

# NYISO OPERATIONS REPORT

## FOR the Month of January 2010

### Peak Load

The peak load for the month was 23,250 MW, which occurred on Friday, January 29, 2010, for hour beginning 18:00. At that time the Operating Reserve requirement was 1,800 MW. This resulted in a minimum total Operating Capacity requirement of 25,050 MW for that hour.

### Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	600	1,200	1,800
For Hour	931	2,457	5,006
DSASP Cont.	0	0	0

The NYCA all time winter peak load of 25,541 MW, which occurred on Tuesday, January 20, 2004 for hour beginning 17:00.

### Major Emergencies

None

The Major Emergency state was declared 0 times during January of 2009

### Alert Sates

ON 20 OCCASIONS AN ALERT STATE WAS DECLARED:

9 SYSTEM FREQUENCY 8 LOW 1 HIGH  
 4 ACE GREATER THAN (+OR-) 500MW  
 2 SHORTAGE OF 10 MIN SYNCHRONIZED RESERVE  
 0 SHORTAGE OF 10 MIN TOTAL RESERVE  
 0 ACTUAL VOLTAGE BELOW PRE-CONTINGENCY LOW LIMIT  
 3 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT  
 1 EXCEEDING TRANSIENT STABILITY LIMIT  
 0 NYISO COMPUTER PROBLEM  
 0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION  
 1 EMERGENCY TRANSFER DECLARED  
 0 GIC (SMD) ACTIVITY  
 0 SEVERE WEATHER  
 0 OTHER

The Alert state was declared 14 times during January of 2009

### Thunder Storm Alerts

0 Thunder Storm Alerts were declared for the month of January for a total of 0 Hours.

**Reserve Activations**

ON 13 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

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

- 1 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 21 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF January 2009  
16 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources: None  
 Emergency Demand Response Program: None  
 Purchases: None  
 Sales: None

**TLR 3 Declared**

18 TLR Level 3's were declared for the month of January for a total of 159 hours.

**Inadvertent Accumulations for December 2009**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	3,886	MWh	-37,155	MWh
Off-Peak:	12,396	MWh	20,212	MWh

**NERC Control Performance**

CPS1: 151.06 % Full Compliance 0 days below 100%  
 CPS2: 96.77 % Full Compliance 0 days below 90%

**NERC/NPCC Reportable Events**

\*January 7, 2010 at 01:03 a RPU/SAR was activated due to loss of Nine Mile 2 loaded at 1150MW. ACE crossed zero and the RPU was terminated at 01:13, SAR terminated at 01:20. \*\*January 2010 at 16:01 a RPU/SAR was activated due to loss of Indian Point 2 loaded at 1015MW. ACE crossed zero and the RPU was terminated at 16:12, SAR terminated at 16:20.

