

NYISO OPERATIONS REPORT FOR the Month of July 2022

Peak Load

The peak load for the month was 30,505 MW, which occurred on Wednesday, July 20, 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 32,470 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,125	2,141	3,245
DSASP Cont.	55	0	55

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 July of 2021

Alert States

ON 5 OCCASIONS AN ALERT STATE WAS DECLARED:

2 SYSTEM FREQUENCY 2 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 5 times during July of 2021

Thunder Storm Alerts

9 Thunder Storm Alerts were declared for the month of July for a total of 29.9 hours

Reserve Activations

ON 15 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

5 LOSS OF NEW YORK CONTROL AREA GENERATORS
 0 MAINTENANCE OF SYNCHRONIZED RESERVES
 5 SIMULTANEOUS ACTIVATION OF RESERVES
 3 FOR ISO-NE
 0 FOR IESO
 1 FOR PJM
 1 FOR NYISO
 0 FOR NB
 6 LARGE CONTROL ERRORS (ABOVE 200MW)
 0 LOAD PICKUP
 0 SCHEDULE CHANGE & LOAD PICKUP
 0 SCHEDULE CHANGE
 0 SCHEDULE CHANGE DUE TO TLR
 6 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 10 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF July 2021
 9 OF THESE PICKUPS WERE FOR ACE.

Emergency Actions

Special Case Resources:	SCR	Zone	F	7/19/2022	16:00-22:00
	SCR	Zone	F	7/20/2022	15:00-22:00
Emergency Demand Response Program:	None				
Purchases:	None				
Sales:	None				

TLR 3 Declared

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

Inadvertent Accumulations for June-2022

	Monthly <u>Accumulation</u>	End of Month <u>Balance</u>	
On-Peak:	-6,924 MWh	-8,176 MWh	
Off-Peak:	-11,770 MWh	12,509 MWh	

NERC Control Performance

CPS1: 158.38 %
BAAL Violations: 0

NERC/NPCC Reportable DCS Events

On 07/06/2022 a SAR and RPU was initiated at 15:57 for the loss of the 7040 loaded at 1220 MW. ACE crossed zero and the RPU was terminated at 16:01, SAR was terminated at 16:20.

On 07/27/2022 a RPU was initiated at 11:23 for the loss of Bowline 1 loaded at 514 MW. ACE crossed zero and the RPU was terminated at 11:30.