

**NYISO OPERATIONS REPORT  
FOR the Month of  
October 2021**

**Peak Load**

The peak load for the month was 19,594 MW, which occurred on Friday, October 15, 2021, for hour beginning 16:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 21,559 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,234	3,437	4,290
DSASP Cont.	157	0	158

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**

None

The Major Emergency state was declared 0 times during October of 2020

**Alert States**

ON 15 OCCASIONS AN ALERT STATE WAS DECLARED:

- 1 SYSTEM FREQUENCY 1 LOW 0 HIGH
- 2 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
- 3 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT
- 0 EXCEEDING TRANSIENT STABILITY LIMIT
- 0 NYISO COMPUTER PROBLEM
- 0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION
- 9 EMERGENCY TRANSFER DECLARED
- 0 GIC (SMD) ACTIVITY
- 0 SEVERE WEATHER
- 0 OTHER

The Alert state was declared 4 times during October of 2020

**Thunder Storm Alerts**

1 Thunder Storm Alerts were declared for the month of October for a total of 3.0 hours

**Reserve Activations**

ON 8 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 6 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 6 SIMULTANEOUS ACTIVATION OF RESERVES
  - 1 FOR ISO-NE
  - 0 FOR IESO
  - 0 FOR PJM
  - 5 FOR NYISO
  - 0 FOR NB
- 1 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 0 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 1 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 4 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF October 2020  
0 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

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

**TLR 3 Declared**

1 TLR Level 3's were declared for the month of October for a total of 5.0 hours

**Inadvertent Accumulations for September-2021**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	8,496	MWh	5,173	MWh
Off-Peak:	13,380	MWh	4,409	MWh

**NERC Control Performance**

CPS1: 153.22 %  
 BAAL Violations: 0

**NERC/NPCC Reportable DCS Events**

On 10/10/2021 a SAR and RPU was initiated at 02:52 for the loss of Astoria Energy CC1 and CC2

loaded at 540 MW. ACE crossed zero and the RPU was terminated at 02:57. SAR was terminated at 03:08.

On 10/13/2021 a SAR was initiated at 09:09 and a RPU was initiated at 09:10 for the loss of Bowline 1 loaded at 542 MW. ACE crossed zero and the RPU was terminated at 09:19. SAR was terminated at