

# NYISO OPERATIONS REPORT

## FOR the Month of

### April 2022

#### Peak Load

The peak load for the month was 18,249 MW, which occurred on Thursday, April 7, 2022, 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 20,214 MW for that hour.

#### Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,126	2,780	4,023
DSASP Cont.	117	0	117

The NYCA all time winter peak load of 25,738 MW, which occurred on Tuesday, January 7, 2014 for hour beginning 18:00.

#### Major Emergencies

None

The Major Emergency state was declared 0 times during April of 2021

#### Alert States

ON 5 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 3 times during April of 2021

#### Thunder Storm Alerts

1 Thunder Storm Alerts were declared for the month of April for a total of 0.75 hours

**Reserve Activations**

ON 5 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 2 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 4 SIMULTANEOUS ACTIVATION OF RESERVES
  - 0 FOR ISO-NE
  - 1 FOR IESO
  - 2 FOR PJM
  - 1 FOR NYISO
  - 0 FOR NB
- 0 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 0 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 0 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 7 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF April 2021  
 2 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources:	SCR Test	Zone	D, J	4/6/2022	16:00-17:00
Emergency Demand Response Program:	None				
Purchases:	None				
Sales:	None				

**TLR 3 Declared**

1 TLR Level 3's were declared for the month of April for a total of 5 hours

**Inadvertent Accumulations for March-2022**

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	-4,913	MWh	6,946	MWh
Off-Peak:	-1,120	MWh	28,443	MWh

**NERC Control Performance**

CPS1: 157.38 %  
 BAAL Violations: 0

**NERC/NPCC Reportable DCS Events**

On 04/05/2022 a SAR and RPU was initiated at 02:25 for the loss of Nine Mile 2 loaded at 1310 MW. ACE crossed zero and the RPU was terminated at 02:32, SAR was terminated at 02:40.