

NYISO OPERATIONS REPORT FOR the Month of January 2024

Peak Load

The peak load for the month was 22,754 MW, which occurred Wednesday, January 17, 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 24,719 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,676	3,187	6,467
DSASP Cont.	96		96

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 January of 2023

Alert States

ON 3 OCCASIONS AN ALERT STATE WAS DECLARED:

- 0 SYSTEM FREQUENCY 0 LOW 0 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
- 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
- 1 EMERGENCY TRANSFER DECLARED
- 0 GIC (SMD) ACTIVITY
- 0 SEVERE WEATHER
- 0 OTHER

The Alert state was declared 4 times during January of 2023

Thunder Storm Alerts

2 Thunder Storm Alerts were declared for the month of January for a total of 4 hours

Reserve Activations

ON 3 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 1 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 1 SIMULTANEOUS ACTIVATION OF RESERVES
 - 1 FOR ISO-NE
 - 0 FOR IESO
 - 0 FOR PJM
 - 0 FOR NYISO
 - 0 FOR NB
- 1 LARGE CONTROL ERRORS (ABOVE 200MW)
 - 0 LOAD PICKUP
 - 0 SCHEDULE CHANGE & LOAD PICKUP
 - 0 SCHEDULE CHANGE
 - 0 SCHEDULE CHANGE DUE TO TLR
 - 1 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 JANUARY 2023
1 OF THESE PICKUPS WERE FOR ACE.

Emergency Actions

Special Case Resources: None
 Emergency Demand Response Program: None
 Purchases: None
 Sales: None

TLR 3 Declared

2 TLR Level 3's were declared for the month of January for a total of 19.2 hours

Inadvertent Accumulations for December 2023

	<u>Monthly Accumulation</u>		<u>End of Month Balance</u>	
On-Peak:	-5,937	MWh	-27,655	MWh
Off-Peak:	-1,848	MWh	-23,890	MWh

NERC Control Performance

CPS1: 140.69 %
 BAAL VIOLATIONS: 0

NERC/NPCC Reportable DCS Events

None

Reserve Pickups Run for January 2024

RESERVE PICKUPS			ACE	DNI CHANGE	LOAD CHANGE	CROSS ZERO		DETAILED REASON FOR RPU/SAR
DATE	START TIME	END TIME				YES	NO	
02-Jan	8:17:00	8:35:00	-19			X		SAR for NE for partial loss of Phase II loaded at 600 MW
16-Jan	10:07:00	10:16:00	-250			X		Undergeneration
17-Jan	8:27:00	8:31:00	32			X		Loss of Ravenswood 4 loaded at 180 MW

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							
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							