

# NYISO OPERATIONS REPORT

## FOR the Month of December 2015

### Peak Load

The peak load for the month was 21,254 MW, which occurred on Monday, December 28, 2015, 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 23,219 MW for that hour.

### Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,587	3,107	5,085
DSASP Cont.	35	0	35

The NYCA all time winter peak load of 25,738 MW, which occurred on Tuesday, January 07, 2014 for hour beginning 18:00.

### Major Emergencies

None

The Major Emergency state was declared 1 times during December of 2014

### Alert States

ON 16 OCCASIONS AN ALERT STATE WAS DECLARED:

3 SYSTEM FREQUENCY 1 LOW 2 HIGH  
 2 ACE GREATER THAN (+OR-) 500MW  
 1 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  
 9 EMERGENCY TRANSFER DECLARED  
 1 GIC (SMD) ACTIVITY  
 0 SEVERE WEATHER  
 0 OTHER

The Alert state was declared 14 times during December of 2014

### Thunder Storm Alerts

0 Thunder Storm Alerts were declared for the month of December for a total of 0 hours

**Reserve Activations**

ON 8 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 3 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 4 SIMULTANEOUS ACTIVATION OF RESERVES
  - 0 FOR ISO-NE
  - 2 FOR IESO
  - 0 FOR PJM
  - 2 FOR NYISO
  - 0 FOR NB
- 3 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 2 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 1 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 December 2014  
3 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 December for a total of 0 hours

**Inadvertent Accumulations for November-2015**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	7,231	MWh	213,238	MWh
Off-Peak:	152	MWh	124,680	MWh

**NERC Control Performance**

CPS1: 167.44 %  
 CPS2: 99.08 %

**NERC/NPCC Reportable DCS Events**

\*At 17:33 on December 5, 2015, a RPU and SAR were initiated for loss of Indian Point 2 loaded at 1025MW. ACE crossed zero, and the RPU was terminated at 17:39. SAR was terminated at 17:55.

\*At 19:06 on December 14, 2015, a RPU and SAR were initiated for loss of Indian Point 3 loaded at 1040MW.

ACE crossed zero, and the RPU was terminated at 19:14. SAR was terminated at 19:16.