

System Operations Subcommittee

PJM Operations Summary

April Operations

April Events:

- **1 Synchronized Reserve Event**
- **4 Shared Reserve Event**
- **12 PCLLRW**
- **7 High System Voltage Actions**

CPS1: 149.72% BAAL: 99.92% CPS2: 89.31%

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.

PCLLRW (12 Events)

04.22.2020 07:26	04.23.2020 15:35	A Post Contingency Local Load Relief Warning has been issued to maintain HAZARD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
04.21.2020 06:40	04.23.2020 15:35	A Post Contingency Local Load Relief Warning has been issued to maintain MOTTVILL 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
04.20.2020 09:24	04.20.2020 22:20	A Post Contingency Local Load Relief Warning has been issued to maintain MOTTVILL 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
04.19.2020 03:07	04.20.2020 22:20	A Post Contingency Local Load Relief Warning has been issued to maintain HAZARD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
04.17.2020 05:56	04.18.2020 10:40	A Post Contingency Local Load Relief Warning has been issued to maintain TOPMOST 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
04.17.2020 04:07	04.18.2020 10:40	A Post Contingency Local Load Relief Warning has been issued to maintain BONNYMAN 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP

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04.14.2020 21:08	04.16.2020 14:01	A Post Contingency Local Load Relief Warning has been issued to maintain BONNYMAN 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
04.13.2020 15:05	04.13.2020 16:20	A Post Contingency Local Load Relief Warning has been issued to maintain DUNLAP 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
04.10.2020 08:13	04.10.2020 13:04	A Post Contingency Local Load Relief Warning has been issued to maintain CEDARCR2 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
04.07.2020 06:56	04.07.2020 09:46	A Post Contingency Local Load Relief Warning has been issued to maintain HARWOOD 69 KV at 61.6 KV in the PL for Transmission Contingency Control. Additional Comments: Generation - called late	PPL
04.06.2020 17:11	04.06.2020 22:47	A Post Contingency Local Load Relief Warning has been issued to maintain HARWOOD 69 KV at 61.6 KV in the PL for Transmission Contingency Control. Additional Comments: Generation - called late	PPL
04.02.2020 11:47	04.02.2020 14:12	A Post Contingency Local Load Relief Warning has been issued to maintain MEYERSDA 115 KV at 105.8 KV in the FE(PN) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-PN

Synchronized Reserves (1 Event)

04.13.2020 15:53	04.13.2020 16:01	100% Synchronized Reserve Event has been initiated for the MAD region.	Mid-Atlantic /Dominion
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Shared Reserves (4 Event)

04.29.2020 23:49	04.30.2020 00:09	PJM provided 133 MW of NPCC Shared Reserves.	NPCC
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04.13.2020 16:42	04.13.2020 16:52	PJM provided 100 MW of NPCC Shared Reserves.	NPCC
04.13.2020 15:53	04.13.2020 16:03	PJM provided 190 MW of NPCC Shared Reserves.	NPCC
04.01.2020 16:28	04.01.2020 16:45	PJM provided 190 MW of NPCC Shared Reserves.	NPCC

High System Voltage Action (7 Events)

04.26.2020 01:00	04.26.2020 10:01	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	PJM- WESTERN
04.25.2020 00:01	04.25.2020 09:45	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	PJM- WESTERN
04.19.2020 23:33	04.20.2020 06:20	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	PJM- WESTERN
04.18.2020 00:00	04.18.2020 07:05	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	PJM- WESTERN
04.11.2020 04:10	04.13.2020 05:36	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	PJM- WESTERN
04.04.2020 23:15	04.05.2020 15:46	PJM issued a High System Voltage Action for the entire PJM RTO in order to maintain actual voltages within high voltage limits.	PJM-RTO

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04.03.2020 22:55	04.04.2020 10:00	PJM issued a High System Voltage Action for the entire PJM RTO in order to maintain actual voltages within high voltage limits.	PJM-RTO
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Minimum Generation Advisory (0 Events)

Manual Load Dump Event (0 Event)

Emergency Procedure Event (0 Events)

Manual Load Dump Warning (0 Events)

HLV Schedule Warning (0 Events)

HLV Schedule Action (0 Events)

Primary Reserve Warning (0 Events)

Voltage Reduction Warning (0 Events)

Voltage Reduction (0 Events)

Emergency Energy Request (0 Events)

Max Emergency Gen Alert (0 Events)

Max Emergency Generation (0 Events)

Local Min Generation Event (0 Events)

Min Gen Alert (0 Events)

Min Gen Declaration (0 Events)

Hot Weather Alert (0 Events)

Cold Weather Alert (0 Events)

Non-Market PCLRW (0 Event)