

2022 Summer Peak Loads (through mid-August)

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Load Forecasting Task Force

August 26, 2022

Agenda

- Daily System Peak Loads
- July 20th Zonal Coincident Peak Loads
- July 20th Zonal Weather
- Daily Regional Loads
- Zonal Non-Coincident Peaks

Notes

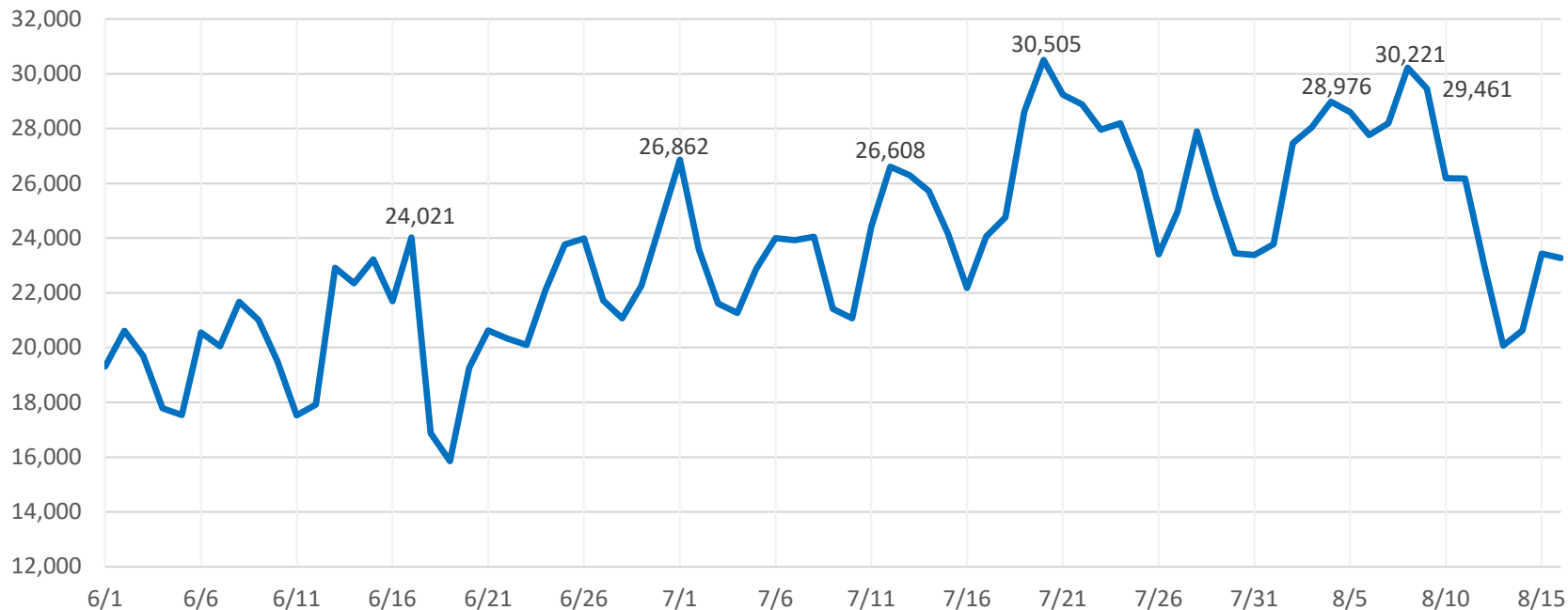
Data presented is from 6/1/22 through 8/16/22

