

# NYISO OPERATIONS REPORT

## FOR the Month of

### August 2020

#### Peak Load

The peak load for the month was 29,685 MW, which occurred on Monday, August 10, 2020, 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 31,650 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,124	1,882	2,679
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

None

The Major Emergency state was declared 0 times during August of 2019

#### Alert States

ON 8 OCCASIONS AN ALERT STATE WAS DECLARED:

- 2 SYSTEM FREQUENCY 2 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
- 1 EXCEEDING SYSTEM VOLTAGE LIMIT
- 1 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 3 times during August of 2019

#### Thunder Storm Alerts

7 Thunder Storm Alerts were declared for the month of August for a total of **25.25** hours

**Reserve Activations**

ON **18** OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 4** LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0** MAINTENANCE OF SYNCHRONIZED RESERVES
- 5** SIMULTANEOUS ACTIVATION OF RESERVES
  - 1** FOR ISO-NE
  - 3** FOR IESO
  - 0** FOR PJM
  - 1** FOR NYISO
  - 0** FOR NB
- 10** LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0** LOAD PICKUP
  - 0** SCHEDULE CHANGE & LOAD PICKUP
  - 5** SCHEDULE CHANGE
  - 0** SCHEDULE CHANGE DUE TO TLR
  - 5** 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 **5** OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF August 2019  
**3** OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources:	SCR Test	Zone A	8/27/2020	13:00-14:00
	SCR Test	Zone J	8/27/2020	14:00-15:00
	SCR Test	Zones B, C, D, E	8/27/2020	15:00-16:00
	SCR Test	Zones F, G, H, I, K	8/27/2020	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-2020**

	Monthly <u>Accumulation</u>	End of Month <u>Balance</u>	
On-Peak:	-7,433 MWh	-2,212	MWh
Off-Peak:	4,331 MWh	-3,754	MWh

**NERC Control Performance**

CPS1: 161.24 %  
 BAAL Violations: 0

**NERC/NPCC Reportable DCS Events**

On 08/07/2020 a RPU was initiated at 20:12 for the loss of Astoria Energy 2 CC3 and CC4 loaded at 562 MW. ACE crossed zero and the RPU was terminated at 20:20.

On 08/24/2020 a SAR was initiated at 20:56 and an RPU was initiated at 20:57 for the loss of Empire CC1 and CC2 loaded at 572 MW. ACE crossed zero and the RPU was terminated at 21:02. SAR was terminated at 21:16.