

**NYISO OPERATIONS REPORT  
FOR the Month of  
July 2020**

**Peak Load**

The peak load for the month was **30,660** MW, which occurred on **Monday**, **July 27, 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 **32,625** MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	993	1,827	2,745
DSASP Cont.	56	0	56

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 **2019**

**Alert States**

ON **20** OCCASIONS AN ALERT STATE WAS DECLARED:

- 1** SYSTEM FREQUENCY **0** LOW **1** HIGH
- 1** ACE GREATER THAN (+OR-) 500MW
- 1** 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
- 14** EMERGENCY TRANSFER DECLARED
- 0** GIC (SMD) ACTIVITY
- 0** SEVERE WEATHER
- 1** OTHER

The Alert state was declared **15** times during **July** of **2019**

**Thunder Storm Alerts**

7 Thunder Storm Alerts were declared for the month of July for a total of **29.93** hours

**Reserve Activations**

ON **20** OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 7 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 7 SIMULTANEOUS ACTIVATION OF RESERVES
  - 0 FOR ISO-NE
  - 1 FOR IESO
  - 2 FOR PJM
  - 2 FOR NYISO
  - 2 FOR NB
- 8 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 2 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 6 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 **15** OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF July 2019  
**11** 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** hours

**Inadvertent Accumulations for June-2020**

	Monthly <u>Accumulation</u>		End of Month <u>Balance</u>	
On-Peak:	<b>-7,952</b>	MWh	<b>5,221</b>	MWh
Off-Peak:	<b>2,506</b>	MWh	<b>-8,085</b>	MWh

**NERC Control Performance**

CPS1: **168.31** %  
BAAL Violations: **0**

**NERC/NPCC Reportable DCS Events**

On 07/29/2020 a SAR was initiated at 21:02 and a RPU was initiated at 21:03 for the loss of Bowline 1 loaded at

520 MW. ACE crossed zero and the RPU was terminated at 21:09. SAR was terminated at 21:15.