

# NYISO OPERATIONS REPORT

## FOR the Month of

### August 2017

#### Peak Load

The peak load for the month was 28,968 MW, which occurred on Tuesday, August 22, 2017, for hour beginning 15:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 30,933 MW for that hour.

#### Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,236	2,567	5,018
DSASP Cont.	99	0	99

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 August of 2016

#### Alert States

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

The Alert state was declared 18 times during August of 2016

#### Thunder Storm Alerts

4 Thunder Storm Alerts were declared for the month of August for a total of 12:52 hours

**Reserve Activations**

ON 8 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 1 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 3 SIMULTANEOUS ACTIVATION OF RESERVES
  - 0 FOR ISO-NE
  - 1 FOR IESO
  - 0 FOR PJM
  - 1 FOR NYISO
  - 1 FOR NB
- 5 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 2 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 3 OTHER (FIXED GEN CHANGES / COMPUTER PROBLEMS)

- 3 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 August 2016  
2 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources:	SCR Test	Zones F/G/H/I/K	8/24/2017	13:00-14:00
	SCR Test	Zone J	8/24/2017	14:00-15:00
	SCR Test	Zones B/C/D/E	8/24/2017	15:00-16:00
	SCR Test	Zone A	8/24/2017	16:00-17:00
Emergency Demand Response Program:	None			
Purchases:	None			
Sales:	None			

**TLR 3 Declared**

0 TLR Level 3's were declared for the month of August for a total of 0:00 hours

**Inadvertent Accumulations for July-2017**

	Monthly <u>Accumulation</u>	End of Month <u>Balance</u>	
On-Peak:	-27,874 MWh	179,024	MWh
Off-Peak:	-20,233 MWh	109,148	MWh

**NERC Control Performance**

CPS1: 167.60 %  
 BAAL Violations 0

**NERC/NPCC Reportable DCS Events**

On August 5, 2017 a RPU and SAR were initiated at 22:36 for loss of Nine Mile 2 loaded at 1060MW. ACE crossed zero and the RPU was terminated at 22:41. SAR was terminated at 23:00.