

# NYISO OPERATIONS REPORT

## FOR the Month of

### March 2016

#### Peak Load

The peak load for the month was 21,234 MW, which occurred on Thursday, March 3, 2016, for hour beginning 18. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 23,199 MW for that hour.

#### Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,185	2,486	4,455
DSASP Cont.	51	0	51

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

\*On March 2, 2016 a Major Emergency was declared at 02:55 when generation was lost in ISONE causing Central East VC to exceed 105%. The Major Emergency was terminated at 02:59.

\*\*On March 2, 2016 a Major Emergency was declared at 08:54 when the Gilboa-Fraser GF5-35 circuit tripped causing Central East VC to exceed 105%. The Major Emergency was terminated at 08:54.

The Major Emergency state was declared 0 times during March of 2015

#### Alert States

ON 21 OCCASIONS AN ALERT STATE WAS DECLARED:

2 SYSTEM FREQUENCY 1 LOW 1 HIGH  
 0 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  
 1 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT  
 0 EXCEEDING TRANSIENT STABILITY LIMIT  
 0 NYISO COMPUTER PROBLEM  
 0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION  
 17 EMERGENCY TRANSFER DECLARED  
 0 GIC (SMD) ACTIVITY  
 0 SEVERE WEATHER  
 0 OTHER

The Alert state was declared 28 times during March of 2015

#### Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of March for a total of 3 hours.

**Reserve Activations**

ON 7 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 0 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 1 MAINTENANCE OF SYNCHRONIZED RESERVES
- 3 SIMULTANEOUS ACTIVATION OF RESERVES
  - 3 FOR ISO-NE
  - 0 FOR IESO
  - 0 FOR PJM
  - 0 FOR NYISO
  - 0 FOR NB
- 3 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 3 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 9 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF March 2015  
5 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources: 3/3/2015 HB16:00 SCR Test Zones A,B  
 3/3/2015 HB17:00 SCR Test Zones C,D,E,F,G,H,I  
 3/3/2015 HB18:00 SCR Test Zones J,K

Emergency Demand Response Program: None  
 Purchases: None  
 Sales: None

**TLR 3 Declared**

0 TLR Level 3's were declared for the month of March for a total of 0 hours

**Inadvertent Accumulations for February-2016**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	14,162	MWh	260,290	MWh
Off-Peak:	6,466	MWh	157,194	MWh

**NERC Control Performance**

CPS1: 164.94 %  
 CPS2: 98.79 %

**NERC/NPCC Reportable DCS Events**

None





