

System Operations Subcommittee

PJM Operations Summary

July Operations

July Events:

8 PCLLRWs

4 Non-Market PCLLRWs

2 Synchronized Reserve Events

2 Shared Reserve Events

1 High System Voltage Action

6 Hot Weather Alerts

CPS1: 136.90% CPS2: 82.68% BAAL: 99.77%

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
07.25.2021 16:16	07.25.2021 16:23	100% Synchronized Reserve Event has been initiated for the PJM_RTO region for loss of the unit.	PJM-RTO
07.21.2021 18:27	07.21.2021 18:32	100% Synchronized Reserve Event has been initiated for the PJM_RTO region for loss of the unit.	PJM-RTO

Shared Reserve (2 Events)

Effective Start Time	Effective End Time	Message	Region
07.16.2021 17:39	07.16.2021 17:55	PJM provided 92 MW of NYISO reserves	NPCC
07.08.2021 17:05	07.08.2021 17:20	PJM provided 72 MW of NYISO shared reserves	NPCC

High System Voltage (1 Event)

Effective Start Time	Effective End Time	Message	Region
07.03.2021 02:16	07.03.2021 09:19	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN

PCLLRW (8 Events)

Effective Start Time	Effective End Time	Message	Region
07.28.2021 17:52	07.28.2021 21:03	A Post Contingency Local Load Relief Warning has been issued to maintain SHENANGO-MASURY at 189.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available - restore Crossland 138kv bus after ope	FE-ATSI

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07.28.2021 16:33	07.28.2021 17:23	A Post Contingency Local Load Relief Warning has been issued to maintain SHENANGO-MASURY at 189.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
07.17.2021 15:25	07.17.2021 18:56	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
07.16.2021 17:47	07.16.2021 21:34	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
07.12.2021 18:12	07.12.2021 20:04	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
07.07.2021 12:51	07.07.2021 17:30	A Post Contingency Local Load Relief Warning has been issued to maintain WWINCHES 138 KV at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	APS
07.06.2021 17:37	07.06.2021 19:03	A Post Contingency Local Load Relief Warning has been issued to maintain GARDNERS-TEXSEAST GAR-TEX at 183.0 MVA in the FE(ME) for Transmission Contingency Control. Additional Comments: Generation - slow response	FE-ME
06.26.2021 13:44	07.01.2021 17:19	A Post Contingency Local Load Relief Warning has been issued to maintain RICKERMA 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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Non – Market PCLLRW (4 Events)

Effective Start Time	Effective End Time	Message	Region
07.27.2021 13:39	07.27.2021 14:34	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain HIGHLND2-MARTIDPL HIG-09M1 at 68.0 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DAYTON
07.23.2021 16:40	07.23.2021 21:03	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain HIGHLND2-MARTIDPL HIG-09M1 at 68.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP, DAYTON
07.19.2021 10:38	07.19.2021 17:25	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BRODHA 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
06.30.2021 11:45	07.01.2021 04:03	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain HIGHLND2-MARTIDPL HIG-09M1 at 68.0 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DAYTON

Hot Weather Alert (6 Events)

Effective Start Time	Effective End Time	Message	Region
07.27.2021 07:00	07.27.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 07.27.2021 through 22:00 on 07.27.2021.	MIDATL
07.17.2021 07:00	07.17.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 07.17.2021 through 22:00 on 07.17.2021.	MIDATL, SOUTHERN

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07.16.2021 07:00	07.16.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 07.16.2021 through 22:00 on 07.16.2021.	MIDATL, SOUTHERN
07.15.2021 07:00	07.15.2021 22:00	A Hot Weather Alert has been issued from 07:00 on 07.15.2021 through 22:00 on 07.15.2021.	MIDATL, SOUTHERN
07.07.2021 07:00	07.07.2021 22:30	A Hot Weather Alert has been issued from 07:00 on 07.07.2021 through 22:30 on 07.07.2021.	MIDATL, SOUTHERN
07.06.2021 07:00	07.06.2021 22:48	A Hot Weather Alert has been issued from 07:00 on 07.06.2021 through 22:48 on 07.06.2021.	PJM-RTO

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))