New York ISO
Independent System Operator

NYSRC Fall Forecast Update: 2024 IRM Forecast

Max Schuler
Demand Forecasting & Analysis

NYSRC ICS

October 4, 2023

Agenda

- Summary and Background
- 2023 Weather Normalized Peaks
- 2024 IRM Forecast
- Appendix: Weather Normalized Coincident Peak Graphs

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Summary and Background

2023 Weather Normalized Coincident Peak

- Actual ICAP Market 2023 coincident peak hour load (7/28/23 hour beginning 17)
- Coincident peak weather adjustment, including consideration of September peak hour (9/6/23 HB 17)
- Estimated demand response and municipal self-generation impacts

2024 IRM Coincident Peak Forecast

- Transmission District Regional Load Growth Factors (1+RLGF), either from Transmission Owners, or using growth rates from the 2023 Gold Book growth
- Projected large load forecasts for summer 2024
- BTM:NG forecast: projected BTM:NG resource load based primarily upon actual load during the 2023 NYCA peak

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Summary and Background (cont.)

2024 IRM Locality Peak Forecasts

- Zonal shares are applied to Transmission District values to calculate Locality coincident peaks
- Locality non-coincident peak forecasts reflect the typical non-coincident to coincident peak (NCP to CP) ratio

2024 IRM Zonal Peak Forecasts

- Zonal shares are applied to Transmission District values to calculate Zonal coincident peaks
- Zonal non-coincident peak forecasts reflect the typical non-coincident to coincident peak (NCP to CP) ratio
- Zonal 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 9/11 and 9/28 LFTF meetings

- September 11th Load Forecasting Task Force
- September 28th Load Forecasting Task Force

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2023 Weather Normalized Peaks

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Summary of 2023 Transmission District Weather Normalization NYCA Coincident Peak

2023 Weather Normalized Coincident Peak Load									
(1)	(2)	(3)	(4)	(5) = (2) + (3) + (4)	(6)	(7) = (5) + (6)	(8)	(9) = (8) - (7)	(10) = (9) / (8) * 100%
Transmission District	2023 Actual CP MW, 7/28/2023 HB 17	Demand Response Estimate MW	Estimated Muni Self-Gen MW	2023 Actual MW, with Estimated DR and Muni Self Gen MW	Weather Adjustment MW	2023 Weather Normalized MW	2023 ICAP Forecast, Prior to BTM:NG Resources MW	Change Relative to ICAP Forecast MW	Percent Change
Con Edison	11,054.4	247.9	0.0	11,302.3	1,225.3	12,527.6	12,700.7	-173.1	-1.4%
Cen Hudson	986.0	0.6	0.0	986.6	61.4	1,048.0	1,031.9	16.1	1.6%
LIPA	4,953.4	17.9	0.0	4,971.3	106.5	5,077.8	4,999.0	78.8	1.6%
Nat. Grid	6,030.5	165.1	60.0	6,255.6	402.4	6,658.0	7,046.0	-388.0	-5.5%
NYPA	484.0	0.0	0.0	484.0	3.5	487.5	503.5	-16.0	-3.2%
NYSEG	2,887.7	37.9	0.0	2,925.6	120.2	3,045.8	3,128.6	-82.8	-2.6%
O&R	974.4	4.0	0.0	978.4	101.3	1,079.7	1,100.9	-21.2	-1.9%
RG&E	1,352.5	0.0	0.0	1,352.5	120.6	1,473.1	1,537.5	-64.4	-4.2%
NYCA	28,722.9	473.4	60.0	29,256.3	2,141.2	31,397.5	32,048.1	-650.6	-2.0%

Notes: Peak load hours are defined by measurements from the NYISO EMS system (PI Historian).
Actual load data is from DSS/TO.
Demand Response, Muni Self-Gen, and Weather Adjustment impacts are estimates; and may be revised for the ICAP Market forecast.

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Summary of 2023 Weather Normalized Locality Peaks

2023 Weather Normalized Locality Peaks												
(1)	(2)	(3)	(4)	(5)	(6) = (3) + (4) + (5)	(7)	(8)	(9) = (7) * (8)	(10) = (9) - (6)	(11)	(12) = (11) - (9)	(13) = (12) / (11) * 100%
	2023 Locality Peak Information					2023 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	2023 Actual MW, with Estimated DR and Muni Self-Gen MW	2023 Weather Normalized Coincident Peak Deamnd MW	NCP to CP Ratio (15 year avg. with outliers removed)	2023 Locality Weather Normalized MW	Locality Weather Adjustment MW	2023 ICAP Market Forecast MW	Change Relative to ICAP Forecast MW	Percent Change
Zones G-to-J	7/27/2023 HB 17	13,588.6	0.0	0.0	13,588.6	15,021.9	1.0142	15,235.2	1,646.6	15,392.7	-157.5	-1.0%
Zone J - NYC	7/27/2023 HB 16	10,064.0	0.0	0.0	10,064.0	10,878.4	1.0225	11,123.2	1,059.2	11,239.4	-116.2	-1.0%
Zone K - LIPA	7/28/2023 HB 17	4,955.6	17.9	0.0	4,973.5	5,077.8	1.0162	5,160.1	186.6	5,081.8	78.3	1.5%

Notes: Peak load hours are defined by measurements from the NYISO EMS system (PI Historian).
Actual load data is from DSS/TO.
Demand Response, Muni Self-Gen, and Weather Adjustment impacts are estimates; and may be revised for the ICAP Market forecast.

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2024 IRM Forecast

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2024 IRM Forecast - NYCA Coincident Peak

2024 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	2023 Actual MW, 7/28/2023 HB 17	Total Adjustment (Demand Response + Muni Self-Gen + Wthr Adjustment) MW	2023 Weather Normalized Coincident Peak MW	2023 WN Peak MW Excluding Large Loads	Regional Load Growth Factor	2024 Forecast, Before Adjustments MW	Large Loads MW	2024 IRM Forecast, With Large Loads, Before BTM:NG Adjustments MW	BTM:NG Forecast MW	2024 IRM Forecast, With Large Load Growth and BTM:NG Adjustments MW
Con Edison	11,054.4	1,473.2	12,527.6	12,527.6	1.0029	12,563.9	0.0	12,563.9	15.2	12,579.1
Cen Hudson	986.0	62.0	1,048.0	1,048.0	0.9940	1,041.7	0.0	1,041.7	0.0	1,041.7
LIPA	4,953.4	124.4	5,077.8	5,077.8	0.9770	4,961.0	0.0	4,961.0	38.9	4,999.9
Nat. Grid	6,030.5	627.5	6,658.0	6,655.6	1.0000	6,655.6	259.0	6,914.6	5.0	6,919.6
NYPA	484.0	3.5	487.5	335.1	1.0030	336.1	169.0	505.1	0.0	505.1
NYSEG	2,887.7	158.1	3,045.8	3,045.8	0.9979	3,039.4	50.0	3,089.4	44.1	3,133.5
O&R	974.4	105.3	1,079.7	1,079.7	0.9940	1,073.2	0.0	1,073.2	0.0	1,073.2
RG&E	1,352.5	120.6	1,473.1	1,473.1	0.9965	1,467.9	0.0	1,467.9	45.6	1,513.5
NYCA	28,722.9	2,674.6	31,397.5	31,242.7	0.9967	31,138.8	478.0	31,616.8	148.8	31,765.6

