

#### 2025 Load and Capacity Data Report (Gold Book) Load Forecast 2026-2027 Installed Reserve Margin (IRM) Preliminary Base Case (PBC) Results

**Bianca Prinsloo** 

#### **ICS Meeting #304:**

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# 2024 Fall Load Forecast vs 2025 Gold Book Load Forecast

Coincident Peak Forecast	Α	В	С	D	Е	F	G	н	I	J	K	NYCA
2024 Fall Load Forecast	2,926.3	1,874.9	2,533.0	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 Gold Book	2,943.0	1,854.0	2,568.0	1,042.0	1,298.0	2,255.0	2,304.0	620.0	1,320.0	10,790.0	4,996.0	31,990.0
delta	16.7	-20.9	34.1	349.0	8.1	15.8	68.5	19.3	-3.1	6.0	17.4	510.9

NCP Forecast	А	В	С	D	Е	F	G	Н	I	J	к
2024 Fall Load Forecast	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
2025 Gold Book	3,106.0	1,899.0	2,648.0	1,085.0	1,333.0	2,310.0	2,356.0	634.0	1,350.0	11,030.0	5,072.0
delta	17.3	-21.6	34.8	363.7	8.1	16.2	69.8	19.8	-2.7	4.4	17.3

G-J Locality Peak	G	Н	I	J	G-J
2024 Fall Load Forecast	2,271.8	610.5	1,344.7	10,959.8	15,186.8
2025 Gold Book	2,342.0	630.0	1,342.0	10,966.0	15,280.0
delta	70.2	19.5	-2.7	6.2	93.2



# 2026-2027 IRM PBC Impact

Case	IRM	J LCR	K LCR	G-J LCR
	P	arametric		
Previous Case (Parametric Resulted Presented at the 4/29/2025 ICS Meeting)	25.098	75.815	108.436	87.247
2025 Gold Book Load Forecast Update	24.479	76.760	109.419	87.764
delta	-0.619	0.983	0.983	0.517



### **Parametric Result Explained**

Parametric study is conducted sequentially. Isolated impact from an individual database change is based on the at-criteria capacity margin comparison with the previous case

• Margin =  $\frac{at-criteria\ capacity}{peak\ load}$ 

- With the load forecast update, NYCA load increased by 510.9 MW, decreasing the capacity margin by 1.99% before applying any capacity adjustments
- Subsequently, the A-K parametric adjustment is applied with 424.3MW capacity added to NYCA to bring the loss of load expectation (LOLE) back to 0.1
- The larger increase in the peak load forecast for Load Zone D compared to other Load Zones may produce a slightly different IRM impact between the Tan45 and parametric methodologies

	NYCA Capacity (MW)	NYCA Peak Load (MW)	Margin	LOLE
FBC24 Fall Load Forecast	39,608.9	31,649.7	25.15%	0.100
New Load Forecast (2025 Gold Book)	39,608.9	32,160.6	23.16%	0.139
delta	-	510.9	-1.99%	
Capacity Adjustment	424.3	-	-	
New Load Forecast At-Criteria	40,033.2	32,160.6	24.48%	0.100
Parametric Margin Delta	-	-	-0.67%	

Load Forecast Parametric Adjustment



Peak Load 🛛 🔲 IRM 🔶 LOLE

# **Questions?**



### **Our Mission and Vision**

 $\checkmark$ 

#### 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



