

NYISO OPERATIONS REPORT

FOR the Month of

July 2019

Peak Load

The peak load for the month was 30,397 MW, which occurred on Saturday, July 20, 2019, 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 32,362 MW for that hour.

Reserve Requirements:

| Reserve Requirement | 10 sync | Non sync | 30 min |
|---------------------|---------|----------|--------|
| For Hour | 1,639 | 2,605 | 4,389 |
| 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

None

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

Alert States

ON 15 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 5 times during July of 2018

Thunder Storm Alerts

4 Thunder Storm Alerts were declared for the month of July for a total of 25.48 hours

Reserve Activations

ON 15 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
 - 1 FOR ISO-NE
 - 3 FOR IESO
 - 0 FOR PJM
 - 2 FOR NYISO
 - 0 FOR NB
- 8 LARGE CONTROL ERRORS (ABOVE 200MW)
 - 0 LOAD PICKUP
 - 0 SCHEDULE CHANGE & LOAD PICKUP
 - 0 SCHEDULE CHANGE
 - 0 SCHEDULE CHANGE DUE TO TLR
 - 8 OTHER (FIXED GEN CHANGES / COMPUTER PROBLEMS)

- 2 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 11 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF July 2018
6 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 July for a total of 0:00 hours

Inadvertent Accumulations for June-2019

| | Monthly Accumulation | | End of Month Balance | |
|-----------|-------------------------|-----|-------------------------|-----|
| On-Peak: | -5,501 | MWh | -23,451 | MWh |
| Off-Peak: | 1,484 | MWh | -24,807 | MWh |

NERC Control Performance

CPS1: 158.73 %
BAAL Violations: 0

NERC/NPCC Reportable DCS Events

On July 11, 2019 SAR was initiated at 20:48 and an RPU was initiated at 20:50 for the loss of MSU1/7040 loaded a 1493MW. ACE crossed zero and the RPU was terminated at 20:59. SAR was terminated at 21:13

On July 26, 2019 SAR was initiated at 18:13 and an RPU was initiated at 18:14 for the loss of the 7040 tie loaded a

1500MW. ACE crossed zero and the RPU was terminated at 18:20. SAR was terminated at 18:28