

System Operations Subcommittee

PJM Operations Summary

May Operations

May Events:

14 PCLLRW Events

3 Non-Market PCLLRW Events

1 Synchronized Reserve Event

6 High System Voltage Actions

4 Shared Reserve Events

1 Geomagnetic Disturbance Warning

1 Hot Weather Alert Event

CPS1: 138.01% CPS2: 84.48% 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 (1 Event)

Effective Start Time	Effective End Time	Message	Region
05.26.2021 10:17	05.26.2021 10:27	100% Synchronized Reserve Event has been initiated for the PJM_RTO region for loss of the unit.	PJM-RTO

Shared Reserve (4 Events)

Effective Start Time	Effective End Time	Message	Region
05.26.2021 10:27	05.26.2021 10:32	PJM received 815 MW of NPCC shared reserves	NPCC
05.19.2021 17:05	05.19.2021 17:34	PJM provided 108 MW of NPCC shared reserves	NPCC
05.15.2021 20:57	05.15.2021 21:15	PJM provided 141 MW of NPCC shared reserves	NPCC
05.03.2021 08:05	05.03.2021 08:22	PJM provided 141 MW of NPCC shared reserves	NPCC

High System Voltage (6 Events)

Effective Start Time	Effective End Time	Message	Region
05.30.2021 22:00	05.31.2021 11:15	A High System Voltage Action has been issued for the PJM RTO.	PJM-RTO
05.30.2021 00:45	05.30.2021 13:10	A High System Voltage Action has been issued for the PJM RTO.	PJM-RTO
05.29.2021 01:15	05.29.2021 09:54	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN
05.15.2021 23:50	05.16.2021 11:00	A High System Voltage Action has been issued for the PJM RTO.	PJM-RTO

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05.15.2021 01:15	05.15.2021 09:30	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN
05.02.2021 01:40	05.02.2021 08:30	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN

PCLLRW (14 Events)

Effective Start Time	Effective End Time	Message	Region
05.26.2021 23:09	05.27.2021 06:13	A Post Contingency Local Load Relief Warning has been issued to maintain CASHCNDP-GORDONSV 2135A at 663.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
05.26.2021 16:03	05.26.2021 16:47	A Post Contingency Local Load Relief Warning has been issued to maintain ELMONT4 TX1 XFORMER at 1090.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Generation - slow response	DOM
05.26.2021 15:35	05.27.2021 02:12	A Post Contingency Local Load Relief Warning has been issued to maintain SALTVILL-TAZEWELL at 307.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
05.26.2021 00:32	05.26.2021 07:28	A Post Contingency Local Load Relief Warning has been issued to maintain CASHCNDP-GORDONSV 2135A at 663.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
05.25.2021 11:19	05.26.2021 13:43	A Post Contingency Local Load Relief Warning has been issued to maintain 02MARBLE 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
05.25.2021 02:28	05.25.2021 11:02	A Post Contingency Local Load Relief Warning has been issued to maintain CASHCNDP-GORDONSV 2135A at 690.0 MVA in the DOM for Transmission Contingency Control.	DOM

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		Additional Comments: Post Contingency Switching available	
05.23.2021 16:59	05.23.2021 18:15	A Post Contingency Local Load Relief Warning has been issued to maintain 02MARBLE 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
05.20.2021 16:49	05.30.2021 17:03	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
05.20.2021 14:55	05.20.2021 16:54	Issued a verbal PCLLRW for AEP: 138kv Rickerma L/O 138kv Olive-RickermanRd to shed enough load to keep voltage above 127kv. PCLLRW tool not working.	AEP
05.07.2021 06:54	05.07.2021 19:34	A Post Contingency Local Load Relief Warning has been issued to maintain ELEIPSIC 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
05.04.2021 17:20	05.04.2021 21:00	A Post Contingency Local Load Relief Warning has been issued to maintain BENTMOUN-CLEARBRO at 193.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
05.04.2021 13:14	05.04.2021 14:15	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
05.04.2021 05:14	05.04.2021 05:40	A Post Contingency Local Load Relief Warning has been issued to maintain JACK PS 230 KV at 218.5 KV in the PSEG for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	PS
04.29.2021 13:25	05.01.2021 16:56	A Post Contingency Local Load Relief Warning has been issued to maintain NEWLIBER 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 (3 Events)

Effective Start Time	Effective End Time	Message	Region
05.26.2021 14:09	05.27.2021 02:05	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SMAWA-UPPERSAD at 133.0 MVA in the RECO for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	RECO
05.01.2021 08:51	05.01.2021 16:04	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SBOUNDRY 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: BES 2 Facility	EKPC
04.30.2021 10:39	05.01.2021 16:04	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain ELIZABET-KARGLE TIE at 92.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC

Geomagnetic Disturbance Warning (1 Event)

Effective Start Time	Effective End Time	Message	Region
05.12.2021 08:50	05.12.2021 20:00	A Geomagnetic Disturbance Warning has been issued for 08:50 on 05.12.2021 through 20:00 on 05.12.2021. A GMD warning of K-7 or greater is in effect for this period.	PJM-RTO

Hot Weather Alert (1 Event1)

Effective Start Time	Effective End Time	Message	Region
05.21.2021 06:30	05.23.2021 23:00	A Hot Weather Alert has been issued from 07:00 on 05.23.2021 through 23:00 on 05.23.2021.	MIDATL, SOUTHERN

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))

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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 Actin (0 Event(s))

Primary Reserve Warning (0 Event(s))

Manual Load Dump Warning (0 Event(s))

Emergency Energy Request (0 Event(s))