

System Operations Subcommittee

PJM Operations Summary

July 2022 Operations

July Events:

1 Synchronized Reserve Event

5 Shared Reserve Events

13 PCLLRW Events

6 Non-Market PCLLRW

10 Hot Weather Alert Event

CPS1: 135.78% CPS2: 83.85% BAAL: 99.78%

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
07.07.2022 17:21	07.07.2022 17:29	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO

Shared Reserve (5 Events)

Effective Start Time	Effective End Time	Message	Region
07.23.2022 18:11	07.23.2022 18:41	PJM provided 217 MW of NPCC Shared Reserves	NPCC
07.21.2022 11:55	07.21.2022 12:24	PJM provided 150 MW of NPCC Shared Reserves	NPCC
07.19.2022 21:00	07.19.2022 21:13	PJM provided 75 MW of NPCC Shared Reserves	NPCC
07.07.2022 17:24	07.07.2022 17:38	PJM received 600 MW of NPCC Shared Reserves	NPCC
07.06.2022 15:58	07.06.2022 16:20	PJM provided 187 MW of NPCC Shared Reserves	NPCC

PCLLRW (13 Events)

Effective Start Time	Effective End Time	Message	Region
07.29.2022 13:11	07.29.2022 16:46	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
07.28.2022 09:07	07.28.2022 17:17	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
07.23.2022 14:39	07.27.2022 22:27	A Post Contingency Local Load Relief Warning has been issued to maintain NWASHNTN 69 KV *H02 at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP

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07.23.2022 12:42	07.27.2022 22:27	A Post Contingency Local Load Relief Warning has been issued to maintain NASHNTN 69 KV *H02 at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
07.21.2022 15:40	07.21.2022 18:25	A Post Contingency Local Load Relief Warning has been issued to maintain CEDARNEC 69 KV *G04 at 65.0 KV in the DPL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	DPL
07.21.2022 14:25	07.21.2022 18:25	A Post Contingency Local Load Relief Warning has been issued to maintain ROBINS 138 KV *F1C at 130.0 KV in the DPL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	DPL
07.20.2022 17:16	07.20.2022 19:29	A Post Contingency Local Load Relief Warning has been issued to maintain OPEQUON 138 KV 138-B at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP
07.17.2022 09:46	07.17.2022 10:23	A Post Contingency Local Load Relief Warning has been issued to maintain QUINCEOR 118-4T XFORMER at 152 MVA in the PEPCO for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PEPCO
07.14.2022 19:03	07.14.2022 19:38	A Post Contingency Local Load Relief Warning has been issued to maintain LANCWFIL-LETORT LAN-LETO at 123.0 MVA in the PL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PPL
07.14.2022 16:01	07.14.2022 16:04	A Post Contingency Local Load Relief Warning has been issued to maintain LANCWFIL-LETORT LAN-LETO at 123.0 MVA in the PL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PPL
07.06.2022 15:58	07.06.2022 16:03	A Post Contingency Local Load Relief Warning has been issued to maintain DOOMS4 -BRANDDP 102A at 147.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
07.05.2022 17:12	07.05.2022 18:17	A Post Contingency Local Load Relief Warning has been issued to maintain LOCKBOUR 138 KV *E11 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
07.02.2022 17:10	07.02.2022 19:49	A Post Contingency Local Load Relief Warning has been issued to maintain ROBINS 138 KV *F1C at 130.0 KV in the DPL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	DPL

Non-Market PCLLRW (6 Events)

Effective Start Time	Effective End Time	Message	Region
07.27.2022 15:28	07.27.2022 21:28	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
07.22.2022 13:30	07.22.2022 14:19	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BOONECO 138_69 XFR at 76.0 MVA in the	EKPC

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		EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	
07.20.2022 15:45	07.20.2022 20:08	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BOONECO 138_69 XFR at 76.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
07.20.2022 13:25	07.27.2022 22:27	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: BES 2 Facility	AEP
07.20.2022 11:32	07.20.2022 20:08	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BOONECO 138_69 XFR at 76.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
07.19.2022 15:09	07.19.2022 20:12	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BOONECO 138_69 XFR at 76.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC

Hot Weather Alert (10 Events)

Effective Start Time	Effective End Time	Message	Region
07.28.2022 07:00	07.28.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 07.28.2022 through 23:00 on 07.28.2022	MIDATL SOUTHERN
07.23.2022 07:30	07.23.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 07.23.2022 through 23:00 on 07.23.2022	PJM-RTO
07.24.2022 07:00	07.24.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 07.24.2022 through 23:00 on 07.24.2022	PJM-RTO
07.22.2022 07:00	07.22.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 07.22.2022 through 23:00 on 07.22.2022	PJM-RTO
07.21.2022 07:00	07.21.2022 23:01	A Hot Weather Alert has been issued from 07:00 on 07.21.2022 through 23:01 on 07.21.2022	PJM-RTO
07.20.2022 07:00	07.20.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 07.20.2022 through 23:00 on 07.20.2022	PJM-RTO
07.19.2022 07:00	07.19.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 07.19.2022 through 23:00 on 07.19.2022	MIDATL
07.12.2022 07:00	07.12.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 07.12.2022 through 23:00 on 07.12.2022	MIDATL
07.05.2022 07:00	07.05.2022 23:00	A Hot Weather Alert has been issued from 07:00 on 07.05.2022 through 23:00 on 07.05.2022	WESTERN
07.01.2022 07:00	07.01.2022 23:09	A Hot Weather Alert has been issued from 07:00 on 07.01.2022 through 23:09 on 07.01.2022	MIDATL

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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))

Geomagnetic Disturbance (0 Event(s))