2024 Forecast from 2023 Gold Book	32,280.0
Change from 2023 Gold Book	-663.2
Percent Change	-2.1%

2024 IRM Forecast - Locality Peaks

2024 IRM Locality Peak Forecasts									
(1)	(2)	(3)	(4)	(5) = (3) * (4)	(6)	(7) = (6) - (5)	(8) = (7) / (6)	(9)	(10) = (8) + (9)
Locality	2023 Locality Peak MW	2023 Weather Normalized Locality Peak MW	Regional Load Growth Factor	2024 IRM Locality Peak Forecast Before BTM:NG Adjustments MW	2024 Forecast from 2023 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
Zones G-to-J	13,588.6	15,235.2	1.0015	15,258.3	15,416.0	-157.7	-1.0%	15.2	15,273.5
Zone J - NYC	10,064.0	11,123.2	1.0029	11,155.4	11,280.0	-124.6	-1.1%	15.2	11,170.6
Zone K - LIPA	4,955.6	5,160.1	0.9770	5,041.4	5,049.0	-7.6	-0.2%	38.9	5,080.3

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2023 Weather Adjusted Coincident Peak by Subzone

2023 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	274.2	1,375.0	10,878.4	0.0	12,527.6
Cen Hud	0.0	0.0	0.0	0.0	3.5	0.0	1,044.5	0.0	0.0	0.0	0.0	1,048.0
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,077.8	5,077.8
Nat Grid	1,925.2	387.1	1,250.7	87.3	883.5	2,124.2	0.0	0.0	0.0	0.0	0.0	6,658.0
NYPA	0.0	0.0	0.0	487.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	487.5
NYSEG	645.1	0.0	1,350.8	100.7	423.8	155.3	19.6	350.5	0.0	0.0	0.0	3,045.8
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,079.7	0.0	0.0	0.0	0.0	1,079.7
RG&E	0.0	1,473.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,473.1
Total	2,570.3	1,860.2	2,601.5	675.5	1,310.8	2,279.5	2,143.8	624.7	1,375.0	10,878.4	5,077.8	31,397.5

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 9/11 LFTF.
Sub-zonal demand response, Muni self-gen, and large load estimates are applied independently.

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2024 Forecast Before Large Loads

2024 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	275.0	1,379.0	10,909.9	0.0	12,563.9	1.0029
Cen Hud	0.0	0.0	0.0	0.0	3.5	0.0	1,038.2	0.0	0.0	0.0	0.0	1,041.7	0.9940
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,961.0	4,961.0	0.9770
Nat Grid	1,922.8	387.1	1,250.7	87.3	883.5	2,124.2	0.0	0.0	0.0	0.0	0.0	6,655.6	1.0000
NYPA	0.0	0.0	0.0	336.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	336.1	1.0030
NYSEG	643.7	0.0	1,347.9	100.5	422.9	155.0	19.6	349.8	0.0	0.0	0.0	3,039.4	0.9979
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,073.2	0.0	0.0	0.0	0.0	1,073.2	0.9940
RG&E	0.0	1,467.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,467.9	0.9965
Total	2,566.5	1,855.0	2,598.6	523.9	1,309.9	2,279.2	2,131.0	624.8	1,379.0	10,909.9	4,961.0	31,138.8	0.9967

Note: RLGF is applied to weather normalized 2023 coincident peak load excluding large loads.

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Large Load Forecast

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	95.0	150.0	2.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	259.0
NYPA	0.0	0.0	0.0	169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169.0
NYSEG	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	95.0	150.0	52.0	169.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	478.0

Note: Large Load growth forecast reflects total forecasted 2024 peak load level.
Includes discrete loads not in the NYISO IQ.
These forecasts may be updated for purposes of the ICAP Market forecast.

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2024 Forecast With Large Loads, Before BTM:NG Adjustments
NYCA Coincident Peak

2024 IRM Coincident Peak Forecast by Transmission District and Zone, With 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	275.0	1,379.0	10,909.9	0.0	12,563.9
Cen Hud	0.0	0.0	0.0	0.0	3.5	0.0	1,038.2	0.0	0.0	0.0	0.0	1,041.7
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,961.0	4,961.0
Nat Grid	2,017.8	537.1	1,252.7	87.3	895.5	2,124.2	0.0	0.0	0.0	0.0	0.0	6,914.6
NYPA	0.0	0.0	0.0	505.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	505.1
NYSEG	643.7	0.0	1,397.9	100.5	422.9	155.0	19.6	349.8	0.0	0.0	0.0	3,089.4
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,073.2	0.0	0.0	0.0	0.0	1,073.2
RG&E	0.0	1,467.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,467.9
Total	2,661.5	2,005.0	2,650.6	692.9	1,321.9	2,279.2	2,131.0	624.8	1,379.0	10,909.9	4,961.0	31,616.8

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2024 Forecast With Large Loads, Before BTM:NG Adjustments
Non-Coincident Peaks

2024 IRM Non-Coincident Peak Forecast by Transmission District and Zone, With 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	281.2	1,410.0	11,155.4	0.0
Cen Hud	0.0	0.0	0.0	0.0	3.6	0.0	1,060.7	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	5,041.4
Nat Grid	2,093.1	549.2	1,286.8	89.6	920.6	2,166.7	0.0	0.0	0.0	0.0	0.0
NYPA	0.0	0.0	0.0	518.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NYSEG	667.7	0.0	1,435.9	103.2	434.7	158.1	20.0	357.7	0.0	0.0	0.0
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,096.5	0.0	0.0	0.0	0.0
RG&E	0.0	1,501.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	2,760.8	2,050.3	2,722.7	711.5	1,358.9	2,324.8	2,177.2	638.9	1,410.0	11,155.4	5,041.4
NCP/CP Ratio	*1.0373*	*1.0226*	*1.0272*	*1.0269*	*1.0280*	*1.0200*	*1.0217*	*1.0225*	*1.0225*	*1.0225*	*1.0162*

Note: NCP/CP calculations shown in 9/11 LFTF materials.

