

NYISO OPERATIONS REPORT

FOR the Month of

April 2024

Peak Load

The peak load for the month was 19,019 MW, which occurred Wednesday, April 3, 2024, 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 20,984 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	1,303	2,506	4,101
DSASP Cont.	375	0	375

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 2023

Alert States

ON 1 OCCASIONS AN ALERT STATE WAS DECLARED:

- 1 SYSTEM FREQUENCY 1 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
- 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 7 times during April of 2023

Thunder Storm Alerts

4 Thunder Storm Alerts were declared for the month of April for a total of 8 hours

Reserve Activations

ON 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 2 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 2 SIMULTANEOUS ACTIVATION OF RESERVES
 - 0 FOR ISO-NE
 - 2 FOR IESO
 - 0 FOR PJM
 - 0 FOR NYISO
 - 0 FOR NB
- 2 LARGE CONTROL ERRORS (ABOVE 200MW)
 - 0 LOAD PICKUP
 - 0 SCHEDULE CHANGE & LOAD PICKUP
 - 2 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 0 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF APRIL 2023
0 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 April for a total of 0 hours

Inadvertent Accumulations for March 2024

	Monthly <u>Accumulation</u>		End of Month <u>Balance</u>	
On-Peak:	12,722	MWh	-4,676	MWh
Off-Peak:	9,527	MWh	2,386	MWh

NERC Control Performance

CPS1: 145.08 %
BAAL VIOLATIONS: 0

NERC/NPCC Reportable DCS Events

None

Reserve Pickups Run for April 2024

RESERVE PICKUPS			ACE	DNI CHANGE	LOAD CHANGE	CROSS ZERO		DETAILED REASON FOR RPU/SAR
DATE	START TIME	END TIME				YES	NO	
01-Apr	0:47:00	0:51:00	-345			X		Loss of Athens 2 loaded at 386 MW
09-Apr	9:43:00	9:50:00	-300			X		Loss of Cricket Valley 2 loaded at 350 MW
10-Apr	17:52:00	18:05:00	-22			X		SAR for IESO loss of Bruce G1 loaded at 880MW
18-Apr	15:57:00	16:25:00	-155			X		SAR for IESO loss of Bruce G8 loaded at 900MW
20-Apr	21:32:00	21:37:00	57	-494		X		Schedule Change
27-Apr	13:30:00	13:38:00	7	-580		X		Schedule Change

		Reserve Pickup History						
January	2020	6				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	2	1	0	0	2	0	0
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	6	2	2	0	2	0	0
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							

Month	Year	Number of Reserve Pickups	Unit Loss	ACE	Secur/Ext.	SAR	Reserve	Non-Zero Crossings
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							