	5,054.7	5,036.0	18.7	0.4%	37.4	5,092.1
Zones G-to-J	14,370.0	15,061.6	1.0076	11.0	15,186.8	15,281.0	-94.2	-0.6%	18.3	15,205.1

2024 Weather Adjusted Coincident Peak by Subzone (MW)

2024 Weather-Adjusted Coincident Peak, Including Demand Response, Muni Self-Gen & Large Loads												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	A	B	C	D	E	F	G	H	I	J	K	Total
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254.3	1,312.6	10,698.4	0.0	12,265.3
Cen Hud	0.0	0.0	0.0	0.0	3.7	0.0	1,088.2	0.0	0.0	0.0	0.0	1,091.9
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,063.2	5,063.2
Nat Grid	2,151.0	377.9	1,242.5	86.3	863.8	2,082.0	0.0	0.0	0.0	0.0	0.0	6,803.5
NYPA	0.0	0.0	0.0	508.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	508.0
NYSEG	641.3	0.0	1,311.1	98.7	428.8	159.6	19.6	349.6	0.0	0.0	0.0	3,008.7
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,097.4	0.0	0.0	0.0	0.0	1,097.4
RG&E	0.0	1,489.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,489.0
Total	2,792.3	1,866.9	2,553.6	693.0	1,296.3	2,241.6	2,205.2	603.9	1,312.6	10,698.4	5,063.2	31,327.0

Notes: Con Edison Zone G losses moved to Zone J.

Transmission District actual loads and weather adjustments apportioned to zones using sub-zonal shares presented at the 9/16/24 Load Forecasting Task Force Meeting.

Sub-zonal demand response, Muni self-gen, and large load estimates are applied independently.

2024 Weather Normalized Large Loads (MW)

2024 Summer Peak Weather-Normalized Large Loads												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	A	B	C	D	E	F	G	H	I	J	K	Total
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cen Hud	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nat Grid	144.4	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	152.4
NYPA	0.0	0.0	0.0	171.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	171.5
NYSEG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O&R	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0
RG&E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	144.4	0.0	0.0	171.5	8.0	0.0	8.0	0.0	0.0	0.0	0.0	331.9

2024 Weather Adjusted Coincident Peak Excluding Large Loads (MW)

2024 Weather-Adjusted Coincident Peak, Excluding Large Loads												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	A	B	C	D	E	F	G	H	I	J	K	Total
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254.3	1,312.6	10,698.4	0.0	12,265.3
Cen Hud	0.0	0.0	0.0	0.0	3.7	0.0	1,088.2	0.0	0.0	0.0	0.0	1,091.9
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,063.2	5,063.2
Nat Grid	2,006.6	377.9	1,242.5	86.3	855.8	2,082.0	0.0	0.0	0.0	0.0	0.0	6,651.1
NYPA	0.0	0.0	0.0	336.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	336.5
NYSEG	641.3	0.0	1,311.1	98.7	428.8	159.6	19.6	349.6	0.0	0.0	0.0	3,008.7
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,089.4	0.0	0.0	0.0	0.0	1,089.4
RG&E	0.0	1,489.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,489.0
Total	2,647.9	1,866.9	2,553.6	521.5	1,288.3	2,241.6	2,197.2	603.9	1,312.6	10,698.4	5,063.2	30,995.1

2025 Coincident Peak Forecast Before Large Loads (MW)

2025 IRM Coincident Peak Forecast by Transmission District and Zone, Before Large Loads and BTM:NG Adjustments													
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
	A	B	C	D	E	F	G	H	I	J	K	Total	RLGF
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	256.3	1,323.1	10,784.0	0.0	12,363.4	1.0080
Cen Hud	0.0	0.0	0.0	0.0	3.7	0.0	1,098.0	0.0	0.0	0.0	0.0	1,101.7	1.0090
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,978.6	4,978.6	0.9833
Nat Grid	2,006.6	377.9	1,242.5	86.3	855.8	2,082.0	0.0	0.0	0.0	0.0	0.0	6,651.1	1.0000
NYPA	0.0	0.0	0.0	336.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	336.5	1.0000
NYSEG	631.7	0.0	1,291.4	97.2	422.4	157.2	19.3	344.4	0.0	0.0	0.0	2,963.6	0.9850
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,099.2	0.0	0.0	0.0	0.0	1,099.2	1.0090
RG&E	0.0	1,492.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,492.0	1.0020
Total	2,638.3	1,869.9	2,533.9	520.0	1,281.9	2,239.2	2,216.5	600.7	1,323.1	10,784.0	4,978.6	30,986.1	0.9997

Summer 2025 Large Load Forecast (MW)

2025 Large Load Forecast by Transmission District and Zone												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	A	B	C	D	E	F	G	H	I	J	K	Total
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cen Hud	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nat Grid	288.0	5.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	301.0
NYPA	0.0	0.0	0.0	173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	173.0
NYSEG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O&R	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	19.0
RG&E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	288.0	5.0	0.0	173.0	8.0	0.0	19.0	0.0	0.0	0.0	0.0	493.0

Note: Large Load forecast reflects total forecasted 2025 peak load level.
Includes discrete loads not in the NYISO IQ.
These forecasts may be updated for purposes of the ICAP Market forecast.

