

# NYISO OPERATIONS REPORT FOR the Month of January 2018

## Peak Load

The peak load for the month was 25,081 MW, which occurred on Tuesday, January 5, 2018, 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 27,046 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,246	2,048	3,940
DSASP Cont.	105	0	105

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 January of 2017

## Alert States

ON 12 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 15 times during January of 2017

## Thunder Storm Alerts

0 Thunder Storm Alerts were declared for the month of January for a total of 0:00 Hours.

**Reserve Activations**

ON 11 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

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

- 1 OF THESE RESERVE ACTIVATION'S DID NOT RESULT IN THE ACE-CROSSING ZERO
- 1 OF THE NON-ZERO CROSSINGS REQUIRED ANOTHER RESERVE PICKUP TO BE INITIATED
- 0 NON-ZERO CROSSINGS WERE ASSOCIATED WITH A UNIT LOSS

ON 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF January 2017  
1 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

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

**TLR 3 Declared**

1 TLR Level 3's were declared for the month of January for a total of 9:23 hours.

**Inadvertent Accumulations for December-2017**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	-16,072	MWh	62,389	MWh
Off-Peak:	-11,050	MWh	41,177	MWh

**NERC Control Performance**

CPS1: 195.53 %  
 BAAL Violations 0

**NERC/NPCC Reportable DCS Events**

On January 7, 2018 SAR was initiated at 07:45 and a RPU was initiated at 07:46 for loss of Roseton 1 loaded at 600MW. ACE crossed zero and the RPU was terminated at 07:53. SAR was terminated at 08:15.