

## 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.