Loads have not yet been adjusted for NYCA demand response calls

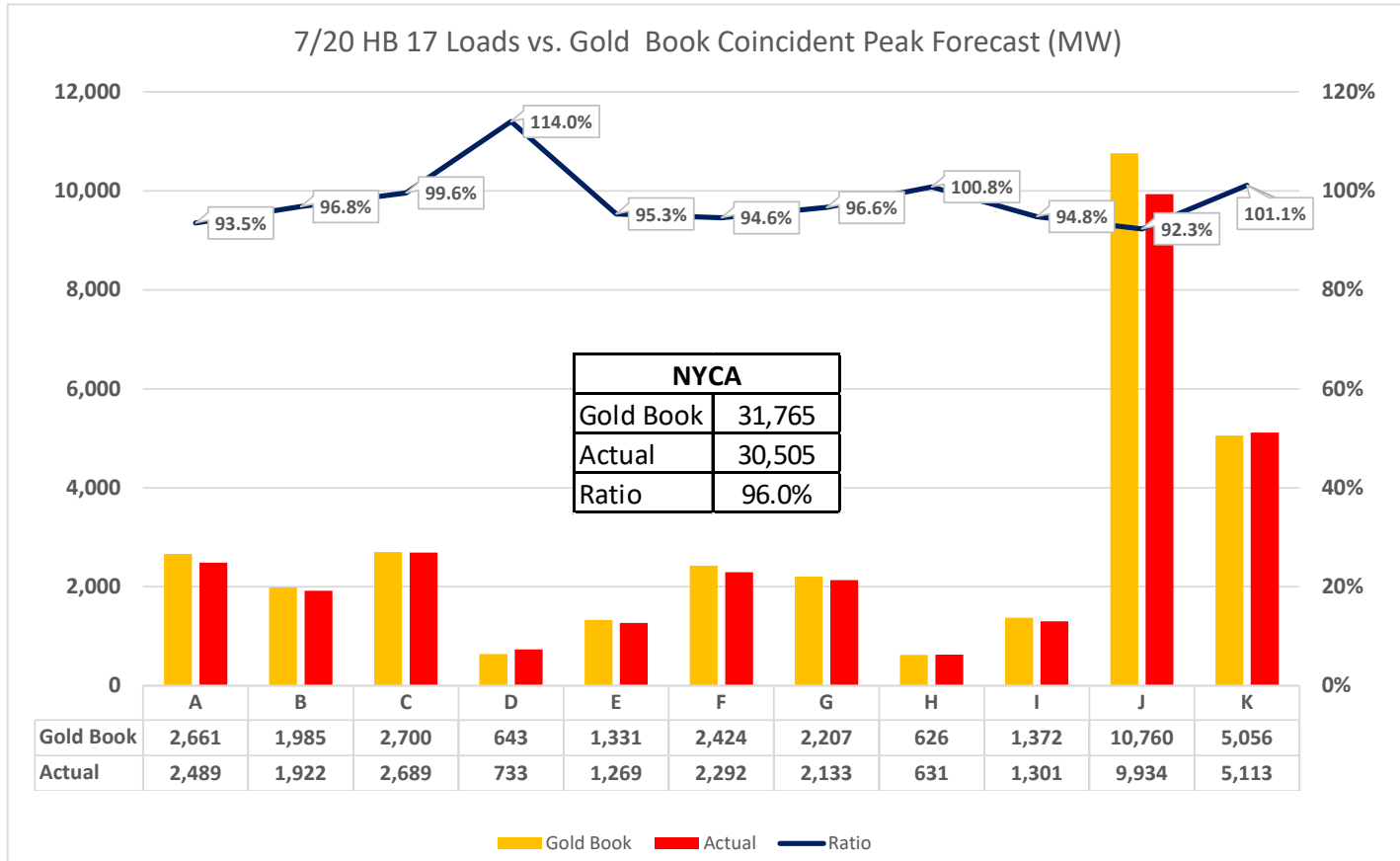
Daily System Peak Loads

Summer 2022 NYCA Daily Peaks (MW)

