

# NYISO OPERATIONS REPORT

## FOR the Month of

### May 2023

**Peak Load**

The peak load for the month was 19,777 MW, which occurred on Wednesday, May 31, 2023, for hour beginning 18:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 21,742 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,405	2,743	3,967
DSASP Cont.	224	0	234

The NYCA all time summer peak load of 33,956 MW, which occurred on Friday, July 19, 2013 for hour beginning 16:00.

**Major Emergencies**

The Major Emergency state was declared 0 times during May of 2022

**Alert States**

ON 5 OCCASIONS AN ALERT STATE WAS DECLARED:

- 2 SYSTEM FREQUENCY 2 LOW 0 HIGH
- 1 ACE GREATER THAN (+OR-) 500MW
- 0 SHORTAGE OF 10 MIN SYNCHRONIZED RESERVE
- 0 SHORTAGE OF 10 MIN TOTAL RESERVE
- 0 ACTUAL FLOW EXCEEDING LTE FOR LESS THAN 5 MIN
- 0 ACTUAL VOLTAGE BELOW PRE-CONTINGENCY LOW LIMIT
- 1 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT
- 1 EXCEEDING TRANSIENT STABILITY LIMIT
- 0 NYISO COMPUTER PROBLEM
- 0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION
- 0 EMERGENCY TRANSFER DECLARED
- 0 GIC (SMD) ACTIVITY
- 0 SEVERE WEATHER
- 0 OTHER

The Alert state was declared 10 times during May of 2022

**Thunder Storm Alerts**

0 Thunder Storm Alerts were declared for the month of May for a total of 0:00 hours

**Reserve Activations**

ON 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 2 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 5 SIMULTANEOUS ACTIVATION OF RESERVES
- 1 FOR ISO-NE

- 3 FOR IESO
- 0 FOR PJM
- 1 FOR NYISO
- 0 FOR NB
- 0 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 0 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 0 OTHER (FIXED GEN CHANGES / COMPUTER PROBLEMS)

- 0 OF THESE RESERVE ACTIVATION'S DID NOT RESULT IN THE ACE-CROSSING ZERO
- 0 OF THE NON-ZERO CROSSINGS REQUIRED ANOTHER RESERVE PICKUP TO BE INITIATED
- 0 NON-ZERO CROSSINGS WERE ASSOCIATED WITH A UNIT LOSS

ON 11 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF May 2022  
 8 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources: None  
 Emergency Demand Response Program: None  
 Purchases: None  
 Sales: None

**TLR 3 Declared**

0 TLR Level 3's were declared for the month of May for a total of 0:00 hours

**Inadvertent Accumulations for April-2023**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	-12,651	MWh	15,587	MWh
Off-Peak:	-1,185	MWh	-14,063	MWh

**NERC Control Performance**

CPS1: 162.67 %  
 BAAL VIOLATIONS: 0

**NERC/NPCC Reportable DCS Events**

On 5/19/2023 SAR was initiated at 19:17 followed by a RPU at 19:18 for the loss of Astoria 5 (loaded at 250 MW) and NYPA Astoria CC1&2 (loaded at 500 MW). ACE crossed zero. The RPU was terminated at 19:28. SAR was terminated at 19:47.