

NYISO OPERATIONS REPORT

FOR the Month of

October 2019

Peak Load

The peak load for the month was 23,774 MW, which occurred on Wednesday, October 2, 2019, for hour beginning 15:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 25,739 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,307	2,114	4,135
DSASP Cont.	66	0	66

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

At 16:17 on 10/13/2019 a Major Emergency was declared by the NYISO Shift Supervisor when the power flow on HQ Cedars exceeded its 105% Transient Stability Limit. The Major Emergency was terminated at 16:20.

At 23:59 on 10/13/2019 a Major Emergency was declared by the NYISO Shift Supervisor when the power flow on Northern Export exceeded its 105% Transient Stability Limit. The Major Emergency was terminated at 00:06 on 10/14/2019.

The Major Emergency state was declared 0 times during October of 2018

Alert States

ON 25 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 10 times during October of 2018

Thunder Storm Alerts

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

Reserve Activations

ON 4 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 0 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 1 MAINTENANCE OF SYNCHRONIZED RESERVES
- 2 SIMULTANEOUS ACTIVATION OF RESERVES
 - 0 FOR ISO-NE
 - 0 FOR IESO
 - 1 FOR PJM
 - 0 FOR NYISO
 - 1 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)

- 1 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 October 2018
2 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 October for a total of 0:00 hours

Inadvertent Accumulations for September-2019

	Monthly <u>Accumulation</u>	End of Month <u>Balance</u>	
On-Peak:	10,015 MWh	-16,205	MWh
Off-Peak:	3,185 MWh	-7,219	MWh

NERC Control Performance

CPS1: 154.49 %
BAAL Violations 0

NERC/NPCC Reportable DCS Events

None.