Peak to Date: 30,505 MW on July 20



July 20th Zonal Coincident Peak Loads



July 20th Zonal Weather

Zonal Peak Producing CTHI - 7/20/2022

Zone	CTHI	+/- Design	Z (Sigma)	Percentile
A	81.0	-0.2	-0.08	47%
B	82.6	-0.3	-0.15	44%
C	82.7	-0.2	-0.11	46%
D	82.3	0.1	0.05	52%
E	82.1	-0.3	-0.14	44%
F	84.8	0.6	0.28	61%
G	84.9	-0.6	-0.05	48%
H	85.5	0.0	0.18	57%
I	84.8	-1.0	-0.04	48%
J	84.7	-1.8	-0.38	35%
K	85.1	0.4	0.15	56%
NYCA	83.6	-0.6	-0.11	46%

20 Year Normal & Design CTHI - 2002 to 2021

Zone	50th	Design	Design Pct	Std Dev
A	81.2	81.2	50%	2.2
B	82.9	82.9	50%	2.1
C	82.9	82.9	50%	2.1
D	82.1	82.1	50%	2.9
E	82.4	82.4	50%	2.1
F	84.1	84.1	50%	2.3
G	85.0	85.4	58%	2.2
H	85.1	85.5	57%	2.2
I	84.9	85.8	67%	2.2
J	85.6	86.5	67%	2.2
K	84.8	84.8	50%	2.4
NYCA	83.8	84.1	57%	2.1

CTHI is the Cumulative Temperature & Humidity Index.

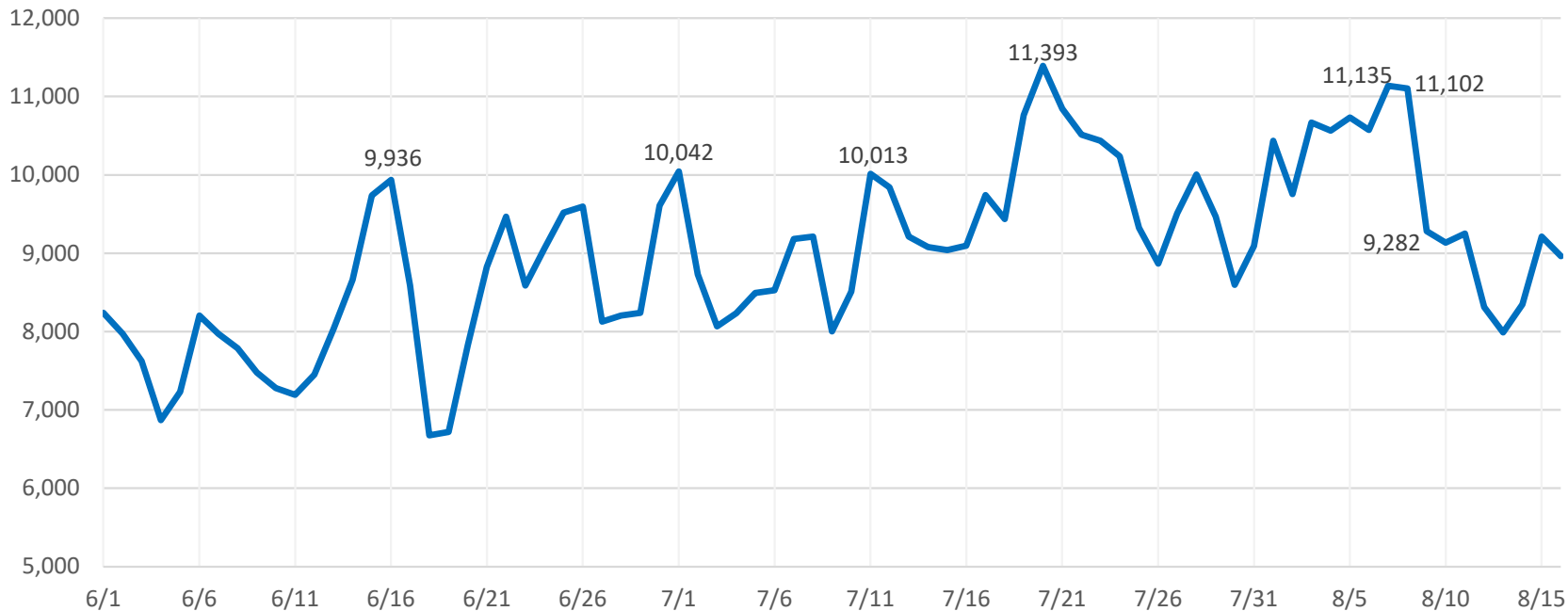
It is a weighted average of the Temperature-Humidity Indices of the current day and the two preceding days.

