

NYISO OPERATIONS REPORT FOR the Month of April 2017

Peak Load

The peak load for the month was 19,192 MW, which occurred on Thursday, April 6, 2017, 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 21,157 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,025	2,245	4,570
DSASP Cont.	82	0	82

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 April 4, 2017 a Major Emergency was declared at 20:59 when generation was lost in ISONE causing Central East VC to exceed 105%. The Major Emergency was terminated at 21:06.

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

Alert States

ON 11 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 16 times during April of 2016

Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of April for a total of 3:00 hours

Reserve Activations

ON 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 4 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 1 SIMULTANEOUS ACTIVATION OF RESERVES
 - 1 FOR ISO-NE
 - 0 FOR IESO
 - 0 FOR PJM
 - 0 FOR NYISO
 - 0 FOR NB
- 1 LARGE CONTROL ERRORS (ABOVE 200MW)
 - 0 LOAD PICKUP
 - 0 SCHEDULE CHANGE & LOAD PICKUP
 - 1 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 4 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF April 2016
1 OF THESE PICKUPS WERE FOR ACE.

Emergency Actions

Special Case Resources: SCR Test 4/6/2017 HB18 Zone J
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 hours

Inadvertent Accumulations for March-2017

	Monthly <u>Accumulation</u>		End of Month <u>Balance</u>	
On-Peak:	-20,830	MWh	252,104	MWh
Off-Peak:	-14,787	MWh	155,811	MWh

NERC Control Performance

CPS1: 196.28 %
BAAL Violations 0

NERC/NPCC Reportable DCS Events

None