

System Operations Subcommittee

PJM Operations Summary

November 2024 Operations

November Events:

3 Shared Reserve Events

3 Synchronized Reserve Events

1 Conservative Operation Event

14 PCLLRW Events

CPS1: 159.04% CPS2: 81.26% 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.

Shared Reserve (3 Events)

Effective Start Time	Effective End Time	Message	Region
11.22.2024 20:55	11.22.2024 21:15	PJM provided 129 MW of NPCC Shared Reserves	NPCC
11.19.2024 13:55	11.19.2024 14:15	PJM provided 192 MW of NPCC Shared Reserves	NPCC
11.13.2024 12:16	11.13.2024 12:30	PJM provided 78 MW of NPCC Shared Reserves	NPCC

Synchronized Reserve (3 Events)

Effective Start Time	Effective End Time	Message	Region
11.29.2024 11:03	11.29.2024 11:10	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
11.27.2024 19:36	11.27.2024 19:46	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
11.10.2024 00:20	11.10.2024 00:31	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO

Conservative Operation (1 Event)

Effective Start Time	Effective End Time	Message	Region
11.05.2024 07:00	11.06.2024 23:59	A Conservative Operations event has been issued from 07:00 on 11.05.2024 through 23:59 on 11.06.2024 due to While PJM has received no indication of credible threats to the power grid at this time, our government partners have encouraged the industry to remain alert to an elevated risk environment. Out of an abundance of caution, the PJM RTO will establish a more conservative posture.	RTO

System Operations Subcommittee

PJM Operations Summary

November 2024 Operations

PCLLRW (14 Events)

Effective Start Time	Effective End Time	Message	Region
11.25.2024 10:17	12.01.2024 10:54	A Post Contingency Local Load Relief Warning has been issued to maintain SHACKMIL 138 KV *E04 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
11.21.2024 13:38	11.27.2024 15:55	A Post Contingency Local Load Relief Warning has been issued to maintain HAZARD 138 KV BB_1819 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
11.21.2024 08:13	11.22.2024 22:12	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
11.19.2024 06:31	11.21.2024 15:58	A Post Contingency Local Load Relief Warning has been issued to maintain GRASSYCR 138 KV BB_3015 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
11.18.2024 10:19	11.18.2024 11:29	A Post Contingency Local Load Relief Warning has been issued to maintain LEWISTOW 115 KV 115KV at 105.8 KV in the FE(PN) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-PN
11.13.2024 06:39	11.15.2024 08:42	A Post Contingency Local Load Relief Warning has been issued to maintain TOPMOST 138 KV BB_2214 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
11.13.2024 06:25	11.13.2024 19:14	A Post Contingency Local Load Relief Warning has been issued to maintain GROTTUES-ELKTONDP 119C at 180.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM, FE-AP
11.07.2024 11:28	11.07.2024 17:19	A Post Contingency Local Load Relief Warning has been issued to maintain ATLNTCDP-GAINESVL 2161C at 849.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
11.06.2024 11:37	11.06.2024 18:22	A Post Contingency Local Load Relief Warning has been issued to maintain ATLNTCDP-GAINESVL 2161C at 849.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM

System Operations Subcommittee

PJM Operations Summary

November 2024 Operations

11.05.2024 16:02	11.05.2024 20:30	A Post Contingency Local Load Relief Warning has been issued to maintain ATLNTCDP-GAINESVL 2161C at 849.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
11.05.2024 05:50	11.05.2024 09:25	A Post Contingency Local Load Relief Warning has been issued to maintain NEWBERRY 115 KV 115KV at 105.8 KV in the FE(ME) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ME
11.03.2024 16:43	11.03.2024 17:59	A Post Contingency Local Load Relief Warning has been issued to maintain BEAVER-NASA at 203.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Generation redispatch available	FE-ATSI
10.30.2024 14:52	11.01.2024 18:54	A Post Contingency Local Load Relief Warning has been issued to maintain ATLNTCDP-GAINESVL 2161C at 833.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
09.25.2024 12:04	11.22.2024 10:28	A Post Contingency Local Load Relief Warning has been issued to maintain RIVERVIL 138 KV *E14 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP

System Operations Subcommittee

PJM Operations Summary

November 2024 Operations

Cold Weather Advisory (0 Events)
Cold Weather Alert (0 Events)
Curtailement of Non-Essential Building Load (0 Events)
Deploy All Resources Action (0 Events)
Emergency Energy Request (0 Events)
Emergency Load Mgmt Reduction Action (0 Events)
Emergency Voluntary Energy Only Demand Response (0 Events)
Gas Pipeline Contingencies (0 Events)
Geomagnetic Disturbance Action (0 Events)
Geomagnetic Disturbance Warning (0 Events)
High System Voltage (0 Events)
HLV Action (0 Events)
HLV Warning (0 Events)
Hot Weather Alert (0 Events)
IROL - Information Only (0 Events)
Load Shed Directive (0 Events)
Local Minimum Generation Event (0 Events)
Low Voltage Alert (0 Events)
Maintenance Outage Recall (0 Events)
Manual Load Dump Action (0 Events)
Manual Load Dump Warning (0 Events)
Maximum Generation Emergency/Load Management Alert (0 Events)
Maximum Generation Emergency Action (0 Events)
Minimum Generation Advisory (0 Events)
Minimum Generation Alert (0 Events)
Minimum Generation Emergency Declaration (0 Events)
Minimum Generation Event (0 Events)
Non-Market PCLLRW Event (0 Events)
Pre-Emergency Load Mgmt Reduction Action (0 Events)
Primary Reserve Alert (0 Events)
Primary Reserve Warning (0 Events)
TLR (0 Events)
Unit Startup Notification Alert (0 Events)
Voltage Reduction Action (0 Events)
Voltage Reduction Alert (0 Events)
Voltage Reduction Warning and Reduction of NCPL (0 Events)