Zone G through J design percentiles are above 50% due to Con Edison and O&R utilizing 1 in 3 design criteria.

Daily Upstate (A to F) Peak Loads

Summer 2022 Upstate Daily Peaks (MW)

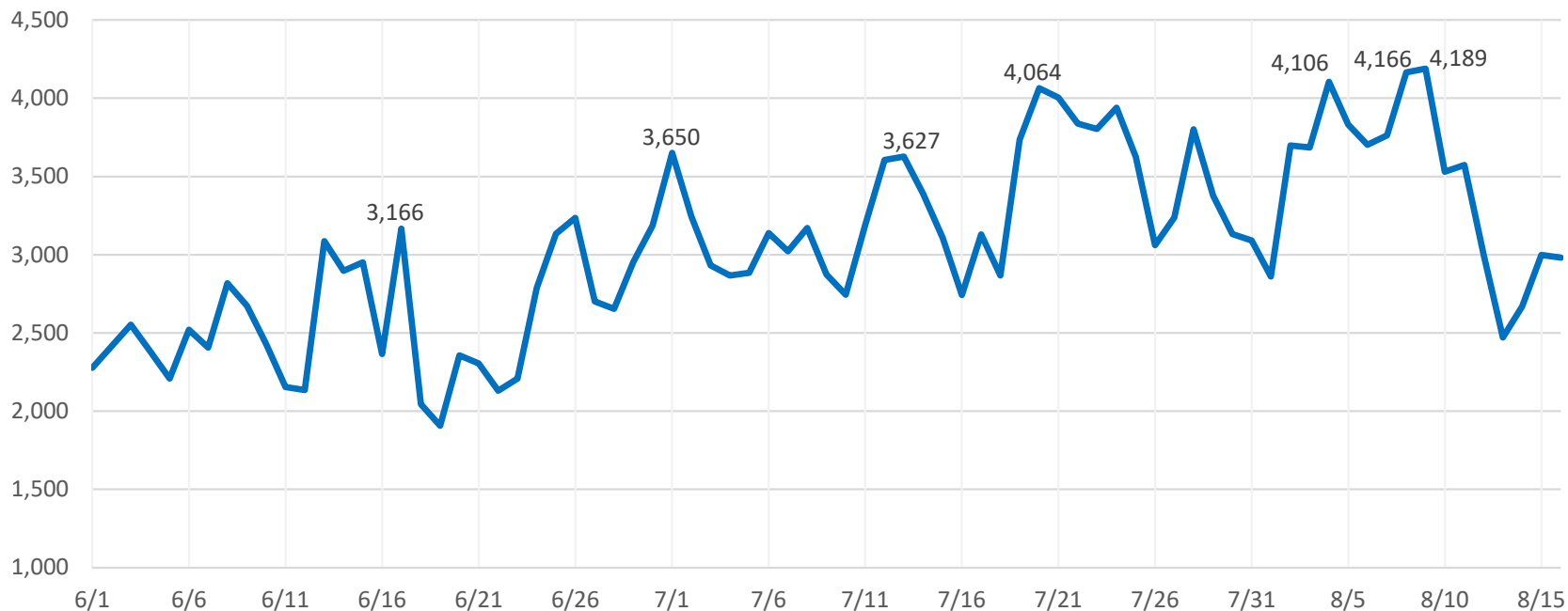
Peak to Date: 11,393 MW on July 20



Daily Zones G to I Peak Loads

Summer 2022 Zones G to I Daily Peaks (MW)

