

# NYISO OPERATIONS REPORT

## FOR the Month of

### May 2017

**Peak Load**

The peak load for the month was 25,578 MW, which occurred on Thursday, May 18, 2017, for hour beginning 16:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 27,543 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,322	2,376	3,446
DSASP Cont.	108	0	108

The NYCA all time summer peak load of 33,956 MW, which occurred on Friday, July 19, 2013 for hour beginning 16:00.

**Major Emergencies**

\*On May 21, 2017 a Major Emergency was declared at 17:19 when generation was lost in ISONE causing Central East VC to exceed 105%. The Major Emergency was terminated at 17:25.

The Major Emergency state was declared 0 times during May of 2016

**Alert States**

ON 24 OCCASIONS AN ALERT STATE WAS DECLARED:

- 2 SYSTEM FREQUENCY 2 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 FLOW EXCEEDING LTE FOR LESS THAN 5 MIN
- 0 ACTUAL VOLTAGE BELOW PRE-CONTINGENCY LOW LIMIT
- 7 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT
- 0 EXCEEDING TRANSIENT STABILITY LIMIT
- 0 NYISO COMPUTER PROBLEM
- 0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION
- 11 EMERGENCY TRANSFER DECLARED
- 0 GIC (SMD) ACTIVITY
- 0 SEVERE WEATHER
- 0 OTHER

The Alert state was declared 13 times during May of 2016

**Thunder Storm Alerts**

3 Thunder Storm Alerts were declared for the month of May for a total of 9:35 hours

**Reserve Activations**

ON 9 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 4 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
- 1 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 0 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 7 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF May 2016  
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 May for a total of 0 hours

**Inadvertent Accumulations for April-2017**

	Monthly <u>Accumulation</u>	End of Month <u>Balance</u>	
On-Peak:	-13,799 MWh	238,305	MWh
Off-Peak:	-9,500 MWh	146,311	MWh

**NERC Control Performance**

CPS1: 171.91 %  
BAAL Violations 0

**NERC/NPCC Reportable DCS Events**

On May 24, 2017 SAR was initiated at 13:20 and a RPU was initiated at 13:21 for loss of Chateauguay-Massena 7040 loaded at 1296MW. ACE crossed zero and the RPU was terminated at 13:28. SAR was terminated at 13:35.