

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

	Monthly <u>Accumulation</u>	End of Month <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.