

System Operations Subcommittee

PJM Operations Summary

December Operations

December Summary:

18 Post Contingency Local Load Relief Warnings

1 Synchronized Reserve Event

1 Conservative Operations

3 Shared Reserve Events

CPS1:146.04%

CPS2:87.66%

BAAL: 99.85%

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 (18 Events)

Effective Start Time	Effective End Time	Message	Region
12.31.2020 13:55	12.31.2020 15:08	A Post Contingency Local Load Relief Warning has been issued to maintain WERNER 115 KV at 105.8 KV in the FE(JC) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-JC
12.18.2020 17:10	12.19.2020 06:13	A Post Contingency Local Load Relief Warning has been issued to maintain ELIMA-HAVILAND at 210.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
12.18.2020 10:29	12.18.2020 11:25	A Post Contingency Local Load Relief Warning has been issued to maintain BLOOMING 230 KV at 211.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ME FE-PN PECO PPL
12.17.2020 04:26	12.17.2020 05:51	A Post Contingency Local Load Relief Warning has been issued to maintain MEADOWBR-STRASBUR MST at 229.0 MVA in the FE(APS) for Transmission Contingency Control. Additional Comments: Post Contingency Generation redispatch available	FE-AP
12.16.2020 17:10	12.16.2020 18:03	A Post Contingency Local Load Relief Warning has been issued to maintain SIEGFRIE 5 XFORMER at 537.0 MVA in the PL for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	PPL

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12.16.2020 07:38	12.17.2020 09:05	A Post Contingency Local Load Relief Warning has been issued to maintain REUSENS 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
12.15.2020 05:54	12.18.2020 10:41	A Post Contingency Local Load Relief Warning has been issued to maintain SUMSHADE 161 KV at 148.9 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
12.14.2020 19:55		A Post Contingency Local Load Relief Warning has been issued to maintain RYAN 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
12.14.2020 13:18	12.19.2020 06:13	A Post Contingency Local Load Relief Warning has been issued to maintain HARTFORD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
12.10.2020 05:25	12.10.2020 06:20	A Post Contingency Local Load Relief Warning has been issued to maintain WHITESTN-HARMONYV 65A at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Generation - slow response	DOM
12.09.2020 06:49	12.09.2020 08:55	A Post Contingency Local Load Relief Warning has been issued to maintain WHITESTN-HARMONYV 65A at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
12.09.2020 05:21	12.11.2020 15:13	A Post Contingency Local Load Relief Warning has been issued to maintain ABINGDON 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
12.08.2020 21:19	12.12.2020 20:04	A Post Contingency Local Load Relief Warning has been issued to maintain PIERPON2 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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12.02.2020 09:00	12.02.2020 10:51	A Post Contingency Local Load Relief Warning has been issued to maintain FINDLAYC 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
12.02.2020 08:01	12.02.2020 09:51	A Post Contingency Local Load Relief Warning has been issued to maintain BENTONHA-WESTSTRE at 271.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
12.02.2020 07:42	12.02.2020 14:09	A Post Contingency Local Load Relief Warning has been issued to maintain RUSSELCO 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
12.02.2020 07:14	12.13.2020 22:22	A Post Contingency Local Load Relief Warning has been issued to maintain SHEFFIEL 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
12.01.2020 07:25	12.01.2020 19:27	A Post Contingency Local Load Relief Warning has been issued to maintain MOSELEY 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

Synchronized Reserve Event (1 Event)

Effective Start Time	Effective End Time	Message	Region
12.16.2020 11:38	12.16.2020 11:48	100% Synchronized Reserve Event has been initiated for the MAD region.	DOM MIDATL

Conservative Operations (1 Event)

Effective Start Time	Effective End Time	Message	Region
12.16.2020 07:00	12.17.2020 16:00	A Conservative Operations event has been issued from 07:00 on 12.16.2020 through 16:00 on 12.17.2020 due to an impending winter storm Additional Comments: Please refer to manual 13 section 3.2 for more information.	AEP UQ FE-AP MIDATL SOUTHERN

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Shared Reserve (3 Events)

Effective Start Time	Effective End Time	Message	Region
12.29.2020 21:53	12.29.2020 22:07	PJM provided 130 MW of NPCC Shared Reserves	NPCC
12.17.2020 09:39	12.17.2020 09:49	PJM provided 100 MW of NPCC Shared Reserves	NPCC
12.10.2020 17:51	12.10.2020 18:10	PJM provided 117 MW of NPCC Shared Reserves	NPCC

High System Voltage Actions (0 Events)

Non-Market PCLLRWs (0 Event(s))

Hot Weather Alert (0 Event(s))

Manual Load Dump Warning (0 Event(s))

Manual Load Dump Event (0 Event(s))

HLV Schedule Warning (0 Event(s))

HLV Schedule Action (0 Event(s))

Primary Reserve Warning (0 Event(s))

Voltage Reduction Warning (0 Event(s))

Voltage Reduction (0 Event(s))

Emergency Energy Request (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))