

System Operations Subcommittee

PJM Operations Summary

April 2024 Operations

April Events:

2 Shared Reserve Events

1 Non-Market PCLLRW Event

1 Geomagnetic Disturbance Warning Event

1 High System Voltage Event

3 Synchronized Reserve Events

CPS1: XXX.XX% CPS2: XX.XX% BAAL: XX.XX%

¹PJM directly measures the total number of BAAL excursions in minutes compared to the total number of minutes within a month with a target value for this performance goal at 99% on a daily and monthly basis.

NERC rules limit the recovery period to no more than 30 minutes for a single event.

Shared Reserve (2 Events)

Effective Start Time	Effective End Time	Message	Region
04.18.2024 15:57	04.18.2024 16:25	PJM provided 133 MW of NPCC Shared Reserves	NPCC
04.10.2024 17:52	04.10.2024 18:05	PJM provided 130 MW of NPCC Shared Reserves	NPCC

Non-Market PCLLRW (1 Event)

Effective Start Time	Effective End Time	Message	Region
04.20.2024 18:52	04.21.2024 00:19	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain E TOWSON 115 KV *G06 at 105.8 KV in the BC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	BGE

Geomagnetic Disturbance Warning (1 Event)

Effective Start Time	Effective End Time	Message	Region
04.19.2024 16:00	04.19.2024 20:00	A Geomagnetic Disturbance Warning has been issued for 16:00 on 04.19.2024 through 20:00 on 04.19.2024 . A GMD warning of K7 or greater is in effect for this period.	RTO

High System Voltage (1 Event)

Effective Start Time	Effective End Time	Message	Region
04.14.2024 01:05	04.14.2024 10:30	A High System Voltage Action has been issued; all companies shall take the following actions on the Bulk Electric System:	RTO

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Synchronized Reserve (3 Events)

Effective Start Time	Effective End Time	Message	Region
04.13.2024 00:36	04.13.2024 00:43	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
04.04.2024 10:50	04.04.2024 10:55	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
04.04.2024 10:50	04.04.2024 10:55	100% Synchronized Reserve Event has been initiated for the MAD region.	DOM, MIDATL

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PCLLRW (0 Event(s))

Conservative Operations (0 Event(s))

Cold Weather Alert (0 Event(s))

Cold Weather Advisory (0 Event(s))

TLR (0 Event(s))

Special Notices (0 Event(s))

Geomagnetic Disturbance Warning (0 Event(s))

Hot Weather Alert (0 Event(s))

Maximum Generation Emergency/Load Management Alert (0 Event(s))

Maintenance Outage Recall (0 Events)

Unit Startup Notification Alert (0 Event(s))

Voltage Reduction Warning (0 Event(s))

Voltage Reduction (0 Event(s))

Manual Load Dump Event (0 Event(s))

Manual Load Dump Warning (0 Event(s))

Max Emergency Gen Alert (0 Event(s))

Max Emergency Generation (0 Event(s))

Min Gen Alert (0 Event(s))

Min Gen Declaration (0 Event(s))

Local Min Generation Event (0 Event(s))

HLV Schedule Warning (0 Event(s))

HLV Schedule Action (0 Event(s))

Primary Reserve Warning (0 Event(s))

Manual Load Dump Warning (0 Event(s))

Emergency Energy Request (0 Event(s))