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BTM:NG Resource Load Forecast

2024 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	15.2	0.0	15.2
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	38.9	38.9
Nat Grid	3.2	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	5.0
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	44.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.1
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	45.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.6
Total	3.2	45.6	44.1	0.0	1.8	0.0	0.0	0.0	0.0	15.2	38.9	148.8

Notes: Further updates to BTM:NG forecast including weather normalization of summer 2023 resource loads will be made for purposes of distribution concurrent with the ICAP Market forecast.

New York ISO

2024 Forecast With Large Load Growth and BTM:NG Adjustments
NYCA Coincident Peak

2024 IRM Coincident Peak Forecast by Transmission District and Zone, With Large Load Growth 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	275.0	1,379.0	10,925.1	0.0	12,579.1
Cen Hud	0.0	0.0	0.0	0.0	3.5	0.0	1,038.2	0.0	0.0	0.0	0.0	1,041.7
LIPA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,999.9	4,999.9
Nat Grid	2,021.0	537.1	1,252.7	87.3	897.3	2,124.2	0.0	0.0	0.0	0.0	0.0	6,919.6
NYPA	0.0	0.0	0.0	505.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	505.1
NYSEG	643.7	0.0	1,442.0	100.5	422.9	155.0	19.6	349.8	0.0	0.0	0.0	3,133.5
O&R	0.0	0.0	0.0	0.0	0.0	0.0	1,073.2	0.0	0.0	0.0	0.0	1,073.2
RG&E	0.0	1,513.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,513.5
Total	2,664.7	2,050.6	2,694.7	692.9	1,323.7	2,279.2	2,131.0	624.8	1,379.0	10,925.1	4,999.9	31,765.6

New York ISO

G-to-J Locality Weather Normalized Peak and 2024 Forecast

2023 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	278.1	1,394.5	11,032.9	12,705.5
Cen Hud	1,059.3	0.0	0.0	0.0	1,059.3
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	355.5	0.0	0.0	375.4
O&R	1,095.0	0.0	0.0	0.0	1,095.0
RG&E	0.0	0.0	0.0	0.0	0.0
Total	2,174.2	633.6	1,394.5	11,032.9	15,235.2
NCP/CP Ratio	*1.0142*	*1.0142*	*1.0142*	*1.0142*	

2024 Peak Forecast for G-to-J Locality Before BTM:NG Adjustments						
(1)	(2)	(3)	(4)	(5)	(7)	(8)
	G	H	I	J	G-to-J Total w/o Adjustments	RLGF
Con Ed	0.0	278.9	1,398.5	11,064.9	12,742.3	*1.0029*
Cen Hud	1,052.9	0.0	0.0	0.0	1,052.9	*0.9940*
LIPA	0.0	0.0	0.0	0.0	0.0	*0.9770*
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	*1.0030*
NYSEG	19.9	354.8	0.0	0.0	374.7	*0.9979*
O&R	1,088.4	0.0	0.0	0.0	1,088.4	*0.9940*
RG&E	0.0	0.0	0.0	0.0	0.0	*0.9965*
Total	2,161.2	633.7	1,398.5	11,064.9	15,258.3	*1.0015*

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/CP ratio shown above.

New York ISO

2024 IRM Zonal Forecast

2024 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
2,661.5	2,005.0	2,650.6	692.9	1,321.9	2,279.2	2,131.0	624.8	1,379.0	10,909.9	4,961.0	31,616.8

Zonal Non-Coincident Peak Forecasts Before BTM:NG Adjustments										
A	B	C	D	E	F	G	H	I	J	K
2,760.8	2,050.3	2,722.7	711.5	1,358.9	2,324.8	2,177.2	638.9	1,410.0	11,155.4	5,041.4

G-to-J Locality Peak Forecast Before BTM:NG Adjustments											
A	B	C	D	E	F	G	H	I	J	K	G-to-J
						2,161.2	633.7	1,398.5	11,064.9		15,258.3

Note: All forecast values include impacts of large load growth

New York ISO

2024 IRM Zonal Forecast (cont.)

2024 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
3.2	45.6	44.1		1.8					15.2	38.9	148.8

Zonal Coincident Peak Forecast With BTM:NG Adjustments											
A	B	C	D	E	F	G	H	I	J	K	NYCA
2,664.7	2,050.6	2,694.7	692.9	1,323.7	2,279.2	2,131.0	624.8	1,379.0	10,925.1	4,999.9	31,765.6

Zonal Non-Coincident Peak Forecasts With BTM:NG Adjustments										
A	B	C	D	E	F	G	H	I	J	K
2,764.0	2,095.9	2,766.8	711.5	1,360.7	2,324.8	2,177.2	638.9	1,410.0	11,170.6	5,080.3

G-to-J Locality Peak Forecast With BTM:NG Adjustments											
A	B	C	D	E	F	G	H	I	J	K	G-to-J
						2,161.2	633.7	1,398.5	11,080.1		15,273.5

Note: All forecast values include impacts of large load growth

Questions?

