

NYISO OPERATIONS REPORT

FOR the Month of

October 2017

Peak Load

The peak load for the month was 22,238 MW, which occurred on Monday, October 9, 2017, for hour beginning 19:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 24,203 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,241	2,300	3,745
DSASP Cont.	92	0	92

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

On October 8, 2017 a Major Emergency was declared at 13:10 when trip of Marcy-Massena (MSU1) and Chateauguy-Massena (7040) 765kV lines caused Central East VC to exceed the 105% Voltage Transfer Limit. The Major Emergency was terminated at 13:21.

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

Alert States

ON 11 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 9 times during October of 2016

Thunder Storm Alerts

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

Reserve Activations

ON 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

3 LOSS OF NEW YORK CONTROL AREA GENERATORS
0 MAINTENANCE OF SYNCHRONIZED RESERVES
2 SIMULTANEOUS ACTIVATION OF RESERVES
0 FOR ISO-NE
0 FOR IESO
0 FOR PJM
1 FOR NYISO
1 FOR NB
2 LARGE CONTROL ERRORS (ABOVE 200MW)
0 LOAD PICKUP
0 SCHEDULE CHANGE & LOAD PICKUP
0 SCHEDULE CHANGE
0 SCHEDULE CHANGE DUE TO TLR
2 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 9 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF October 2016
4 OF THESE PICKUPS WERE FOR ACE.

Emergency Actions

Special Case Resources:	SCR Test	Zones A/E/J/K	10/5/2017	13:00-14:00
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-2017

	Monthly Accumulation	End of Month Balance	
On-Peak:	-29,892 MWh	115,490	MWh
Off-Peak:	-16,520 MWh	72,477	MWh

NERC Control Performance

CPS1: 169.56 %
BAAL Violations None

NERC/NPCC Reportable DCS Events

On October 8, 2017 SAR/RPU were initiated at 13:10 for loss of Chateauguay-Massena 7040 loaded at 650MW crossed zero and the RPU was terminated at 13:21. SAR was terminated at 13:40.

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