

NYISO OPERATIONS REPORT

FOR the Month of December 2016

Peak Load

The peak load for the month was 24,164 MW, which occurred on Thursday, December 15, 2016, 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 26,129 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	942	2,282	4,385
DSASP Cont.	84	0	84

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 0 times during December of 2015

Alert States

ON 14 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 16 times during December of 2015

Thunder Storm Alerts

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

Reserve Activations

ON 5 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 1 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 5 SIMULTANEOUS ACTIVATION OF RESERVES
 - 2 FOR ISO-NE
 - 2 FOR IESO
 - 0 FOR PJM
 - 1 FOR NYISO
 - 0 FOR NB
- 0 LARGE CONTROL ERRORS (ABOVE 200MW)
 - 0 LOAD PICKUP
 - 0 SCHEDULE CHANGE & LOAD PICKUP
 - 0 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 8 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF December 2015
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:	8,313	MWh	324,035	MWh
Off-Peak:	4,392	MWh	211,376	MWh

NERC Control Performance

CPS1: 186.46 %
 BAAL Violations 0

NERC/NPCC Reportable DCS Events

*At 08:50 on December 10, 2016, SAR was initiated for loss of Nine Mile 1 loaded at 581MW, RPU was initiated at 08:51. ACE crossed zero, and the RPU was terminated at 09:01. SAR was terminated at 09:10.