

# **NYISO OPERATIONS REPORT** **FOR the Month of** **February 2024**

## **Peak Load**

The peak load for the month was 20,981 MW, which occurred Wednesday, February 14, 2024, for hour beginning 18:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 22,946 MW for that hour.

## **Reserve Requirements:**

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,578	2,684	4,530
DSASP Cont.	364	0	364

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 February of 2023

## **Alert States**

ON 0 OCCASIONS AN ALERT STATE WAS DECLARED:

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

The Alert state was declared 4 times during February of 2023

## **Thunder Storm Alerts**

1 Thunder Storm Alerts were declared for the month of February for a total of 4.2 hours

**Reserve Activations**

ON 4 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
2	FOR ISO-NE
1	FOR IESO
0	FOR PJM
0	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)

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 FEBRUARY 2023

2 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 February for a total of 0 hours

**Inadvertent Accumulations for January 2024**

	Monthly <u>Accumulation</u>	End of Month <u>Balance</u>	
On-Peak:	2,143 MWh	-25,512	MWh
Off-Peak:	7,136 MWh	-16,754	MWh

**NERC Control Performance**

CPS1: 134.41 %

BAAL VIOLATIONS: 0

**NERC/NPCC Reportable DCS Events**

None

Reserve Pickups Run for February 2024

RESERVE PICKUPS			ACE	DNI CHANGE	LOAD CHANGE	CROSS ZERO		DETAILED REASON FOR RPU/SAR
DATE	START TIME	END TIME				YES	NO	
02-Feb	5:26:00	5:40:00	-33			X		SAR for ISO-NE loss of Bridgeport Energy loaded at 525 MW
03-Feb	4:08:00	4:20:00	-10			X		SAR for ISO-NE loss of Bridgeport Energy loaded at 550 MW
08-Feb	12:23:00	12:33:00	-45			X		SAR for IESO loss of Pickering 8 loaded at 550 MW
28-Feb	1:55:00	2:00:00	-300			X		Loss of CPV 1 loaded at 300 MW

# Reserve Pickup History

Month	Year	Number of Reserve Pickups	Unit Loss	ACE	Secur/Ext.	SAR	Reserve	Non-Zero Crossings
January	2020	6	1	1	0	4	0	0
January	2021	9	3	3	0	2	1	0
January	2022	24	6	12	0	7	1	1
January	2023	5	1	1	0	2	1	0
January	2024	3	1	1	0	1	0	0
February	2020	5	1	2	0	3	0	0
February	2021	9	4	5	0	0	0	0
February	2022	2	1	1	0	1	0	0
February	2023	7	3	2	0	4	0	0
February	2024	4	1	0	0	3	0	0
March	2020	1	1	0	0	1	0	0
March	2021	4	2	1	0	0	1	0
March	2022	3	1	0	0	3	0	0
March	2023	3	1	0	0	2	0	0
March	2024							
April	2020	6	0	2	0	4	0	0
April	2021	7	3	2	0	2	0	0
April	2022	5	2	0	0	4	0	2
April	2023	0	0	0	0	0	0	0
April	2024							
May	2020	9	1	3	0	6	0	0
May	2021	6	0	2	0	4	0	0
May	2022	11	4	4	0	3	0	1
May	2023	6	2	0	0	5	0	0
May	2024							

June	2020	19	9	5	0	8	0	2
June	2021	9	6	3	0	0	0	1
June	2022	5	2	2	0	1	0	0
June	2023	5	1	2	0	2	0	0
June	2024							
July	2020	20	7	8	0	7	0	0
July	2021	10	2	7	0	2	0	0
July	2022	15	5	6	0	5	0	0
July	2023	21	4	9	0	8	0	1
July	2024							
August	2020	18	4	10	0	5	0	0
August	2021	7	5	0	0	3	0	0
August	2022	8	4	3	0	4	0	0
August	2023	9	1	2	0	7	0	0
August	2024							
September	2020	4	1	1	0	2	0	0
September	2021	6	3	1	0	2	0	0
September	2022	1	1	0	0	0	0	0
September	2023	5	3	0	0	5	0	0
September	2024							
October	2020	4	1	1	0	1	1	0
October	2021	8	6	1	0	6	0	0
October	2022	2	0	1	0	1	0	0
October	2023	8	4	3	0	1	0	0
October	2024							
November	2020	6	4	1	0	2	0	0
November	2021	3	1	1	0	1	0	0
November	2022	5	2	1	0	2	0	0
November	2023	4	3	0	0	1	0	0
November	2024							
December	2020	4	1	0	0	3	0	0
December	2021	4	2	1	0	2	0	0
December	2022	19	4	5	0	9	3	3
December	2023	4	3	0	0	1	0	0
December	2024							