

System Operations Subcommittee

PJM Operations Summary

February 2023 Operations

February Events:

- 4 Shared Reserve Event**
- 1 Synchronized Reserve Event**
- 2 PCLLRW Events**
- 1 Cold Weather Alert**
- 1 Conservative Operations**
- 1 Cold Weather Advisory**
- 3 Geomagnetic Disturbance Warning**

CPS1: 133.72% CPS2: 85.57% 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.

Shared Reserve (4 Event)

Effective Start Time	Effective End Time	Message	Region
02.11.2023 09:52	02.11.2023 10:15	PJM provided 133 MW of NPCC Shared Reserves	NPCC
02.04.2023 08:58	02.04.2023 09:27	PJM provided 267 MW of NPCC Shared Reserves	NPCC
02.03.2023 08:54	02.03.2023 09:04	PJM provided 71 MW of NPCC Shared Reserves	NPCC
02.03.2023 05:38	02.03.2023 06:00	PJM provided 83 MW of NPCC Shared Reserves	NPCC

Synchronized Reserve (1 Event)

Effective Start Time	Effective End Time	Message	Region
02.02.2023 06:06	02.02.2023 06:14	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO

PCLLRW (2 Events)

Effective Start Time	Effective End Time	Message	Region
02.17.2023 06:11	02.17.2023 07:04	A Post Contingency Local Load Relief Warning has been issued to maintain LOCKHAVE 69 KV *G09 at 61.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PPL
02.04.2023 02:29	02.04.2023 03:39	A Post Contingency Local Load Relief Warning has been issued to maintain BOZMAN 69 KV *G07 at 65.0 KV in the DPL for Transmission Contingency Control. Additional Comments: Generation - slow response	DPL

Cold Weather Alert (1 Event)

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Effective Start Time	Effective End Time	Message	Region
02.03.2023 12:00	02.04.2023 18:00	A Cold Weather Alert has been issued from 12:00 on 02.03.2023 through 18:00 on 02.04.2023.	PJM-RTO

Cold Weather Advisory (1 Event)

Effective Start Time	Effective End Time	Message	Region
02.03.2023 00:00	02.04.2023 23:59	A Cold Weather Advisory has been issued from 00:00 on 02.03.2023 through 23:59 on 02.04.2023.	PJM-RTO

Conservative Operations (1 Event)

Effective Start Time	Effective End Time	Message	Region
02.03.2023 12:00	02.04.2023 18:00	A Conservative Operations event has been issued from 12:00 on 02.03.2023 through 18:00 on 02.04.2023 due to Cold Weather.	PJM-RTO

Geomagnetic Disturbance (3 Event)

Effective Start Time	Effective End Time	Message	Region
02.27.2023 14:25	02.27.2023 19:00	A Geomagnetic Disturbance Warning has been issued for 14:25 on 02.27.2023 through 19:00 on 02.27.2023. A GMD warning of K-7 or greater is in effect for this period.	PJM-RTO
02.27.2023 08:53	02.27.2023 13:00	A Geomagnetic Disturbance Warning has been issued for 08:53 on 02.27.2023 through 13:00 on 02.27.2023. A GMD warning of K-7 or greater is in effect for this period.	PJM-RTO
02.27.2023 02:50	02.27.2023 07:00	A Geomagnetic Disturbance Warning has been issued for 02:50 on 02.27.2023 through 07:00 on 02.27.2023. A GMD warning of K-7 or greater is in effect for this period.	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))

Non-Market PCLLRW (0 Event(s))

Local Min Generation Event (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))

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Primary Reserve Warning (0 Event(s))

Manual Load Dump Warning (0 Event(s))

Emergency Energy Request (0 Event(s))