

# NYISO OPERATIONS REPORT

## FOR the Month of

### August 2009

#### Peak Load

The peak load for the month was 30,844 MW, which occurred on Monday, August 17, 2009, for hour beginning 15:00. At that time the Operating Reserve requirement was 1,800 MW. This resulted in a minimum total Operating Capacity requirement of 32,644 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	600	1,200	1,800
For Hour	1,141	2,012	3,487
DSASP Cont.	0	0	0

The NYCA all time summer peak load of 33,939 MW, which occurred on Wednesday, August 02, 2006 for hour beginning 13:00.

#### Major Emergencies

None

The Major Emergency state was declared 2 times during August of 2008

#### Alert Sates

ON 7 OCCASIONS AN ALERT STATE WAS DECLARED:

- 1 SYSTEM FREQUENCY 1 LOW 0 HIGH
- 3 ACE GREATER THAN (+OR-) 500MW
- 1 SHORTAGE OF 10 MIN SYNCHRONIZED RESERVE
- 0 SHORTAGE OF 10 MIN TOTAL RESERVE
- 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 29 times during August of 2008

#### Thunder Storm Alerts

8 Thunder Storm Alerts were declared for the month of August for a total of 38 hours

**Reserve Activations**

ON 17 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 9 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 1 MAINTENANCE OF SYNCHRONIZED RESERVES
- 5 ACTIVATION OF SHARED RESERVES
  - 1 FOR ISO-NE
  - 1 FOR IESO
  - 1 FOR PJM
  - 2 FOR NYISO
  - 0 FOR NB
- 4 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 2 LOAD PICKUP
  - 1 SCHEDULE CHANGE & LOAD PICKUP
  - 1 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 0 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 15 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF August 2008  
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**

17 TLR Level 3's were declared for the month of August for a total of 87 hours

**Inadvertent Accumulations for July 2008**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	-5,847	MWh	-55,598	MWh
Off-Peak:	6,631	MWh	-41,668	MWh

**NERC Control Performance**

CPS1: 146.76 % Full Compliance 0 days below 100%  
CPS2: 95.06 % Full Compliance 3 days below 90%

**NERC/NPCC Reportable Events**

\*August 10, 2009 at 20:39 a RPU/SAR was activated due to loss of Indian Point 3 loaded at 1040MW. ACE crossed zero and RPU was terminated at 20:49, SAR terminated at 20:59.

\*\*August 27, 2009 at 19:46 a RPU/SAR was activated due to the loss of Indian Point 3 loaded at 1042MW. ACE crossed zero and RPU was terminated at 19:56, SAR terminated at 20:01.