

System Operations Subcommittee

PJM Operations Summary

August Operations

August Events:

14 PCLLRW Events

6 Non-Market PCLLRW Events

2 Synchronized Reserve Events

3 Shared Reserve Events

9 Hot Weather Alert Events

CPS1: 135.29% CPS2: 82.75% BAAL: 99.68%

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 (2 Events)

Effective Start Time	Effective End Time	Message	Region
08.24.2021 10:37	08.24.2021 10:45	100% Synchronized Reserve Event has been initiated for the PJM_RTO region for loss of the unit.	PJM-RTO
08.23.2021 16:44	08.23.2021 17:01	100% Synchronized Reserve Event has been initiated for the PJM_RTO region for loss of the unit.	PJM-RTO

Shared Reserve (3 Events)

Effective Start Time	Effective End Time	Message	Region
08.25.2021 14:21	08.25.2021 14:40	PJM provided 75 MW of NPCC Shared Reserves	NPCC
08.24.2021 10:40	08.24.2021 10:52	PJM received 600 MW of NPCC Shared Reserves	NPCC
08.20.2021 14:20	08.20.2021 14:29	PJM provided 71 MW of NPCC Shared Reserves	NPCC

PCLLRW (14 Events)

Effective Start Time	Effective End Time	Message	Region
08.27.2021 15:27	08.28.2021 00:26	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 151.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.26.2021 14:31	08.26.2021 22:05	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 151.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.25.2021 15:07	08.25.2021 23:38	A Post Contingency Local Load Relief Warning has been issued to maintain RAPPAHAN-WHITESTN	DOM

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		65A1 at 151.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	
08.24.2021 15:32	08.24.2021 23:15	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 151.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.23.2021 15:39	08.23.2021 22:29	A Post Contingency Local Load Relief Warning has been issued to maintain 02ELWOOD 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
08.19.2021 14:56	08.20.2021 05:48	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 151.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.18.2021 12:38	08.18.2021 14:56	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: Post Contingency Switching available	DOM
08.18.2021 09:05	08.18.2021 15:33	A Post Contingency Local Load Relief Warning has been issued to maintain ONTARIO-SEARSTOW 0602 at 120.0 MVA in the AE for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AE
08.17.2021 14:44	08.17.2021 17:13	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 151 MVA in the DOM for Transmission Contingency Control. - Open at Northern Neck 115KV '6552' breaker pre-contingency at or over the Load Dump limit.	DOM
08.16.2021 15:28	08.16.2021 17:24	A Post Contingency Local Load Relief Warning has been issued to maintain RAPPAHAN-WHITESTN 65A1 at 159.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
08.13.2021 17:08	08.13.2021 21:51	A Post Contingency Local Load Relief Warning has been issued to maintain CHURCH-MASSEYRE 6727-1 at 64.0 MVA in the DPL(Delmarva) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DPL

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08.11.2021 17:13	08.12.2021 01:32	A Post Contingency Local Load Relief Warning has been issued to maintain CHURCH-MASSEYRE 6727-1 at 64.0 MVA in the DPL(Delmarva) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DPL
08.10.2021 17:15	08.10.2021 20:24	A Post Contingency Local Load Relief Warning has been issued to maintain CHURCH-MASSEYRE 6727-1 at 64.0 MVA in the DPL(Delmarva) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DPL
08.06.2021 16:40	08.06.2021 18:44	A Post Contingency Local Load Relief Warning has been issued to maintain EDGEMOOR-WESTDPL EDG-WDPL at 78.0 MVA in the DPL(Delmarva) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DPL

Non – Market PCLLRW (6 Events)

Effective Start Time	Effective End Time	Message	Region
08.29.2021 12:45	08.29.2021 23:20	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain COOK 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.28.2021 14:02	08.28.2021 17:10	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain COOK 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.27.2021 14:37	08.27.2021 22:01	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain COOK 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.24.2021 15:44	08.24.2021 20:36	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain COOK 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.24.2021 13:51	08.24.2021 17:12	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain MCRERYCO MCRY 161_69 XFR at 117.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC

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08.24.2021 13:50	08.24.2021 17:12	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain GOLDBUG - WOFFORD TIE at 46.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
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Hot Weather Alert (9 Events)

Effective Start Time	Effective End Time	Message	Region
08.27.2021 07:00	08.27.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 08.27.2021 through 22:00 on 08.27.2021.	MIDATL, SOUTHERN
08.26.2021 07:00	08.26.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 08.26.2021 through 22:00 on 08.26.2021.	AEP, AMPT, APS, CPP, DAYTON, DEOK, DUQ, EKPC, FE-ATSI, ITCI, MIDATL, OVEC, SOUTHERN
08.25.2021 07:00	08.25.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 08.25.2021 through 22:00 on 08.25.2021.	PJM-RTO
08.24.2021 07:00	08.24.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 08.24.2021 through 22:00 on 08.24.2021.	PJM-RTO
08.13.2021 07:00	08.13.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 08.13.2021 through 22:00 on 08.13.2021.	MIDATL, SOUTHERN
08.12.2021 07:00	08.12.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 08.12.2021 through 22:00 on 08.12.2021.	PJM-RTO
08.11.2021 07:00	08.11.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 08.11.2021 through 22:00 on 08.11.2021.	PJM-RTO
08.10.2021 07:00	08.10.2021 22:01	A Hot Weather Alert has been issued from 07:00 on 08.10.2021 through 22:01 on 08.10.2021.	COMED, MIDATL
08.09.2021 07:00	08.09.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 08.09.2021 through 22:00 on 08.09.2021.	AEP, AMPT, APS, CPP, DAYTON, DEOK, DUQ, EKPC, FE-ATSI, ITCI, MIDATL, OVEC

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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))

Emergency Energy Request (0 Event(s))

High System Voltage (0 Event(s))