

System Operations Subcommittee

PJM Operations Summary

September Operations

September Events:

12 PCLLRW Events

1 Synchronized Reserve Events

2 Shared Reserve Events

2 Hot Weather Alert Events

4 High System Voltage Events

CPS1: 137.58% CPS2: 85.35% BAAL: 99.84%

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
9/27/2021 16:56	9/27/2021 17:04	100% Synchronized Reserve Event has been initiated for the PJM RTO region for the loss of a unit.	PJM-RTO

Shared Reserve (2 Events)

Effective Start Time	Effective End Time	Message	Region
9/30/2021 18:18	9/30/2021 18:36	PJM provided 72 MW of NPCC Shared Reserves	NPCC
09/27/2021 17:00	09/27/2021 17:10	PJM received 375 MW of NPCC Shared Reserves	NPCC

PCLLRW (12 Events)

Effective Start Time	Effective End Time	Message	Region
9/28/2021 6:58	9/28/2021 8:35	A Post Contingency Local Load Relief Warning has been issued to maintain WILLAMET 138 KV at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP
9/28/2021 0:10	9/28/2021 0:36	A Post Contingency Local Load Relief Warning has been issued to maintain WILLAMET 138 KV at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP
9/27/2021 13:14	09/29/2021 17:34	A Post Contingency Local Load Relief Warning has been issued to maintain JAY 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

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9/14/2021 14:48	9/16/2021 22:43	A Post Contingency Local Load Relief Warning has been issued to maintain SOFTSHEL 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
9/14/2021 13:14	9/14/2021 13:38	A Post Contingency Local Load Relief Warning has been issued to maintain TOPMOST 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
9/14/2021 11:54	9/14/2021 16:13	A Post Contingency Local Load Relief Warning has been issued to maintain SSCIOTO 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI
9/13/2021 13:46	9/13/2021 15:16	A Post Contingency Local Load Relief Warning has been issued to maintain MIER 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
9/13/2021 13:40	9/13/2021 19:46	A Post Contingency Local Load Relief Warning has been issued to maintain SSCIOTO 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI
9/8/2021 16:52	9/9/2021 11:14	A Post Contingency Local Load Relief Warning has been issued to maintain SAXTON-THREESPR 2K 1062 at 152.0 MVA in the FE(PN) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP FE-ME PPL
9/8/2021 16:43	9/8/2021 16:54	A Post Contingency Local Load Relief Warning has been issued to maintain SAXTON-THREESPR 2K 1062 at 152.0 MVA in the FE(PN) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP FE-ME PPL
9/8/2021 14:48	9/9/2021 1:24	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 159.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
9/7/2021 14:52	9/10/2021 15:03	A Post Contingency Local Load Relief Warning has been issued to maintain HAYSBRCH 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

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Hot Weather Alert (2 Events)

Effective Start Time	Effective End Time	Message	Region
9/15/2021 7:00	9/15/2021 22:00	A Hot Weather Alert has been issued from 07:00 on 09.15.2021 through 22:00. Additional Comments: Forecasted Temperature 90 degrees, THI 80.	MIDATL
9/13/2021 8:25	9/14/2021 22:00	A Hot Weather Alert has been issued from 07:00 on 09.14.2021 through 22:00. Additional Comments: Temperatures Forecasted at 90-92 degrees, THI 82.	MIDATL Southern

High System Voltage (4 Events)

Effective Start Time	Effective End Time	Message	Region
9/25/2021 23:25	9/26/2021 10:59	A High System Voltage Action has been issued for the Western region of the PJM RTO.	WESTERN
9/24/2021 0:11	9/24/2021 6:15	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN
9/5/2021 1:30	9/5/2021 10:00	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN
9/4/2021 2:00	9/4/2021 9:30	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN

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))

Cold 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))

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Emergency Energy Request (0 Event(s))

Non – Market PCLLRW (0 Events)