New York ISO

Appendix:
Weather Normalized Coincident Peak Graphs

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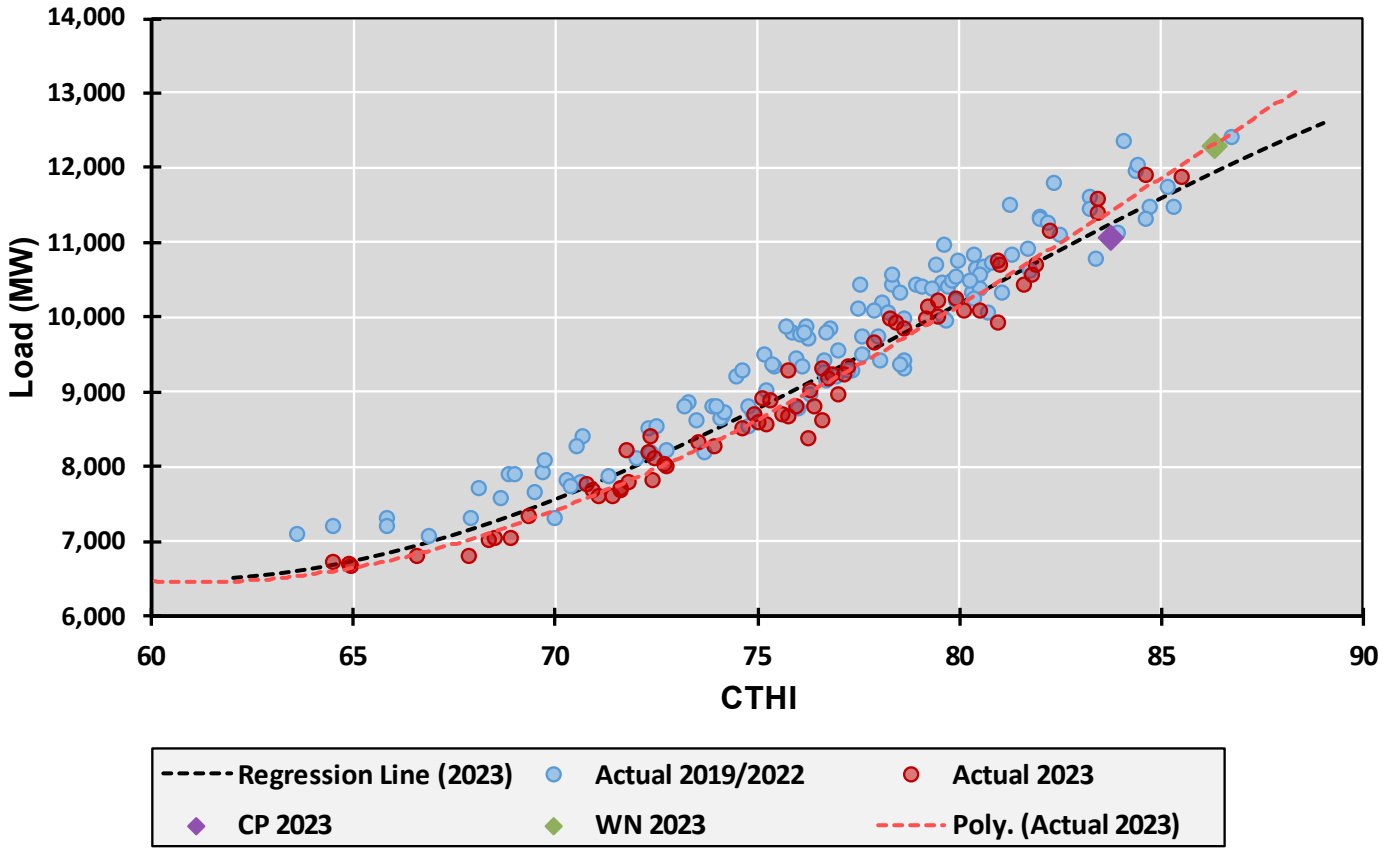
Con Ed Pooled Model



Design condition is 67th percentile.

Purple dot shows 2023 coincident peak.

Green dot shows 2023 weather normalized coincident peak.

Dotted black line shows pooled model fit during 2023 July-Aug design conditions.

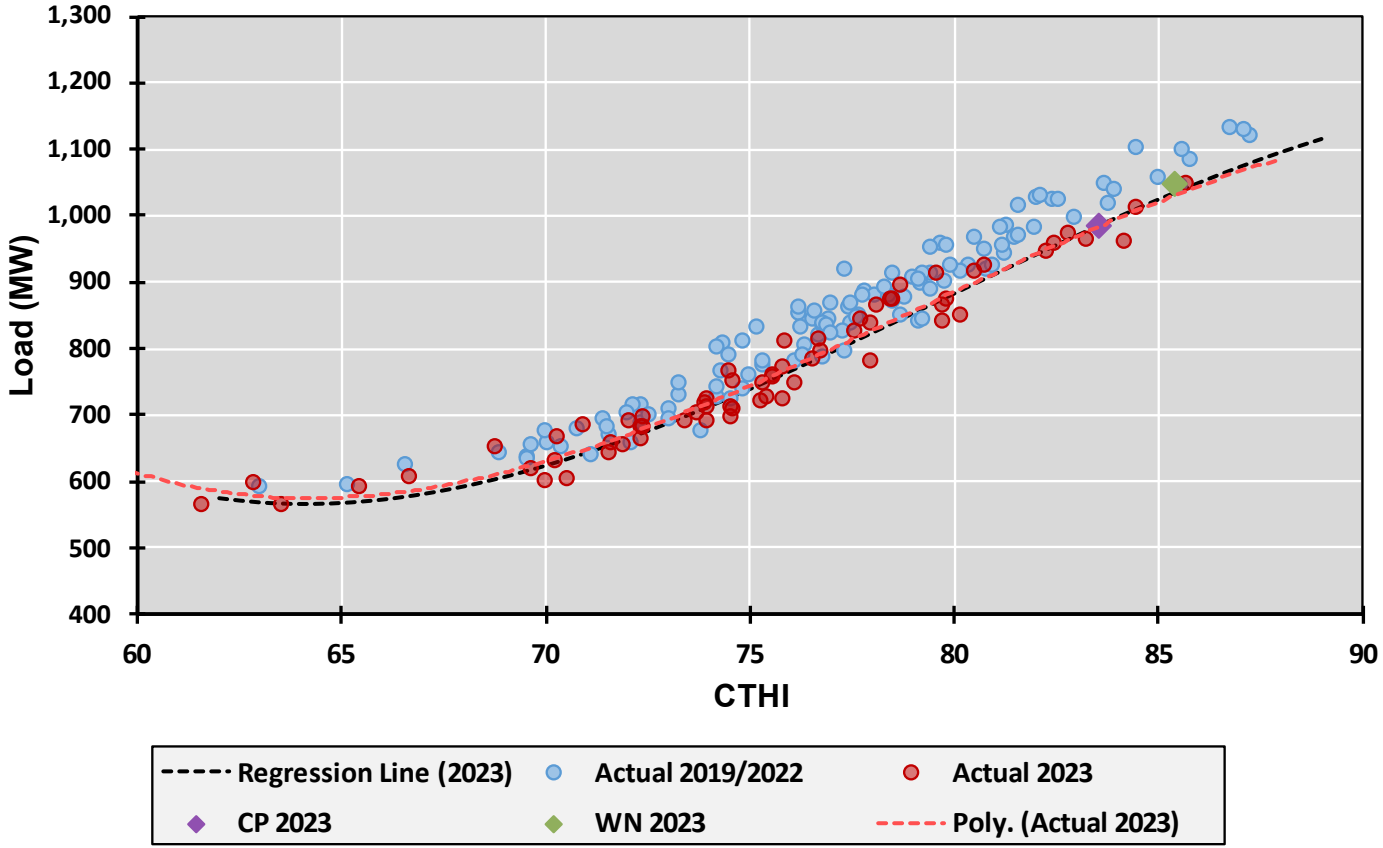
Dotted pink line shows simple polynomial fit through 2023 data

Data and values shown are prior to demand response impacts

2023 CP	11,054.4
2023 CTHI	83.73
Design CTHI	86.31
Weather Adj	1,225.3
2023 WN CP	**12,279.7**

New York ISO

Central Hudson Pooled Model



Design condition is 50th percentile.

