

# NYISO OPERATIONS REPORT

## FOR the Month of

### March 2017

#### Peak Load

The peak load for the month was 21,689 MW, which occurred on Wednesday, March 15, 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 23,654 MW for that hour.

#### Reserve Requirements:

| Reserve     | 10 sync | Non sync | 30 min |
|-------------|---------|----------|--------|
| Requirement | 655     | 1,310    | 1,965  |
| For Hour    | 1,335   | 3,287    | 5,671  |
| DSASP Cont. | 78      | 0        | 78     |

The NYCA all time winter peak load of 25,738 MW, which occurred on Tuesday, January 07, 2014 for hour beginning 18:00.

#### Major Emergencies

None

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

#### Alert States

ON 27 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 21 times during March of 2016

#### Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of March for a total of 2:16 hours.

**Reserve Activations**

ON 7 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

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

- 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 7 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF March 2016  
3 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 March for a total of 0 hours

**Inadvertent Accumulations for February-2017**

|           | <u>Monthly<br/>Accumulation</u> |     | <u>End of Month<br/>Balance</u> |     |
|-----------|---------------------------------|-----|---------------------------------|-----|
| On-Peak:  | -21,470                         | MWh | 272,934                         | MWh |
| Off-Peak: | -15,261                         | MWh | 170,598                         | MWh |

**NERC Control Performance**

CPS1: 219.59 %  
 BAAL Violations 0

**NERC/NPCC Reportable DCS Events**

None