

NYISO OPERATIONS REPORT

FOR the Month of September 2019

Peak Load

The peak load for the month was 26,080 MW, which occurred on Wednesday , September 11, 2019 , for hour beginning 17:00 . At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 28,045 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	907	2,103	3,958
DSASP Cont.	54	0	54

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 0943 on 09/03/2019 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 0951.

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

Alert States

ON 10 OCCASIONS AN ALERT STATE WAS DECLARED:

0 SYSTEM FREQUENCY 0 LOW 0 HIGH
 1 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
 7 EMERGENCY TRANSFER DECLARED
 0 GIC (SMD) ACTIVITY
 0 SEVERE WEATHER
 0 OTHER

The Alert state was declared 17 times during September of 2018

Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of September for a total of **4.00** hours

Reserve Activations

ON 8 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 2 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 3 SIMULTANEOUS ACTIVATION OF RESERVES
 - 1 FOR ISO-NE
 - 0 FOR IESO
 - 1 FOR PJM
 - 1 FOR NYISO
 - 0 FOR NB
- 4 LARGE CONTROL ERRORS (ABOVE 200MW)
 - 0 LOAD PICKUP
 - 0 SCHEDULE CHANGE & LOAD PICKUP
 - 2 SCHEDULE CHANGE
 - 0 SCHEDULE CHANGE DUE TO TLR
 - 2 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 13 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF September 2019
 9 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 September for a total of **0.00** hours

Inadvertent Accumulations for August-2019

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	3,872	MWh	-26,220	MWh
Off-Peak:	10,644	MWh	-10,404	MWh

NERC Control Performance

CPS1: 152.31 %
 BAAL Viola 0

NERC/NPCC Reportable DCS Events

On 09/03/2019 SAR was initiated at 09:37 and an RPU was initiated at 09:38 for the loss of MSU1/7040 loaded 1200MW. ACE crossed zero and the RPU was terminated at 09:48. SAR was terminated at 09:57.

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