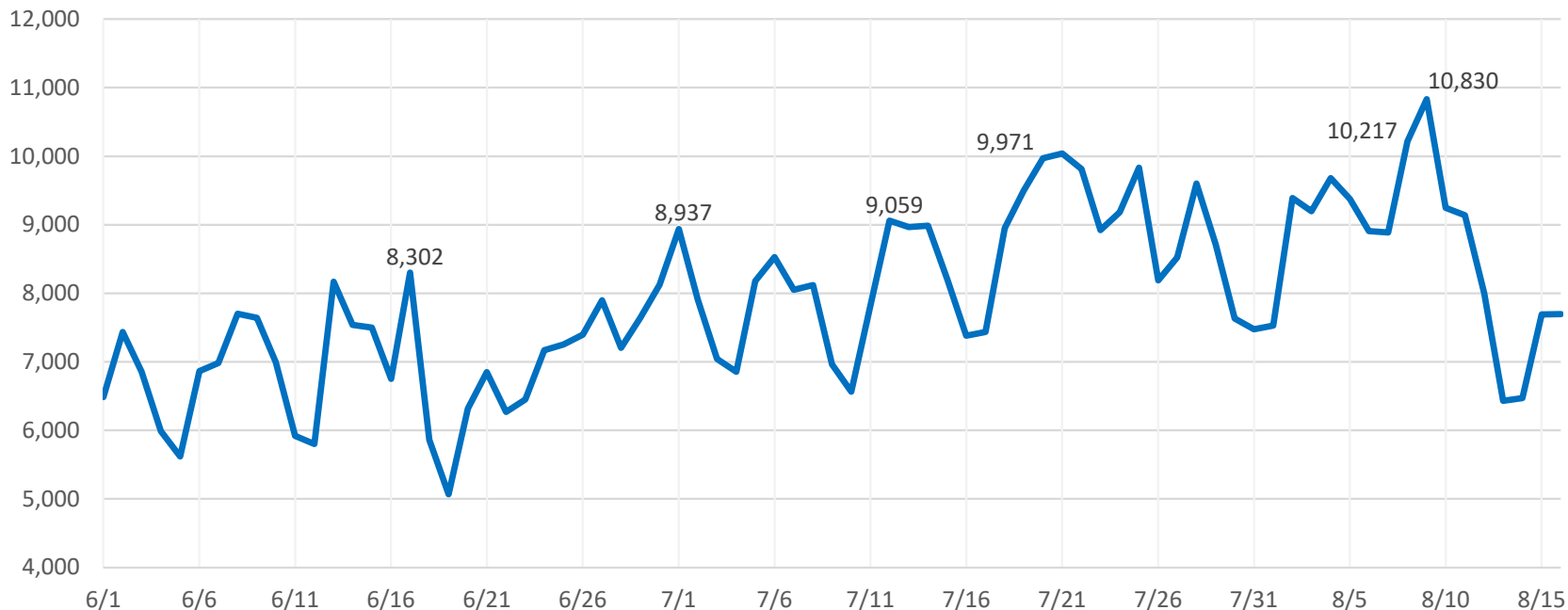
Peak to Date: 4,189 MW on Aug 9



Daily Zone J Peak Loads

Summer 2022 Zone J Daily Peaks (MW)

