

NYISO OPERATIONS REPORT FOR the Month of June 2024

Peak Load

The peak load for the month was 28,245 MW, which occurred Friday, June 21, 2024, for hour beginning 15:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 30,210 MW for that hour.

Reserve Requirements:

Reserve	10 sync	Non sync	30 min
Requirement	655	1,310	1,965
For Hour	2,615	3,385	4,790
DSASP Cont.	236	0	236

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 June of 2023

Alert States

ON 4 OCCASIONS AN ALERT STATE WAS DECLARED:

- 1 SYSTEM FREQUENCY 1 LOW 0 HIGH
- 3 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 2 times during June of 2023

Thunder Storm Alerts

9 Thunder Storm Alerts were declared for the month of June for a total of 48.9 hours

Reserve Activations

ON 6 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 4 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 3 SIMULTANEOUS ACTIVATION OF RESERVES
 - 1 FOR ISO-NE
 - 0 FOR IESO
 - 1 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)

- 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 JUNE 2023

2 OF THESE PICKUPS WERE FOR ACE.

Emergency Actions

Special Case Resources: Zone K 6/20/2024 15:00-19:00
Emergency Demand Response Program: Zone K 6/20/2024 15:00-19:00
Purchases: None
Sales: None

TLR 3 Declared

0 TLR Level 3's were declared for the month of June for a total of 0 hours

Inadvertent Accumulations for May 2024

	Monthly <u>Accumulation</u>		End of Month <u>Balance</u>	
On-Peak:	-12,950	MWh	-18,535	MWh
Off-Peak:	-7,944	MWh	-2,677	MWh

NERC Control Performance

CPS1: 154.17 %
BAAL VIOLATIONS: 0

NERC/NPCC Reportable DCS Events

On 06/18/2024 a SAR was initiated at 22:07 and a RPU was initiated at 22:09 for the loss of HQ 7040 loaded at 934 MW. ACE crossed zero and the RPU was terminated at 22:14. SAR was terminated at 22:22.

Reserve Pickups Run for June 2024

RESERVE PICKUPS			ACE	DNI CHANGE	LOAD CHANGE	CROSS ZERO		DETAILED REASON FOR RPU/SAR
DATE	START TIME	END TIME				YES	NO	
03-Jun	18:56:00	19:06:00	-250			X		SAR for PJM loss of Brunswick CC loaded at 1130 MW
18-Jun	17:25:00	17:40:00	167			X		SAR for ISONE loss of Yarmouth loaded at 560 MW
18-Jun	22:09:00	22:14:00	-425			X		SAR for loss of HQ 7040 Loaded at 934 MW
20-Jun	9:34:00	9:39:00	-300			X		Loss of Oswego 5 loaded at 290 MW
20-Jun	14:17:00	14:23:00	-240			X		Loss of Astoria 2 loaded at 170 MW
27-Jun	6:58:00	7:01:00	-275			X		Loss of East River 2 loaded at 170 MW and schedule change of 600MW

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							
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	2	1	0	0	1	0	0
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	6	4	0	0	3	0	0

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							