

NYISO OPERATIONS REPORT FOR the Month of September 2018

Peak Load

The peak load for the month was 31,456 MW, which occurred on Wednesday, September 5, 2018, 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 33,421 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,001	1,830	3,085
DSASP Cont.	56	0	56

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

None

The Major Emergency state was declared 0 times during September of 2017

Alert States

ON 17 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 8 times during September of 2017

Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of September for a total of 2:30 hours

Reserve Activations

ON 13 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

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

- 1 OF THESE RESERVE ACTIVATIONS 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 2 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF September 2017
0 OF THESE PICKUPS WERE FOR ACE.

Emergency Actions

Special Case Resources: None
 Emergency Demand Response Program: None
 Purchases: 251MW purchase from IESO 9/3/2018 to support ISONE
 Sales: 251MW sale to ISONE 9/3/2018

TLR 3 Declared

2 TLR Level 3's were declared for the month of September for a total of 7:20 hours

Inadvertent Accumulations for August-2018

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	262	MWh	15,109	MWh
Off-Peak:	-4,204	MWh	-3,009	MWh

NERC Control Performance

CPS1: 174.23 %
 BAAL Violations 0

NERC/NPCC Reportable DCS Events

On September 18, 2018 a RPU was initiated at 05:26 and SAR was initiated at 05:27 for loss of Indian Point 3 loaded at 1010MW. ACE crossed zero and the RPU was terminated at 05:34. SAR was terminated at 05:45.
 On September 20, 2018 a RPU and SAR were initiated at 08:44 for loss of Chateauguay-Massena 7040 loaded at 1260MW. ACE crossed zero and the RPU was terminated at 08:50. SAR was terminated at 08:54.