

# Breakdown of 2023 Gold Book Load Forecast Parametric Analysis

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# Agenda

- **Summary of Load Forecast Update – NYCA**
- **Summary of Load Forecast Update – Zone K**

# Load Forecast Update – NYCA

- Parametric study is conducted sequentially. Isolated impact from an individual database change is based on the at-criteria margin comparison with the previous case
  - Margin =  $\frac{\text{at-criteria capacity}}{\text{peak load}}$
- With the load forecast update, NYCA load goes up by 205.5 MW, decreasing the margin by 0.76%, before applying any capacity adjustments
- Subsequently, A-K parametric adjustment is applied with 107.9 MW capacity added to NYCA

	Capacity	Peak Load (NYCA)	Margin
<b>FBC23 Fall Load Forecast</b>	38615.8	32246.0	<b>19.75%</b>
New Load Forecast	38615.8	32451.5	19.00%
<i>Delta</i>	-	205.5	-0.76%
Capacity Adjustment	107.9	-	-
<b>New Load Forecast At-Criteria</b>	38723.7	32451.5	<b>19.33%</b>
<i>Parametric Margin Delta</i>	-	-	<b>-0.43%</b>

# Load Forecast Update – Zone K

- During the load forecast update, Zone K load goes down by 43.2 MW, increasing the margin by 0.93%, before applying any capacity adjustments
- Subsequently, A-K parametric adjustment is applied with 31.2 MW capacity added to Zone K

	Capacity	Peak Load (Zone K)	Margin
<b>FBC23 Fall Load Forecast</b>	5505.3	5133.3	<b>107.25%</b>
New Load Forecast	5505.3	5090.1	108.16%
Delta	-	-43.2	0.91%
Capacity Adjustment	31.2	-	-
<b>New Load Forecast At-Criteria</b>	5536.5	5090.1	<b>108.77%</b>
<i>Parametric Margin Delta</i>	-	-	<b>1.52%</b>

- The zonal capacity adjustment during parametric study will be balanced during the Tan45 process

# 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