

System Operations Subcommittee

PJM Operations Summary

October 2023 Operations

October Events:

1 Shared Reserve Event

16 PCLLRW Events

1 Non-Market PCLLRW Event

14 High System Voltage Events

CPS1: 137.97% CPS2: 85.06% BAAL: 99.98%

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 (1 Event)

Effective Start Time	Effective End Time	Message	Region
10.23.2023 15:29	10.23.2023 15:58	PJM provided 108 MW of NPCC Shared Reserves	NPCC

PCLLRW (16 Events)

Effective Start Time	Effective End Time	Message	Region
10.26.2023 23:33	10.27.2023 00:06	A Post Contingency Local Load Relief Warning has been issued to maintain DUBOIS 115 KV 115-2 at 105.8 KV in the FE(PN) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-PN
10.26.2023 16:44		A Post Contingency Local Load Relief Warning has been issued to maintain MORELAND 138 KV BB_3234 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
10.26.2023 10:20	10.26.2023 11:05	A Post Contingency Local Load Relief Warning has been issued to maintain 12IRV-BENNING 69048R at 118.0 MVA in the PEPCO for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PEPCO
10.24.2023 09:59	10.25.2023 16:40	A Post Contingency Local Load Relief Warning has been issued to maintain CAMPBEL2 138 KV BB_12695 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AMPT, AEP
10.24.2023 06:42	10.24.2023 15:17	A Post Contingency Local Load Relief Warning has been issued to maintain OHIOCENT-SCOSHOCT at 191.0 MVA in the AEP for Transmission Contingency Control.	AEP

System Operations Subcommittee

PJM Operations Summary

October 2023 Operations

		Additional Comments: Load -No Generation or Switching available	
10.22.2023 19:30		A Post Contingency Local Load Relief Warning has been issued to maintain SKENTON 138 KV BB_14019 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
10.21.2023 12:44	10.21.2023 23:49	A Post Contingency Local Load Relief Warning has been issued to maintain SKENTON 138 KV BB_14019 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
10.19.2023 11:26	10.19.2023 17:02	A Post Contingency Local Load Relief Warning has been issued to maintain RIVERPRT 138 KV *E03 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
10.17.2023 11:42	10.18.2023 12:17	A Post Contingency Local Load Relief Warning has been issued to maintain WKINGSPO 138 KV BB_3519 at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
10.16.2023 11:07	10.20.2023 13:17	A Post Contingency Local Load Relief Warning has been issued to maintain LOYALHAN 138 KV *E04 at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP
10.11.2023 07:42	10.13.2023 06:14	A Post Contingency Local Load Relief Warning has been issued to maintain BUSSEYVI 138 KV BB_2443 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP, EKPC
10.04.2023 16:09	10.04.2023 20:34	A Post Contingency Local Load Relief Warning has been issued to maintain OPEQUON 138 KV 138-B at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-AP
10.03.2023 07:26	10.03.2023 10:18	A Post Contingency Local Load Relief Warning has been issued to maintain WURNNO 138 KV BB_6930 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Generation redispatch available	AEP
10.02.2023 16:20	10.02.2023 16:44	A Post Contingency Local Load Relief Warning has been issued to maintain 433 CHAN 138 KV *E05 at 127.0 KV in the COMED for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	COMED

System Operations Subcommittee

PJM Operations Summary

October 2023 Operations

10.02.2023 15:19	10.09.2023 21:03	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
10.02.2023 12:08	10.09.2023 21:03	A Post Contingency Local Load Relief Warning has been issued to maintain BUSSEYVI 138 KV BB_2443 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP, EKPC

Non-Market PCLLRW (1 Event)

Effective Start Time	Effective End Time	Message	Region
10.26.2023 19:03		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: Expressw-Perkinst is an MP6 Facility Non-BES	AEP

High System Voltage (14 Event)

Effective Start Time	Effective End Time	Message	Region
10.29.2023 23:00	10.30.2023 06:00	A High System Voltage Action has been issued; all companies shall take the following actions on the Bulk Electric System: 1. All switchable capacitors are out of service. 2. All reactors are in service. 3. TOs are requested to review and adjust LTC settings as appropriate. All LTC (230 kV and above) and voltage schedule adjustments shall be coordinated with PJM Dispatch. 4. All SVCs are absorbing reactive power. 5. Generation Owners shall operate generators at the lower bandwidth of their voltage schedule when possible. 6. Generation Owners shall communicate with PJM and the TO restrictions to their generator's ability to absorb MVARs if that capability varies from the existing "D" curve.	RTO
10.28.2023 23:40	10.29.2023 11:56		RTO
10.21.2023 23:50	10.22.2023 16:00		RTO
10.21.2023 00:45	10.21.2023 08:03		WESTERN
10.20.2023 00:00	10.20.2023 06:05		RTO
10.18.2023 23:50	10.19.2023 07:34		RTO
10.17.2023 23:20	10.18.2023 06:48		RTO
10.17.2023 00:36	10.17.2023 07:22		RTO
10.16.2023 00:08	10.16.2023 05:57		RTO
10.14.2023 23:00	10.15.2023 15:49		RTO
10.14.2023 01:15	10.14.2023 10:13		RTO

System Operations Subcommittee

PJM Operations Summary

October 2023 Operations

10.08.2023 23:00	10.09.2023 07:03		RTO
10.07.2023 23:10	10.08.2023 13:25		RTO
10.07.2023 03:00	10.07.2023 10:15		RTO

Hot Weather Alert (0 Event(s))

Geomagnetic Disturbance Warning (0 Event(s))

Hot Weather Alert (0 Event(s))

Synchronized Reserve Event (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))