

System Operations Subcommittee

PJM Operations Summary

January Operations

January Events:

- **1 Cold Weather Alert**
- **2 Synchronized Reserve Events**
- **4 Shared Reserve Events**
- **1 High System Voltage Action**
- **2 PCLLRW**
- **1 Minimum Generation Advisory**

CPS1: 147.73% **BAAL:** 99.88% **CPS2:** 90.75%

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 (2 Event)

01.31.2020 09:21	01.31.2020 10:19	A Post Contingency Local Load Relief Warning has been issued to maintain E_FAYET 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
01.22.2020 19:05	01.22.2020 19:20	A Post Contingency Local Load Relief Warning has been issued to maintain MORGANFK 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP

Cold Weather Alert (1 Event)

01.17.2020 09:44	01.21.2020 15:00	A Cold Weather Alert has been issued from 06:00 on 01.19.2020 through 15:00 on 01.21.2020 for the COMED Transmission Zone.	COMED
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Synchronized Reserves (2 Events)

01.20.2020 09:06	01.20.2020 09:14	100% Synchronized Reserve Event has been initiated for the MAD region.	DOM MIDATL
01.23.2020 11:17	01.23.2020 11:26	100% Synchronized Reserve Event has been initiated for the PJM RTO region.	PJM RTO

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Shared Reserves (4 Events)

01.31.2020 14:12	01.31.2020 14:25	PJM provided NPCC with 141 MW of Shared Reserves.	NPCC
01.23.2020 11:22	01.23.2020 11:45	PJM received 544 MW of NPCC Shared Reserves due to a loss of a unit.	NPCC
01.21.2020 12:49	01.21.2020 13:20	PJM provided NPCC with 130 MW of Shared Reserves.	NPCC
01.13.2020 03:03	01.13.2020 03:25	PJM provided NPCC with 217 MW of Shared Reserves.	NPCC

High System Voltage Action (1 Event)

01.12.2020 00:11	01.12.2020 09:10	PJM issued a High System Voltage Action for the PJM-RTO.	PJM-RTO
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Minimum Generation Advisory (1 Event)

01.10.2020 09:30	01.13.2020 05:00	A Minimum Generation Advisory has been issued for the valley periods 01.11.2020 through 01.13.2020 for the entire PJM RTO.	PJM-RTO
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Non-Market PCLLRW (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)

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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 Event)