

System Operations Subcommittee

PJM Operations Summary

August 2023 Operations

August Events:

7 Shared Reserve Events

1 Synchronized Reserve Event

1 Geomagnetic Disturbance Warning Event

11 PCLLRW Events

5 Hot Weather Alert Events

CPS1: 131.98% CPS2: 83.60% BAAL: 99.86%

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 (7 Events)

Effective Start Time	Effective End Time	Message	Region
08.28.2023 01:50	08.28.2023 02:10	PJM provided 92 MW of NPCC Shared Reserves	NPCC
08.18.2023 07:32	08.18.2023 07:50	PJM provided 83 MW of NPCC Shared Reserves	NPCC
08.17.2023 13:48	08.17.2023 14:05	PJM provided 83 MW of NPCC Shared Reserves	NPCC
08.17.2023 11:35	08.17.2023 11:50	PJM provided 92 MW of NPCC Shared Reserves	NPCC
08.09.2023 22:29	08.09.2023 22:41	PJM provided 142 MW of NPCC Shared Reserves	NPCC
08.08.2023 10:23	08.08.2023 10:45	PJM provided 167 MW of NPCC Shared Reserves	NPCC
08.07.2023 03:01	08.07.2023 03:31	PJM provided 83 MW of NPCC Shared Reserves	NPCC

Synchronized Reserve (1 Event)

Effective Start Time	Effective End Time	Message	Region
08.10.2023 00:41	08.10.2023 00:49	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO

Geomagnetic Disturbance Warning (1 Event)

Effective Start Time	Effective End Time	Message	Region
08.05.2023 01:00	08.05.2023 08:00	A Geomagnetic Disturbance Warning has been issued for 01:00 on 08.05.2023 through 08:00 on 08.05.2023. A GMD warning of K-7 or greater is in effect for this period.	RTO

System Operations Subcommittee

PJM Operations Summary

August 2023 Operations

PCLLRW (11 Events)

Effective Start Time	Effective End Time	Message	Region
08.31.2023 14:01	08.31.2023 16:41	A Post Contingency Local Load Relief Warning has been issued to maintain BONNYMAN 138 KV *E03 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.30.2023 14:10	08.30.2023 18:12	A Post Contingency Local Load Relief Warning has been issued to maintain MOSELEY 138 KV BB_6123 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.30.2023 13:35	08.30.2023 18:12	A Post Contingency Local Load Relief Warning has been issued to maintain MOSELEY 138 KV BB_6123 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.24.2023 13:36	08.24.2023 13:51	A Post Contingency Local Load Relief Warning has been issued to maintain 15518 -132 GARD 15518 2 at 178.0 MVA in the COMED for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	COMED
08.23.2023 18:35	08.23.2023 23:55	A Post Contingency Local Load Relief Warning has been issued to maintain CORRIDOR-MORSE at 233.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.21.2023 15:43	08.23.2023 23:55	A Post Contingency Local Load Relief Warning has been issued to maintain CYPRUS-WHITERD CYP-WHIT at 63.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.15.2023 18:15	08.15.2023 19:58	A Post Contingency Local Load Relief Warning has been issued to maintain CHURCH-IBCORN 6710-1 at 111.0 MVA in the DPL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DPL
08.14.2023 09:19	08.15.2023 07:41	A Post Contingency Local Load Relief Warning has been issued to maintain STURGIS 69 KV BB_23657 at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.08.2023 10:32		A Post Contingency Local Load Relief Warning has been issued to maintain ADAMSIM 138 KV *E04 at 127.0 KV in the AEP for Transmission Contingency Control.	AEP

System Operations Subcommittee

PJM Operations Summary

August 2023 Operations

		Additional Comments: Load -No Generation or Switching available	
08.04.2023 15:18	08.05.2023 02:12	A Post Contingency Local Load Relief Warning has been issued to maintain ADAMSIM 138 KV *E04 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.03.2023 11:06	08.03.2023 11:45	A Post Contingency Local Load Relief Warning has been issued to maintain MILTON 69 KV *G06 at 61.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PPL

Hot Weather Alert (5 Events)

Effective Start Time	Effective End Time	Message	Region
08.25.2023 07:00	08.25.2023 23:00	A Hot Weather Alert has been issued from 07:00 on 08.25.2023 through 23:00 on 08.25.2023 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	WESTERN, SOUTHERN
08.24.2023 07:00	08.24.2023 23:00	A Hot Weather Alert has been issued from 07:00 on 08.24.2023 through 23:00 on 08.24.2023 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	WESTERN
08.23.2023 07:00	08.23.2023 23:00	A Hot Weather Alert has been issued from 07:00 on 08.23.2023 through 23:00 on 08.23.2023 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	WESTERN
08.22.2023 07:00	08.22.2023 23:00	A Hot Weather Alert has been issued from 07:00 on 08.22.2023 through 23:00 on 08.22.2023 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	RTO
08.21.2023 07:00	08.21.2023 23:00	A Hot Weather Alert has been issued from 07:00 on 08.21.2023 through 23:00 on 08.21.2023 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to	RTO

System Operations Subcommittee

PJM Operations Summary

August 2023 Operations

		determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	
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Non-Market PCLLRW (0 Event(s))

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

Maintenance Outage Recall (0 Events)

Unit Startup Notification Alert (0 Event(s))

High System Voltage (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))