Purple dot shows 2023 coincident peak.

Green dot shows 2023 weather normalized coincident peak.

Dotted black line shows pooled model fit during 2023 July-Aug design conditions.

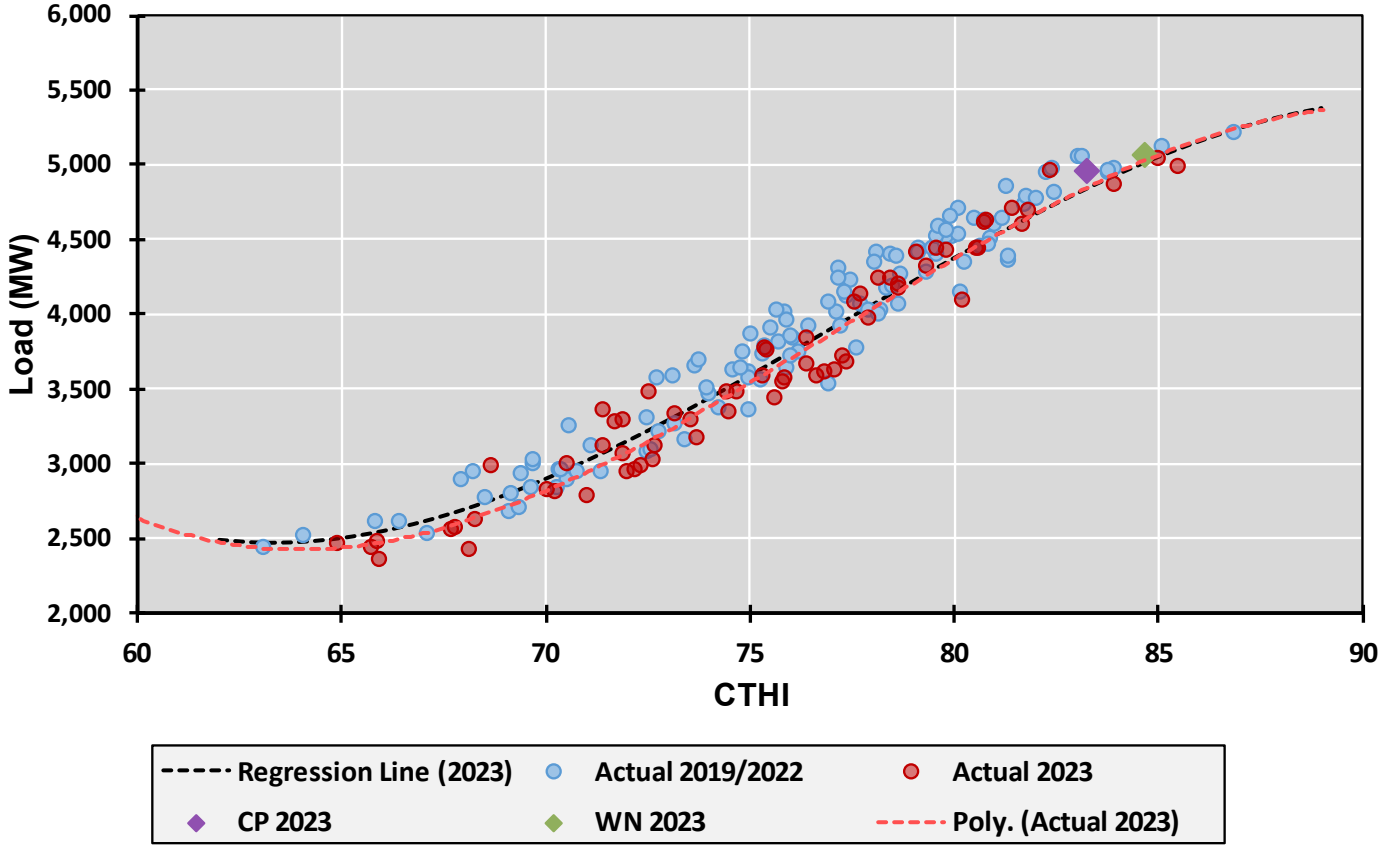
Dotted pink line shows simple polynomial fit through 2023 data

Data and values shown are prior to demand response impacts

2023 CP	986.0
2023 CTHI	83.56
Design CTHI	85.37
Weather Adj	61.4
2023 WN CP	**1,047.4**

New York ISO

LIPA Pooled Model



Design condition is 50th percentile.

Purple dot shows 2023 coincident peak.

Green dot shows 2023 weather normalized coincident peak.

Dotted black line shows pooled model fit during 2023 July-Aug design conditions.

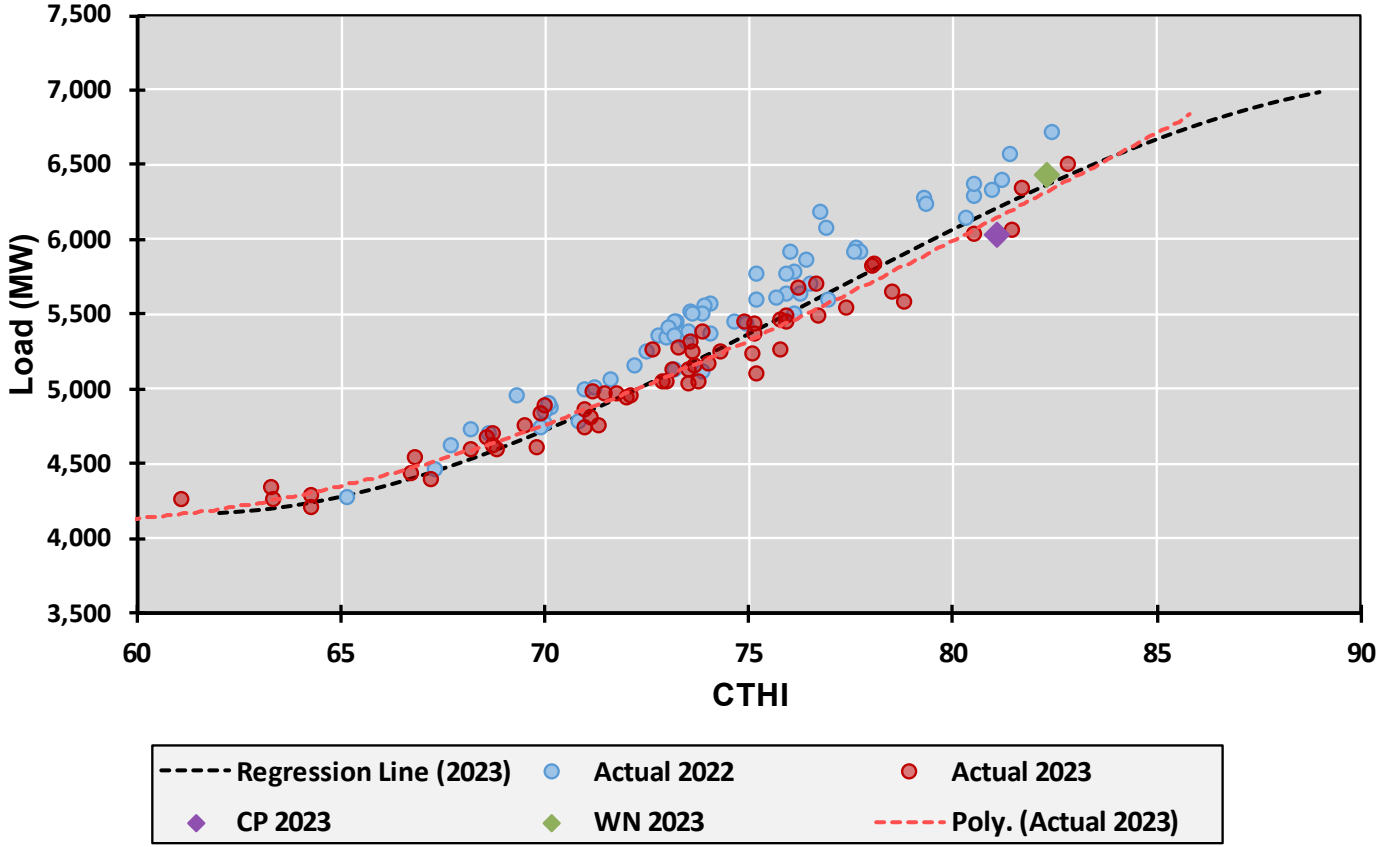
Dotted pink line shows simple polynomial fit through 2023 data

