

System Operations Subcommittee

PJM Operations Summary

May 2022 Operations

May Events:

4 Synchronized Reserve Event

3 Shared Reserve Events

24 PCLLRW Events

3 Hot Weather Alert Event

CPS1: 131.93% CPS2: 85.62% BAAL: 99.80%

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 (4 Event)

Effective Start Time	Effective End Time	Message	Region
05.26.2022 14:09	05.26.2022 14:15	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO
05.23.2022 17:17	05.23.2022 17:32	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO
05.16.2022 15:53	05.16.2022 16:03	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO
05.16.2022 15:32	05.16.2022 15:43	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO

Shared Reserve (3 Events)

Effective Start Time	Effective End Time	Message	Region
05.20.2022 05:38	05.20.2022 06:00	PJM provided 70 MW of NPCC Shared Reserves	NPCC
05.16.2022 15:37	05.16.2022 15:47	PJM received 500 MW of NPCC Shared Reserves	NPCC
05.15.2022 08:44	05.15.2022 09:05	PJM provided 141 MW of NPCC Shared Reserves	NPCC

PCLLRW (24 Events)

Effective Start Time	Effective End Time	Message	Region
05.31.2022 17:25	05.31.2022 23:54	A Post Contingency Local Load Relief Warning has been issued to maintain BULLRUN-CLIFTON 2212A at 632.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.31.2022 15:15	05.31.2022 15:46	A Post Contingency Local Load Relief Warning has been issued to maintain BRAMBLET-POLANDRD 2183A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.31.2022 14:14	05.31.2022 23:43	A Post Contingency Local Load Relief Warning has been issued to maintain BEXLEY-STCLAIR2 at 243.0 MVA in the AEP for Transmission Contingency Control.	AEP

System Operations Subcommittee

PJM Operations Summary

May 2022 Operations

		Additional Comments: Load -No Generation or Switching available	
05.31.2022 13:29	05.31.2022 15:46	A Post Contingency Local Load Relief Warning has been issued to maintain BRAMBLET TX1 XFORMER at 1177.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.30.2022 18:21	05.30.2022 20:31	A Post Contingency Local Load Relief Warning has been issued to maintain IDYLWOO4-CLARK4 202A at 533.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.22.2022 15:01	05.22.2022 19:22	A Post Contingency Local Load Relief Warning has been issued to maintain BUTTRMLK-ROUNDTBL 2214A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.22.2022 14:21	05.22.2022 19:22	A Post Contingency Local Load Relief Warning has been issued to maintain ASHBURN-COCHRANM 227A at 774.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.22.2022 13:43	05.22.2022 19:22	A Post Contingency Local Load Relief Warning has been issued to maintain BRAMBLET-POLANDRD 2183A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.22.2022 13:40	05.22.2022 19:22	A Post Contingency Local Load Relief Warning has been issued to maintain ENTRPRIS-SHELHORN 2186A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
05.22.2022 11:45	05.22.2022 19:22	A Post Contingency Local Load Relief Warning has been issued to maintain GREENWAY-SHELHORN 2188B1 at 1080.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
05.21.2022 16:46	05.21.2022 23:20	A Post Contingency Local Load Relief Warning has been issued to maintain BRAMBLET-POLANDRD 2183A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.21.2022 14:23	05.21.2022 23:20	A Post Contingency Local Load Relief Warning has been issued to maintain BUTTRMLK-ROUNDTBL 2214A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.21.2022 12:38	05.21.2022 16:47	A Post Contingency Local Load Relief Warning has been issued to maintain BRAMBLET-POLANDRD 2183A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.20.2022 17:31	05.20.2022 19:52	A Post Contingency Local Load Relief Warning has been issued to maintain ALLENJUN-ALLENMOD ALL-ALLE at 196.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
05.20.2022 17:29	05.20.2022 17:31	A Post Contingency Local Load Relief Warning has been issued to maintain ALLENJUN-ALLENMOD ALL-ALLE at 219.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI

System Operations Subcommittee

PJM Operations Summary

May 2022 Operations

05.20.2022 15:56	05.21.2022 03:18	A Post Contingency Local Load Relief Warning has been issued to maintain BUTTRMLK-ROUNDTBL 2214A at 1059.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.20.2022 12:09	05.22.2022 00:43	A Post Contingency Local Load Relief Warning has been issued to maintain ASHBURN-COCHRANM 227A at 791.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.20.2022 11:43	05.21.2022 23:20	A Post Contingency Local Load Relief Warning has been issued to maintain GREENWAY-SHELHORN 2188B1 at 1080.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
05.19.2022 16:04	05.19.2022 22:21	A Post Contingency Local Load Relief Warning has been issued to maintain ASHBURN-COCHRANM 227A at 774.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.19.2022 16:03	05.19.2022 22:20	A Post Contingency Local Load Relief Warning has been issued to maintain IDYLWOO4-CLARK4 202A at 533.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.18.2022 17:43	05.18.2022 18:53	A Post Contingency Local Load Relief Warning has been issued to maintain ABINGDON-CLINCHRI at 173.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Generation - slow response	AEP
05.11.2022 14:55	05.11.2022 15:14	A Post Contingency Local Load Relief Warning has been issued to maintain BUTL APS-SHANORMA KND-BT at 437.0 MVA in the FE(APS) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-AP FE-ATSI
05.10.2022 13:32	05.10.2022 20:23	A Post Contingency Local Load Relief Warning has been issued to maintain IDYLWOO4-CLARK4 202A at 586.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
05.02.2022 13:01	05.02.2022 13:21	A Post Contingency Local Load Relief Warning has been issued to maintain BRAMBLET-EVRGREEN 2172B at 1080.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM

Hot Weather Alert (3 Events)

Effective Start Time	Effective End Time	Message	Region
05.31.2022 07:00	05.31.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 05.31.2022 through 23:00 on 05.31.2022	PJM-RTO
05.21.2022 07:00	05.21.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 05.21.2022 through 23:00 on 05.21.2022	MIDATL SOUTHERN
05.20.2022 07:00	05.20.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 05.20.2022 through 23:00 on 05.20.2022	MIDATL SOUTHERN

Voltage Reduction Warning (0 Event(s))

System Operations Subcommittee

PJM Operations Summary

May 2022 Operations

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))

Non-Market PCLLRW (0 Event(s))

Local Min Generation Event (0 Event(s))

Conservative Operations (0 Event(s))

Cold Weather Alert (0 Event(s))

High System Voltage (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))

Geomagnetic Disturbance (0 Event(s))