

**NYISO OPERATIONS REPORT  
FOR the Month of  
January 2022**

**Peak Load**

The peak load for the month was 23,237 MW, which occurred on Tuesday, January 11, 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 25,202 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,476	2,732	4,533
DSASP Cont.	152	0	152

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 January of 2021

**Alert States**

ON 10 OCCASIONS AN ALERT STATE WAS DECLARED:

- 1 SYSTEM FREQUENCY 1 LOW 0 HIGH
- 3 ACE GREATER THAN (+OR-) 500MW
- 1 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
- 0 EMERGENCY TRANSFER DECLARED
- 0 GIC (SMD) ACTIVITY
- 0 SEVERE WEATHER
- 0 OTHER

The Alert state was declared 8 times during January of 2021

**Thunder Storm Alerts**

0 Thunder Storm Alerts were declared for the month of January for a total of 0 Hours.

**Reserve Activations**

ON 24 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

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

- 1 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 9 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF January 2021  
7 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

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

**TLR 3 Declared**

18 TLR Level 3's were declared for the month of January for a total of 297.08 hours.

**Inadvertent Accumulations for December-2021**

	Monthly <u>Accumulation</u>		End of Month <u>Balance</u>	
On-Peak:	4,278	MWh	20,911	MWh
Off-Peak:	9,357	MWh	34,135	MWh

**NERC Control Performance**

CPS1: 153.08 %  
BAAL Violations: 0

**NERC/NPCC Reportable DCS Events**

On 01/02/2022 a SAR was initiated at 17:00 and a RPU was initiated at 17:01 for the loss of Bowline 1 loaded at 560 MW. ACE crossed zero and the RPU was terminated at 17:06. SAR was terminated at 17:25.

On 01/16/2022 a SAR was initiated at 04:40 and a RPU was initiated at 04:41 for the loss of CPV Valley CC1 and CC2 loaded at 754 MW. ACE crossed zero and the RPU was terminated at 04:49. SAR was terminated at 05:10.