Data and values shown are prior to demand response impacts

2023 CP	4,953.4
2023 CTHI	83.22
Design CTHI	84.67
Weather Adj	106.5
2023 WN CP	**5,059.9**

New York ISO

National Grid Pooled Model



Design condition is 50th percentile.

Purple dot shows 2023 coincident peak.

Green dot shows 2023 weather normalized coincident peak.

Dotted black line shows pooled model fit during 2023 July-Aug design conditions.

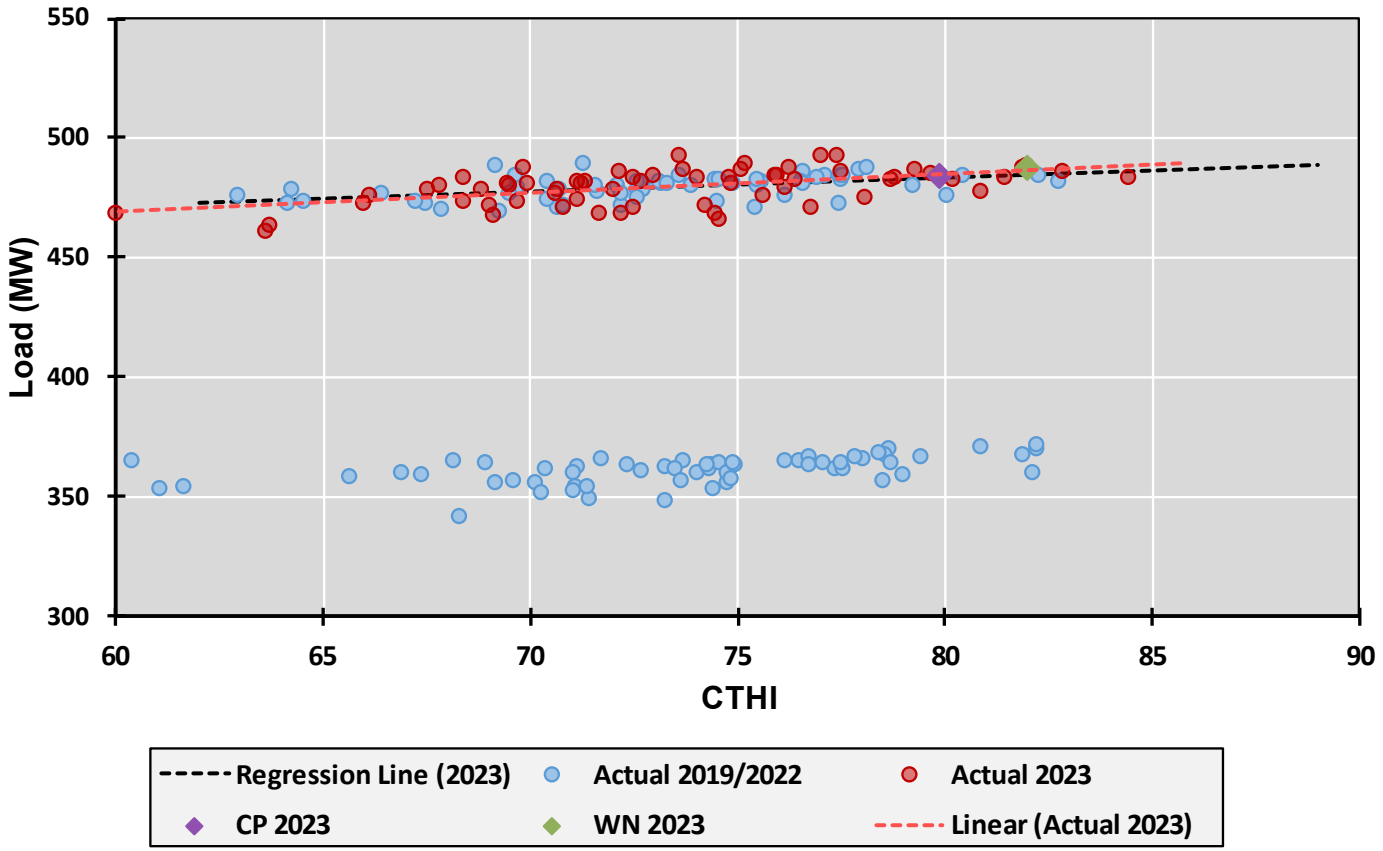
Dotted pink line shows simple polynomial fit through 2023 data

Data and values shown are prior to demand response impacts

2023 CP	6,030.5
2023 CTHI	81.10
Design CTHI	82.32
Weather Adj	402.4
2023 WN CP	**6,432.9**

New York ISO

NYPA Pooled Model



Design condition is 50th percentile.

Purple dot shows 2023 coincident peak.

Green dot shows 2023 weather normalized coincident peak.

Dotted black line shows pooled model fit during 2023 July-Aug design conditions.

