

NYISO OPERATIONS REPORT

FOR the Month of

April 2018

Peak Load

The peak load for the month was 19,534 MW, which occurred on Monday, April 16, 2018, for hour beginning 11:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 21,499 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	974	1,863	4,020
DSASP Cont.	106	0	106

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 1 times during April of 2017

Alert States

ON 9 OCCASIONS AN ALERT STATE WAS DECLARED:

0 SYSTEM FREQUENCY 0 LOW 0 HIGH
 1 ACE GREATER THAN (+OR-) 500MW
 1 SHORTAGE OF 10 MIN SYNCHRONIZED RESERVE
 0 SHORTAGE OF 10 MIN TOTAL RESERVE
 1 ACTUAL FLOW EXCEEDING LTE FOR LESS THAN 5 MIN
 0 ACTUAL VOLTAGE BELOW PRE-CONTINGENCY LOW LIMIT
 4 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 11 times during April of 2017

Thunder Storm Alerts

0 Thunder Storm Alerts were declared for the month of April for a total of 0:00 hours

Reserve Activations

ON 4 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 3 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 1 SIMULTANEOUS ACTIVATION OF RESERVES
 - 0 FOR ISO-NE
 - 0 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 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF April 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

0 TLR Level 3's were declared for the month of April for a total of 0:00 hours

Inadvertent Accumulations for March-2018

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	-16,693	MWh	3,196	MWh
Off-Peak:	-11,394	MWh	2,660	MWh

NERC Control Performance

CPS1: 190.82 %
 BAAL Violations 0

NERC/NPCC Reportable DCS Events

On April 29, 2018 SAR and RPU were initiated at 21:56 for loss of CPV Valley loaded at 600MW. ACE crossed zero and the RPU was terminated at 22:01. SAR was terminated at 22:12.

On April 30, 2018 a RPU was initiated at 12:25 for loss of Astoria Energy 2 loaded at 544MW. ACE crossed zero and the RPU was terminated at 12:36.