

# NYISO OPERATIONS REPORT FOR the Month of August 2016

## Peak Load

The peak load for the month was 32,076 MW, which occurred on Thursday, August 11, 2016, 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 34,041 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,541	1,904	2,349
DSASP Cont.	0	0	0

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 1 times during August of 2015

## Alert States

ON 18 OCCASIONS AN ALERT STATE WAS DECLARED:

0 SYSTEM FREQUENCY 0 LOW 0 HIGH  
 4 ACE GREATER THAN (+OR-) 500MW  
 2 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  
 2 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT  
 0 EXCEEDING TRANSIENT STABILITY LIMIT  
 0 NYISO COMPUTER PROBLEM  
 0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION  
 9 EMERGENCY TRANSFER DECLARED  
 0 GIC (SMD) ACTIVITY  
 0 SEVERE WEATHER  
 1 OTHER

The Alert state was declared 13 times during August of 2015

## Thunder Storm Alerts

7 Thunder Storm Alerts were declared for the month of August for a total of 25 hours

**Reserve Activations**

ON 13 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 4 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 2 MAINTENANCE OF SYNCHRONIZED RESERVES
- 5 SIMULTANEOUS ACTIVATION OF RESERVES
  - 1 FOR ISO-NE
  - 3 FOR IESO
  - 1 FOR PJM
  - 0 FOR NYISO
  - 0 FOR NB
- 2 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 2 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 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF August 2015  
4 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources:                      Activation of all zones (A-K) 8/12/2016 13:00-18:00

SCR Test	Zones F/G/H/I/K	8/25/2016	13:00-14:00
SCR Test	Zone J	8/25/2016	14:00-15:00
SCR Test	Zones B/C/D/E	8/25/2016	15:00-16:00
SCR Test	Zone A	8/25/2016	16:00-17:00

Emergency Demand Response Program:      Activation of all zones (A-K) 8/12/2016 13:00-18:00

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-2016**

	Monthly <u>Accumulation</u>	End of Month <u>Balance</u>		
On-Peak:	3,894 MWh	315,814	MWh	
Off-Peak:	5,143 MWh	197,396	MWh	

**NERC Control Performance**

CPS1: 170.76 %

BAAL Violations 0

**NERC/NPCC Reportable DCS Events**

None