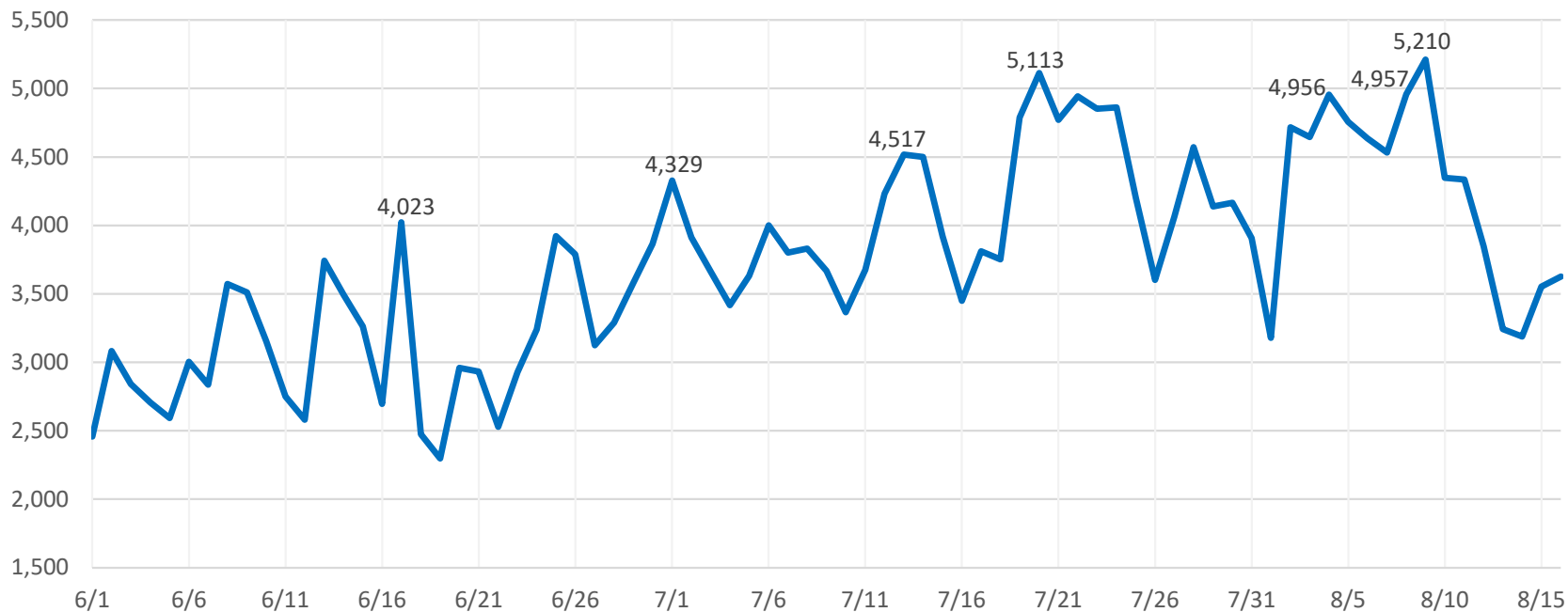
Peak to Date: 10,830 MW on Aug 9



Daily Zone K Peak Loads

Summer 2022 Zone K Daily Peaks (MW)

Peak to Date: 5,210 MW on Aug 9



Zonal Non-Coincident Peaks

Summer to-date

Zone	Non-Coincident Peak Hour	Non-Coincident Peak MW	Coincident Peak MW [^]	NCP to CP % Delta	Gold Book NCP Forecast	NCP to GB % Delta
A	7/20/22 14:00	2,555	2,489	2.7%	2,817	-9.3%
B	6/22/22 15:00	1,923	1,922	0.1%	2,048	-6.1%
C	7/20/22 18:00	2,707	2,689	0.7%	2,765	-2.1%
D*	7/21/22 18:00	735	733	0.3%	658	11.7%
E	8/8/22 16:00	1,314	1,269	3.6%	1,388	-5.3%
F	8/8/22 18:00	2,383	2,292	4.0%	2,463	-3.2%
G	8/8/22 18:00	2,218	2,133	4.0%	2,244	-1.1%
H	8/9/22 17:00	671	631	6.3%	635	5.7%
I	8/9/22 17:00	1,385	1,301	6.5%	1,391	-0.4%
J	8/9/22 16:00	10,830	9,934	9.0%	10,906	-0.7%
K	8/9/22 17:00	5,210	5,113	1.9%	5,137	1.4%

[^] NYCA Coincident Peak Hour to Date - 7/20/22 17:00

*Anomalous load data outliers removed

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