2025 Forecast With Large Loads, Before BTM:NG Resource Adjustments

NYCA Coincident Peak (MW)

2025 IRM Coincident Peak Forecast by Transmission District and Zone, Including Large Loads, Before BTM:NG Adjustments

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	A	B	C	D	E	F	G	H	I	J	K	Total
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	256.3	1,323.1	10,784.0	0.0	12,363.4
Cen Hud	0.0	0.0	0.0	0.0	3.7	0.0	1,098.0	0.0	0.0	0.0	0.0	1,101.7
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,978.6	4,978.6
Nat Grid	2,294.6	382.9	1,242.5	86.3	863.8	2,082.0	0.0	0.0	0.0	0.0	0.0	6,952.1
NYPA	0.0	0.0	0.0	509.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	509.5
NYSEG	631.7	0.0	1,291.4	97.2	422.4	157.2	19.3	344.4	0.0	0.0	0.0	2,963.6
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,118.2	0.0	0.0	0.0	0.0	1,118.2
RG&E	0.0	1,492.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,492.0
Total	2,926.3	1,874.9	2,533.9	693.0	1,289.9	2,239.2	2,235.5	600.7	1,323.1	10,784.0	4,978.6	31,479.1

2025 Forecast With Large Loads, Before BTM:NG Resource Adjustments

Non-Coincident Peaks (MW)

2025 IRM Non-Coincident Peak Forecast by Transmission District and Zone, Including Large Loads, Before BTM:NG Adjustments											
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	A	B	C	D	E	F	G	H	I	J	K
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	262.2	1,352.7	11,025.6	0.0
Cen Hud	0.0	0.0	0.0	0.0	3.8	0.0	1,122.9	0.0	0.0	0.0	0.0
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,054.7
Nat Grid	2,422.0	392.2	1,281.4	89.8	887.3	2,132.8	0.0	0.0	0.0	0.0	0.0
NYPA	0.0	0.0	0.0	530.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NYSEG	666.7	0.0	1,331.8	101.2	433.8	161.0	19.7	352.0	0.0	0.0	0.0
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,143.6	0.0	0.0	0.0	0.0
RG&E	0.0	1,528.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	3,088.7	1,920.6	2,613.2	721.3	1,324.9	2,293.8	2,286.2	614.2	1,352.7	11,025.6	5,054.7
NCP/CP Ratio	1.0555	1.0244	1.0313	1.0409	1.0271	1.0244	1.0227	1.0224	1.0224	1.0224	1.0153

Note: NCP to CP Ratio calculations shown in the 9/16/24 Load Forecasting Task Force Meeting materials.

2025 BTM:NG Resource Load Forecast (MW)

2025 IRM BTM:NG Adjustments to Load												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	A	B	C	D	E	F	G	H	I	J	K	Total
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	0.0	18.3
Cen Hud	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.4	37.4
Nat Grid	0.5	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.8
NYPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NYSEG	0.0	0.0	62.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.6
O&R	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RG&E	0.0	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.5
Total	0.5	50.5	62.6	0.0	1.3	0.0	0.0	0.0	0.0	18.3	37.4	170.6

Notes: Further updates to the BTM:NG Resource load forecast including weather normalization of summer 2024 resource loads will be made for purposes of distribution concurrent with the ICAP Market forecast.

2025 Forecast With Large Loads and BTM:NG Resource Adjustments

NYCA Coincident Peak (MW)

2025 IRM Coincident Peak Forecast by Transmission District and Zone, Including Large Loads and BTM:NG Adjustments												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	A	B	C	D	E	F	G	H	I	J	K	Total
Con Ed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	256.3	1,323.1	10,802.3	0.0	12,381.7
Cen Hud	0.0	0.0	0.0	0.0	3.7	0.0	1,098.0	0.0	0.0	0.0	0.0	1,101.7
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,016.0	5,016.0
Nat Grid	2,295.1	382.9	1,242.5	86.3	865.1	2,082.0	0.0	0.0	0.0	0.0	0.0	6,953.9
NYPA	0.0	0.0	0.0	509.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	509.5
NYSEG	631.7	0.0	1,354.0	97.2	422.4	157.2	19.3	344.4	0.0	0.0	0.0	3,026.2
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,118.2	0.0	0.0	0.0	0.0	1,118.2
RG&E	0.0	1,542.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,542.5
Total	2,926.8	1,925.4	2,596.5	693.0	1,291.2	2,239.2	2,235.5	600.7	1,323.1	10,802.3	5,016.0	31,649.7

