

## NYISO OPERATIONS REPORT FOR the Month of July 2019

### Peak Load

The peak load for the month was 30,397 MW, which occurred on Saturday, July 20, 2019, 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 32,362 MW for that hour.

### Reserve Requirements:

Reserve Requirement	10 sync	Non sync	30 min
For Hour	1,639	2,605	4,389
DSASP Cont.	66	0	66

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 2018

### Alert States

ON 15 OCCASIONS AN ALERT STATE WAS DECLARED:

0 SYSTEM FREQUENCY 0 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  
 10 EMERGENCY TRANSFER DECLARED  
 0 GIC (SMD) ACTIVITY  
 0 SEVERE WEATHER  
 0 OTHER

The Alert state was declared 5 times during July of 2018

### Thunder Storm Alerts

4 Thunder Storm Alerts were declared for the month of July for a total of 25.48 hours

**Reserve Activations**

ON 15 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 3 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 6 SIMULTANEOUS ACTIVATION OF RESERVES
  - 1 FOR ISO-NE
  - 3 FOR IESO
  - 0 FOR PJM
  - 2 FOR NYISO
  - 0 FOR NB
- 8 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 0 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 8 OTHER (FIXED GEN CHANGES / COMPUTER PROBLEMS)

- 2 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 11 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF July 2018  
6 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources: None  
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 0:00 hours

**Inadvertent Accumulations for June-2019**

	Monthly Accumulation		End of Month Balance	
On-Peak:	-5,501	MWh	-23,451	MWh
Off-Peak:	1,484	MWh	-24,807	MWh

**NERC Control Performance**

CPS1: 158.73 %  
BAAL Violations: 0

**NERC/NPCC Reportable DCS Events**

On July 11, 2019 SAR was initiated at 20:48 and an RPU was initiated at 20:50 for the loss of MSU1/7040 loaded a 1493MW. ACE crossed zero and the RPU was terminated at 20:59. SAR was terminated at 21:13

On July 26, 2019 SAR was initiated at 18:13 and an RPU was initiated at 18:14 for the loss of the 7040 tie loaded a

1500MW. ACE crossed zero and the RPU was terminated at 18:20. SAR was terminated at 18:28