

**NYISO OPERATIONS REPORT
FOR the Month of
April 2019**

Peak Load

The peak load for the month was 18,777 MW, which occurred on Monday, April 1, 2019, for hour beginning 20:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 20,742 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,038	2,256	4,850
DSASP Cont.	54	0	54

The NYCA all time winter peak load of 25,738 MW, which occurred on Tuesday, January 7, 2014 for hour beginning 18:00.

Major Emergencies

None

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

Alert States

ON 14 OCCASIONS AN ALERT STATE WAS DECLARED:

- 1 SYSTEM FREQUENCY 1 LOW 0 HIGH
- 2 ACE GREATER THAN (+OR-) 500MW
- 3 SHORTAGE OF 10 MIN SYNCHRONIZED RESERVE
- 0 SHORTAGE OF 10 MIN TOTAL RESERVE
- 0 ACTUAL FLOW EXCEEDING LTE FOR LESS THAN 5 MIN
- 1 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
- 6 EMERGENCY TRANSFER DECLARED
- 0 GIC (SMD) ACTIVITY
- 0 SEVERE WEATHER
- 0 OTHER

The Alert state was declared 9 times during April of 2018

Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of April for a total of 3.5 hours

Reserve Activations

ON 11 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

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

- 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 April 2018
4 OF THESE PICKUPS WERE FOR ACE.

Emergency Actions

Special Case Resources: None
Emergency Demand Response Program: None
Purchases: None
Sales: None

TLR 3 Declared

1 TLR Level 3's were declared for the month of April for a total of **1:00** hours

Inadvertent Accumulations for March-2019

	<u>Monthly</u> <u>Accumulation</u>		<u>End of Month</u> <u>Balance</u>	
On-Peak:	-7,127	MWh	-2,183	MWh
Off-Peak:	-4,070	MWh	-16,656	MWh

NERC Control Performance

CPS1: 167.57 %
BAAL Violations: 0

NERC/NPCC Reportable DCS Events

On April 7, 2019 SAR and RPU were initiated at 10:39 for loss CPV Valley loaded at 575MW. ACE crossed zero and the RPU was terminated at 10:45. SAR was terminated at 11:09.
On April 29, 2019 at 16:34 a RPU was initiated for the loss of Nine Mile 1 at 511MW. ACE crossed zero and the RPU was terminated at 16:43.