

System Operations Subcommittee

PJM Operations Summary

August 2022 Operations

August Events:

4 Shared Reserve Events

28 PCLLRW Events

6 Non-Market PCLLRW

7 Hot Weather Alert Event

1 Geomagnetic Disturbance Warning

CPS1: 141.36% CPS2: 86.04% BAAL: 99.87%

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 (4 Events)

Effective Start Time	Effective End Time	Message	Region
08.08.2022 16:52	08.08.2022 17:15	PJM provided 108 MW of NPCC Shared Reserves	NPCC
08.08.2022 15:29	08.08.2022 15:55	PJM provided 75 MW of NPCC Shared Reserves	NPCC
08.04.2022 12:55	08.04.2022 13:24	PJM provided 167 MW of NPCC Shared Reserves	NPCC
08.02.2022 13:13	08.02.2022 13:31	PJM provided 77 MW of NPCC Shared Reserves	NPCC

PCLLRW (28 Events)

Effective Start Time	Effective End Time	Message	Region
08.30.2022 20:08	08.30.2022 21:26	A Post Contingency Local Load Relief Warning has been issued to maintain FARMVILL TX5 XFORMER at 203.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
08.29.2022 19:23	08.29.2022 22:41	A Post Contingency Local Load Relief Warning has been issued to maintain FARMVILL TX5 XFORMER at 203.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
08.29.2022 16:47	08.29.2022 22:41	A Post Contingency Local Load Relief Warning has been issued to maintain PLEASNTV TX3 XFORMER at 1018.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.29.2022 14:12	08.29.2022 18:29	A Post Contingency Local Load Relief Warning has been issued to maintain BELLEFON 138 KV *E02 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
08.29.2022 14:01	08.29.2022 18:29	A Post Contingency Local Load Relief Warning has been issued to maintain DOGWOODR 138 KV BB_8030 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

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08.28.2022 19:16	08.28.2022 21:52	A Post Contingency Local Load Relief Warning has been issued to maintain FARMVILL TX5 XFORMER at 203.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
08.28.2022 19:04	08.28.2022 19:16	A Post Contingency Local Load Relief Warning has been issued to maintain FARMVILL TX5 XFORMER at 203 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
08.10.2022 15:07	08.10.2022 16:55	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
08.09.2022 17:35	08.09.2022 21:52	A Post Contingency Local Load Relief Warning has been issued to maintain WAGNER 230-1 XFORMER at 350.0 MVA in the BC for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	BGE
08.09.2022 17:30	08.09.2022 19:07	A Post Contingency Local Load Relief Warning has been issued to maintain WAGNER 230-2 XFORMER at 350.0 MVA in the BC for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	BGE
08.09.2022 17:12	08.09.2022 17:28	A Post Contingency Local Load Relief Warning has been issued to maintain WAGNER 230-1 XFORMER at 350.0 MVA in the BC for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	BGE
08.09.2022 17:09	08.09.2022 17:28	A Post Contingency Local Load Relief Warning has been issued to maintain WAGNER 230-2 XFORMER at 350.0 MVA in the BC for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	BGE
08.09.2022 15:22	08.09.2022 21:36	A Post Contingency Local Load Relief Warning has been issued to maintain BEAUMEAD-PARAGNPK 2206A at 774.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.09.2022 14:42	08.09.2022 21:35	A Post Contingency Local Load Relief Warning has been issued to maintain BEAUMEAD 274T2206 CB at 980.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.09.2022 13:10	08.09.2022 21:35	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
08.08.2022 17:07	08.08.2022 20:26	A Post Contingency Local Load Relief Warning has been issued to maintain HOYTDAL2-MAPLEOE at 331.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
08.08.2022 15:33	08.08.2022 16:16	A Post Contingency Local Load Relief Warning has been issued to maintain HOYTDAL2-MAPLEOE at 331.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
08.08.2022 14:33	08.08.2022 19:19	A Post Contingency Local Load Relief Warning has been issued to maintain BRISTERS TX1 XFORMER at 956.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	DOM

