

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.