

# NYISO OPERATIONS REPORT

## FOR the Month of December 2022

### Peak Load

The peak load for the month was 22,004 MW, which occurred on Saturday , December 24, 2022 , for hour beginning 17:00 . At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 23,969 MW for that hour.

### Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,764	2,428	2,545
DSASP Cont.	55	0	55

The NYCA all time winter peak load of 25,738 MW, which occurred on Tuesday, January 7, 2014 for hour beginning 18:00 .

### Major Emergencies

None

The Major Emergency state was declared 0 times during December of 2021

### Alert States

ON 12 OCCASIONS AN ALERT STATE WAS DECLARED:

1 SYSTEM FREQUENCY 1 LOW 0 HIGH  
0 ACE GREATER THAN (+OR-) 500MW  
4 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  
5 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT  
0 EXCEEDING TRANSIENT STABILITY LIMIT  
0 NYISO COMPUTER PROBLEM  
0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION  
2 EMERGENCY TRANSFER DECLARED  
0 GIC (SMD) ACTIVITY  
0 SEVERE WEATHER  
0 OTHER

The Alert state was declared 8 times during December of 2021

### Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of December for a total of 0.06 hours

**Reserve Activations**

ON 19 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 4 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 3 MAINTENANCE OF SYNCHRONIZED RESERVES
- 9 SIMULTANEOUS ACTIVATION OF RESERVES
  - 1 FOR ISO-NE
  - 0 FOR IESO
  - 5 FOR PJM
  - 2 FOR NYISO
  - 1 FOR NB
- 5 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 1 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 4 OTHER (FIXED GEN CHANGES / COMPUTER PROBLEMS)

- 3 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 4 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF December 2021  
3 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources: None  
Emergency Demand Response Program: None  
Purchases: 12/24 8:00 9:00 Emergency energy purchases to support energy flow to PJM

Sales: None

**TLR 3 Declared**

4 TLR Level 3's were declared for the month of December for a total of 24 hours

**Inadvertent Accumulations for November-2022**

	Monthly <u>Accumulation</u>	End of Month <u>Balance</u>	
On-Peak:	11,411 MWh	16,267	MWh
Off-Peak:	-1,680 MWh	-16,127	MWh

**NERC Control Performance**

CPS1: 162.93 %  
BAAL Violations: 0

**NERC/NPCC Reportable DCS Events**

On 12/21/2022 A RPU was initiated at 21:42 for the loss of Bowline 2 loaded at 525 MW. ACE crossed zero and the RPU was terminated at 21:52.

On 12/26/2022 A SAR and a RPU was initiated at 00:10 for the loss of Roseton 2 loaded at 615 MW. ACE crossed zero and the RPU was terminated at 00:17. SAR was terminated at 00:30.