

System Operations Subcommittee

PJM Operations Summary

May 2023 Operations

May Events:

1 Synchronized Reserve Events

5 Shared Reserve Events

5 PCLLRW Events

3 Non-Market PCLLRW Events

7 High System Voltage

CPS1: 134.03% CPS2: 82.59% BAAL: 99.91%

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.

Synchronized Reserve (1 Event)

Effective Start Time	Effective End Time	Message	Region
05.28.2023 20:09	05.28.2023 20:16	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO

Shared Reserve (5 Event)

Effective Start Time	Effective End Time	Message	Region
05.30.2023 04:50	05.30.2023 05:30	PJM provided 192 MW of NPCC Shared Reserves	NPCC
05.20.2023 07:00	05.20.2023 09:21	PJM provided 71 MW of NPCC Shared Reserves	NPCC
05.19.2023 19:17	05.19.2023 20:12	PJM provided 108 MW of NPCC Shared Reserves	NPCC
05.17.2023 08:55	05.17.2023 09:24	PJM provided 92 MW of NPCC Shared Reserves	NPCC
05.08.2023 00:31	05.08.2023 01:10	PJM provided 125 MW of NPCC Shared Reserves	NPCC

PCLLRW (5 Events)

Effective Start Time	Effective End Time	Message	Region
05.30.2023 13:05		A Post Contingency Local Load Relief Warning has been issued to maintain MAGLEY 138 KV BB_20071 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
05.19.2023 05:08	05.19.2023 06:30	A Post Contingency Local Load Relief Warning has been issued to maintain WATERFRO 230 KV *D32 at 211.6 KV in the PEPCO for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	PEPCO
05.15.2023 13:33	05.26.2023 19:05	A Post Contingency Local Load Relief Warning has been issued to maintain HEATH 138 KV BB_7134 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP

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05.13.2023 09:31	05.13.2023 10:15	A Post Contingency Local Load Relief Warning has been issued to maintain BAIR-JACK ME 969-2 at 159.0 MVA in the FE(ME) for Transmission Contingency Control. Additional Comments: Generation - slow response	FE-ME PPL
05.01.2023 11:08	05.01.2023 16:19	A Post Contingency Local Load Relief Warning has been issued to maintain PIDGEON 138 KV BB_30553 at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI

Non-Market PCLLRW (3 Events)

Effective Start Time	Effective End Time	Message	Region
05.31.2023 15:05		A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain HIGHLND2 69 KV *H03 at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: BES 2 Facility	AEP
05.12.2023 20:03	05.16.2023 23:42	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain EXPRESSW-PERKINST EXP-PERT at 80.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
05.08.2023 19:20	05.09.2023 07:59	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain EXPRESSW-PERKINST EXP-PERT at 83.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

High System Voltage (7 Event)

Effective Start Time	Effective End Time	Message	Region
05.28.2023 23:50	05.29.2023 08:30	A High System Voltage Action has been issued	PJM-RTO
05.28.2023 00:05	05.28.2023 09:50	A High System Voltage Action has been issued	PJM-RTO
05.21.2023 00:05	05.21.2023 11:30	A High System Voltage Action has been issued	PJM-RTO
05.20.2023 00:10	05.20.2023 09:18	A High System Voltage Action has been issued	PJM-RTO
05.16.2023 00:50	05.16.2023 05:15	A High System Voltage Action has been issued	PJM-RTO
05.06.2023 23:50	05.07.2023 11:30	A High System Voltage Action has been issued	PJM-RTO
05.06.2023 00:26	05.06.2023 10:00	A High System Voltage Action has been issued	PJM-RTO

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))

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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))

Hot Weather Alert (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))