Dotted pink line shows simple polynomial fit through 2023 data

Data and values shown are prior to demand response impacts

2023 CP	484.0
2023 CTHI	79.84
Design CTHI	81.99
Weather Adj	3.5
2023 WN CP	**487.5**

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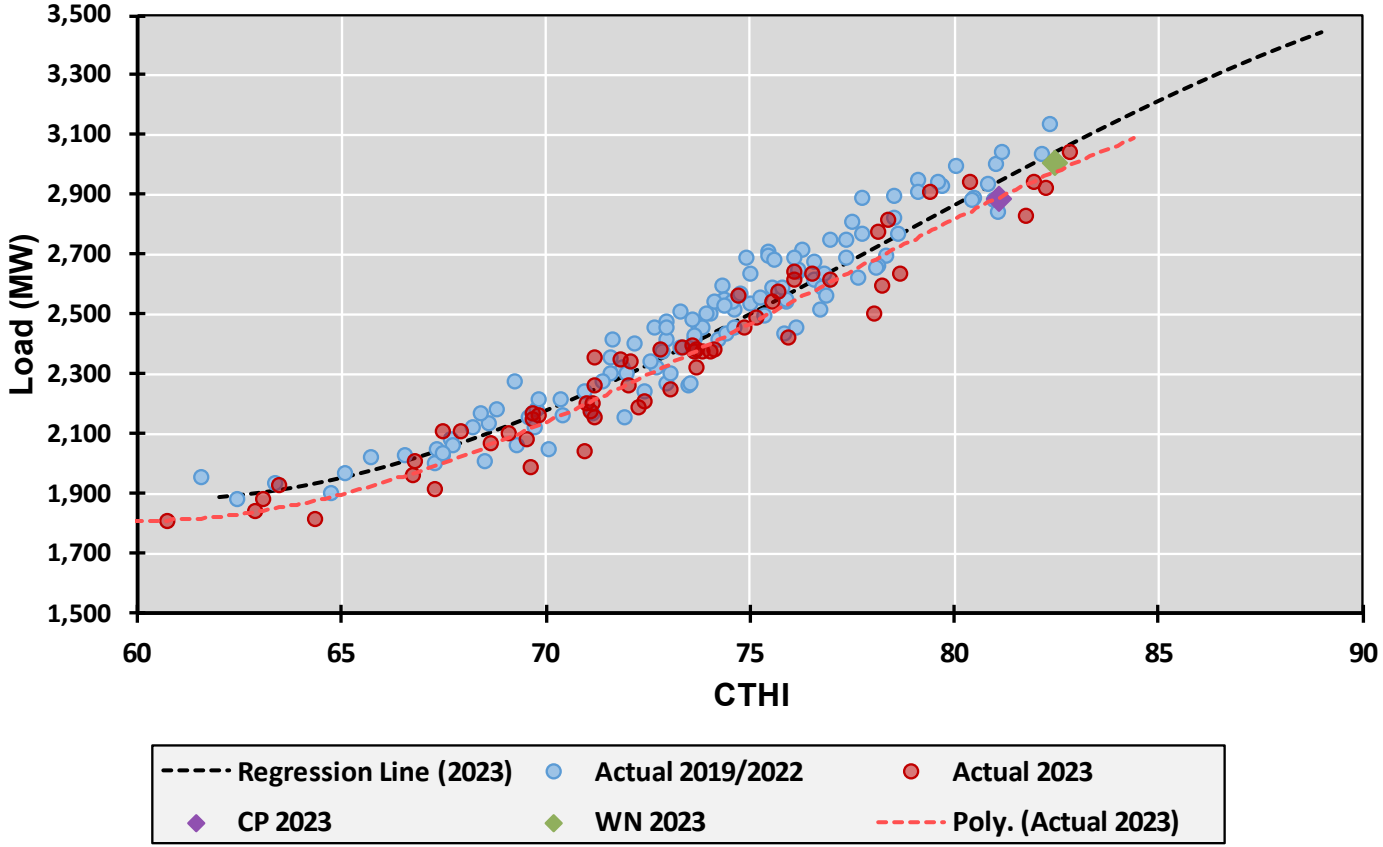
NYSEG Pooled Model



Design condition is 50th percentile.

Purple dot shows 2023 coincident peak.

Green dot shows 2023 weather normalized coincident peak.

Dotted black line shows pooled model fit during 2023 July-Aug design conditions.

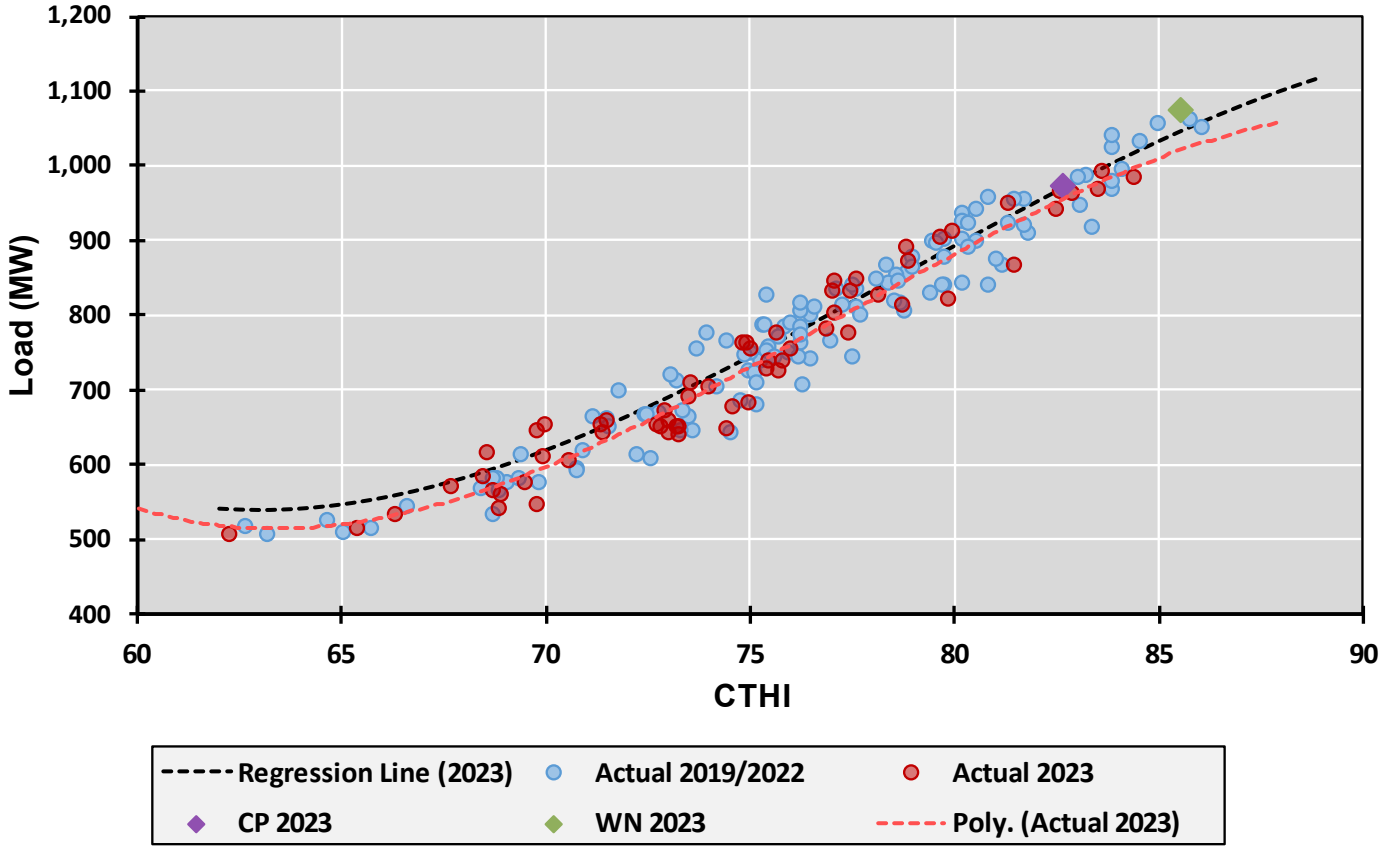
Dotted pink line shows simple polynomial fit through 2023 data

