

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

Peak Load

The peak load for the month was 30,309 MW, which occurred on Thursday, August 26, 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 32,274 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,385	2,530	3,084
DSASP Cont.	58	0	59

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 August of 2020

Alert States

ON 4 OCCASIONS AN ALERT STATE WAS DECLARED:

- 1 SYSTEM FREQUENCY 1 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
- 0 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 August of 2020

Thunder Storm Alerts

4 Thunder Storm Alerts were declared for the month of August for a total of 13.3 hours

Reserve Activations

ON 7 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 5 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 3 SIMULTANEOUS ACTIVATION OF RESERVES
 - 0 FOR ISO-NE
 - 1 FOR IESO
 - 1 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 18 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF August 2020
 10 OF THESE PICKUPS WERE FOR ACE.

Emergency Actions

Special Case Resources:	SCR Activation Zone	K	8/11/2021	13:00-19:00
	SCR Activation Zone	K	8/12/2021	13:00-20:00
	SCR Activation Zone	K	8/13/2021	13:00-20:00
	SCR Activation Zone	K	8/25/2021	13:00-20:00
	SCR Activation Zone	K	8/26/2021	13:00-20:00
	SCR Activation Zone	K	8/27/2021	13:00-20:00
Emergency Demand Response Program:	None			
Purchases:	None			
Sales:	None			

TLR 3 Declared

0 TLR Level 3's were declared for the month of August for a total of 0 hours

Inadvertent Accumulations for July-2021

	<u>Monthly</u> <u>Accumulation</u>		<u>End of Month</u> <u>Balance</u>	
On-Peak:	3,391	MWh	1,755	MWh
Off-Peak:	5,948	MWh	-18,264	MWh

NERC Control Performance

CPS1: 156.42 %
BAAL Viola 0

NERC/NPCC Reportable DCS Events

On 08/20/2021 SAR was initiated at 14:19 and a RPU was initiated at 14:20 for the loss of Bowline 2 loaded at 527MW. ACE crossed zero and the RPU was terminated at 14:24. SAR was terminated at 14:29.

On 08/29/2021 a RPU was initiated at 20:34 for the loss of Astoria Energy 2 CC3 and CC4 loaded at 567MW. ACE crossed zero and the RPU was terminated at 20:40.