G-to-J Locality Weather Normalized Peak and 2025 Forecast (MW)

2024 Weather-Adjusted G-to-J Locality Peak					
(1)	(2)	(3)	(4)	(5)	(6)
	G	H	I	J	G-to-J Total
Con Ed	0.0	258.4	1,334.0	10,872.8	12,465.2
Cen Hud	1,105.9	0.0	0.0	0.0	1,105.9
LIPA	0.0	0.0	0.0	0.0	0.0
Nat Grid	0.0	0.0	0.0	0.0	0.0
NYPA	0.0	0.0	0.0	0.0	0.0
NYSEG	19.9	355.3	0.0	0.0	375.2
O&R	1,115.3	0.0	0.0	0.0	1,115.3
RG&E	0.0	0.0	0.0	0.0	0.0
Total	2,241.1	613.7	1,334.0	10,872.8	15,061.6
NCP/CP Ratio	1.0163	1.0163	1.0163	1.0163	

Note: The G-to-J Locality weather adjusted zonal peaks are obtained by multiplying the weather adjusted coincident peaks (slide 19) by the G-J NCP to CP Ratio shown above.

2025 Peak Forecast for G-to-J Locality With Large Load Growth, Before BTM:NG Adjustments						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	G	H	I	J	G-to-J Total w/o Adjustments	RLGF
Con Ed	0.0	260.5	1,344.7	10,959.8	12,565.0	1.0080
Cen Hud	1,115.9	0.0	0.0	0.0	1,115.9	1.0090
LIPA	0.0	0.0	0.0	0.0	0.0	0.9833
Nat Grid	0.0	0.0	0.0	0.0	0.0	1.0000
NYPA	0.0	0.0	0.0	0.0	0.0	1.0000
NYSEG	19.6	350.0	0.0	0.0	369.6	0.9850
O&R	1,136.3	0.0	0.0	0.0	1,136.3	1.0090
RG&E	0.0	0.0	0.0	0.0	0.0	1.0020
Total	2,271.8	610.5	1,344.7	10,959.8	15,186.8	1.0076
Large Load Growth	11.0	0.0	0.0	0.0		

Note: Zone G O&R Large Load growth equals 2025 forecast less 2024 weather normalized value (19 MW - 8 MW = 11 MW).

2025 IRM Zonal Forecast - MW

2025 IRM Zonal Peak Forecasts Before BTM:NG Adjustments

Zonal Coincident Peak Forecast Before BTM:NG Adjustments											
A	B	C	D	E	F	G	H	I	J	K	NYCA
2,926.3	1,874.9	2,533.9	693.0	1,289.9	2,239.2	2,235.5	600.7	1,323.1	10,784.0	4,978.6	31,479.1

Zonal Non-Coincident Peak Forecasts Before BTM:NG Adjustments										
A	B	C	D	E	F	G	H	I	J	K
3,088.7	1,920.6	2,613.2	721.3	1,324.9	2,293.8	2,286.2	614.2	1,352.7	11,025.6	5,054.7

G-to-J Locality Peak Forecast Before BTM:NG Adjustments											
A	B	C	D	E	F	G	H	I	J	K	G-to-J
						2,271.8	610.5	1,344.7	10,959.8		15,186.8

Note: Forecast values include large loads.

2025 IRM Zonal Forecast – MW (cont.)

2025 IRM Zonal Peak Forecasts With BTM:NG Adjustments

BTM:NG Adjustments to Load											
A	B	C	D	E	F	G	H	I	J	K	NYCA
0.5	50.5	62.6		1.3					18.3	37.4	170.6

Zonal Coincident Peak Forecast With BTM:NG Adjustments											
A	B	C	D	E	F	G	H	I	J	K	NYCA
2,926.8	1,925.4	2,596.5	693.0	1,291.2	2,239.2	2,235.5	600.7	1,323.1	10,802.3	5,016.0	31,649.7

Zonal Non-Coincident Peak Forecasts With BTM:NG Adjustments										
A	B	C	D	E	F	G	H	I	J	K
3,089.2	1,971.1	2,675.8	721.3	1,326.2	2,293.8	2,286.2	614.2	1,352.7	11,043.9	5,092.1

G-to-J Locality Peak Forecast With BTM:NG Adjustments											
A	B	C	D	E	F	G	H	I	J	K	G-to-J
						2,271.8	610.5	1,344.7	10,978.1		15,205.1

Note: Forecast values include large 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