Data and values shown are prior to demand response impacts

2023 CP	2,887.7
2023 CTHI	81.11
Design CTHI	82.48
Weather Adj	120.2
2023 WN CP	**3,007.9**

New York ISO

O&R Pooled Model



Design condition is 67th percentile.

Purple dot shows 2023 coincident peak.

Green dot shows 2023 weather normalized coincident peak.

Dotted black line shows pooled model fit during 2023 July-Aug design conditions.

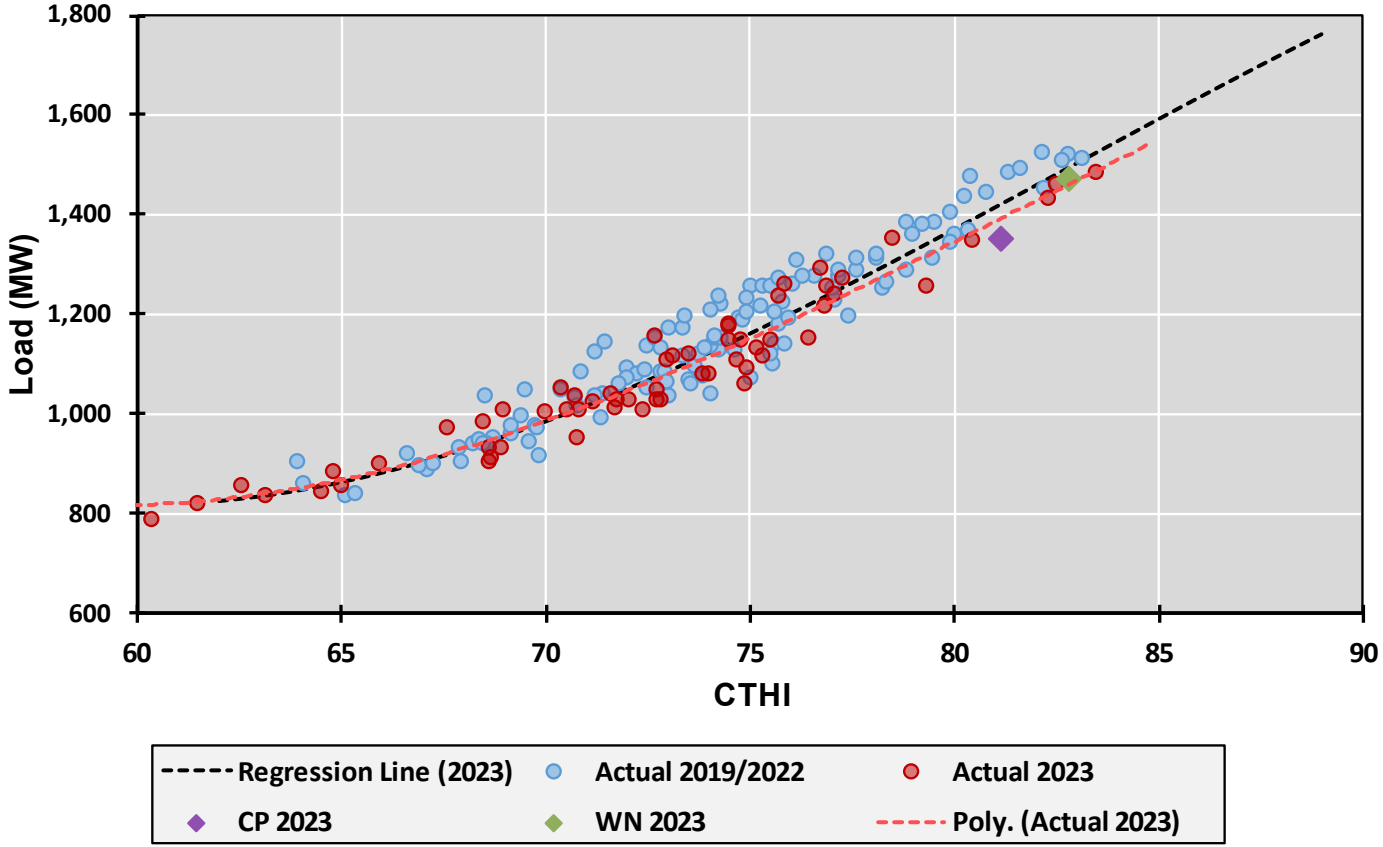
Dotted pink line shows simple polynomial fit through 2023 data

Data and values shown are prior to demand response impacts

2023 CP	974.4
2023 CTHI	82.66
Design CTHI	85.55
Weather Adj	101.3
2023 WN CP	**1,075.7**

New York ISO

RG&E Pooled Model



Design condition is 50th percentile.

Purple dot shows 2023 coincident peak.

Green dot shows 2023 weather normalized coincident peak.

Dotted black line shows pooled model fit during 2023 July-Aug design conditions.

Dotted pink line shows simple polynomial fit through 2023 data

Data and values shown are prior to demand response impacts

2023 CP	1,352.5
2023 CTHI	81.15
Design CTHI	82.82
Weather Adj	120.6
2023 WN CP	**1,473.1**

New York ISO

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

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