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08.08.2022 14:32	08.08.2022 19:19	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
08.08.2022 14:19	08.08.2022 15:25	A Post Contingency Local Load Relief Warning has been issued to maintain PLEASNTV TX3 XFORMER at 1018.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.08.2022 13:45	08.08.2022 21:04	A Post Contingency Local Load Relief Warning has been issued to maintain SILVERVI 138 KV *E03 at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-AP
08.07.2022 17:30	08.07.2022 18:48	A Post Contingency Local Load Relief Warning has been issued to maintain SPRUCE-04LRCR Q2 at 148.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	FE-ATSI
08.04.2022 16:14	08.04.2022 16:53	A Post Contingency Local Load Relief Warning has been issued to maintain DICKERSH-DICKERSO 23103 at 680.0 MVA in the PEPCO for Transmission Contingency Control. Additional Comments: Generation - slow response	DOM PEPCO
08.04.2022 15:36	08.04.2022 17:09	A Post Contingency Local Load Relief Warning has been issued to maintain PLEASNTV TX3 XFORMER at 1018.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.04.2022 15:31	08.04.2022 18:12	A Post Contingency Local Load Relief Warning has been issued to maintain QUINCEOR 118-4T XFORMER at 152.0 MVA in the PEPCO for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	PEPCO
08.03.2022 12:59	08.05.2022 15:41	A Post Contingency Local Load Relief Warning has been issued to maintain MAGLEY 138 KV BB_20071 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
08.02.2022 17:36	08.02.2022 19:22	A Post Contingency Local Load Relief Warning has been issued to maintain CUMB PL-JUNIATA 2235 at 618.0 MVA in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
08.01.2022 10:06	08.03.2022 02:19	A Post Contingency Local Load Relief Warning has been issued to maintain 04LKSHOR-02LAKERD at 240.0 MVA in the CPP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	CPP FE_ATSI

Non-Market PCLLRW (6 Events)

Effective Start Time	Effective End Time	Message	Region
08.30.2022 12:25	08.30.2022 21:43	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SEWELLTN 69 KV ND_185 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
08.30.2022 12:16	08.30.2022 12:24	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SEWELLTN 69 KV ND_185 at 63.5 KV in the	EKPC

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		EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	
08.29.2022 10:11	08.29.2022 21:25	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SEWELLTN 69 KV ND_185 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
08.10.2022 14:37	08.12.2022 19:03	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain GREENCO -GREENSBU TIE at 72.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
08.08.2022 13:31	08.08.2022 23:11	A Non-Market Post Contingency Local Load Relief Warn 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
08.08.2022 13:24	08.11.2022 22:16	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BRODHA 69 KV ND_184 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC

Hot Weather Alert (7 Events)

Effective Start Time	Effective End Time	Message	Region
08.30.2022 07:00	08.30.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 08.30.2022 through 23:00 on 08.30.2022	MIDATL SOUTHERN
08.09.2022 07:00	08.09.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 08.09.2022 through 23:00 on 08.09.2022	MIDATL SOUTHERN
08.08.2022 07:00	08.08.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 08.08.2022 through 23:00 on 08.08.2022	MIDATL
08.05.2022 07:00	08.05.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 08.05.2022 through 23:00 on 08.05.2022	MIDATL
08.04.2022 07:00	08.04.2022 23:01	A Hot Weather Alert has been issued from 07:00 on 08.04.2022 through 23:00 on 08.04.2022	MIDATL SOUTHERN
08.03.2022 07:00	08.03.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 08.03.2022 through 23:00 on 08.03.2022	PJM-RTO
08.02.2022 07:00	08.02.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 08.02.2022 through 23:00 on 08.02.2022	MIDATL SOUTHERN

Geomagnetic Disturbance (1 Events)

Effective Start Time	Effective End Time	Message	Region
08.17.2022 16:31	08.17.2022 20:06	A Geomagnetic Disturbance Warning has been issued for 16:31 on 08.17.2022 through 20:06 on 08.17.2022. A GMD warning of K7 or greater or greater is in effect for this period.	PJM-RTO

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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))

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))