

## System Operations Subcommittee

### PJM Operations Summary

#### October Operations

#### October Events:

**2 Synchronized Reserve Events**

**6 Shared Reserve Events**

**9 PCLLRW Events**

**2 Non-Market PCLLRW Events**

**4 High System Voltage Events**

**CPS1: 143.34% CPS2: 88.71% BAAL: 99.89%**

<sup>1</sup>PJM 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 (2 Event)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
10.16.2021 05:30	10.16.2021 05:38	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO
10.11.2021 13:23	10.11.2021 13:32	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO

#### Shared Reserve (6 Event)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
10.18.2021 10:32	10.18.2021 11:00	PJM provided 200 MW of NPCC Shared Reserves	NPCC
10.17.2021 23:26	10.17.2021 23:36	PJM provided 103 MW of NPCC Shared Reserves	NPCC
10.16.2021 15:14	10.16.2021 15:32	PJM provided 100 MW of NPCC Shared Reserves	NPCC
10.13.2021 09:10	10.13.2021 09:30	PJM provided 90 MW of NPCC Shared Reserves	NPCC
10.12.2021 01:42	10.12.2021 01:51	PJM provided 73 MW of NPCC Shared Reserves	NPCC
10.10.2021 02:52	10.10.2021 03:07	PJM provided 72 MW of NPCC Shared Reserves	NPCC

#### PCLLRW (8 Events)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
10.28.2021 13:13	10.28.2021 16:14	A Post Contingency Local Load Relief Warning has been issued to maintain JAY 138 KV BB_17671 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

## System Operations Subcommittee

### PJM Operations Summary

#### October Operations

10.19.2021 10:43	10.19.2021 12:46	A Post Contingency Local Load Relief Warning has been issued to maintain BERWICK-KOONSVIL at 61.0 MVA in the UGI for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PPL UGI
10.14.2021 14:18	10.16.2021 00:57	A Post Contingency Local Load Relief Warning has been issued to maintain CRANSTOP 138 KV at 127.7 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
10.13.2021 11:46	10.13.2021 23:02	A Post Contingency Local Load Relief Warning has been issued to maintain CRANSTOP 138 KV at 127.7 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
10.12.2021 12:01	10.12.2021 20:41	A Post Contingency Local Load Relief Warning has been issued to maintain CRANSTOP 138 KV at 127.7 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available Additional Comments: Load -No Generation or Switching available	EKPC
10.11.2021 12:03	10.11.2021 14:07	A Post Contingency Local Load Relief Warning has been issued to maintain IDYLWOO4-CLARK4 202A at 610.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
10.11.2021 09:37	10.11.2021 22:43	A Post Contingency Local Load Relief Warning has been issued to maintain CRANSTOP 138 KV at 127.7 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
10.05.2021 15:33	10.05.2021 16:15	A Post Contingency Local Load Relief Warning has been issued to maintain ACCA-HERMTAGE 88A2 at 190.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
10.04.2021 16:56	10.04.2021 19:52	A Post Contingency Local Load Relief Warning has been issued to maintain MTWOOD 138 KV at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP

#### **Non – Market PCLLRW (2 Events)**

Effective Start Time	Effective End Time	Message	Region
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**System Operations Subcommittee**

**PJM Operations Summary**

**October Operations**

10.11.2021 18:50	10.11.2021 22:43	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
10.11.2021 16:10	10.11.2021 16:54	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain ELIZABET-KARGLE TIE at 103.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC

**High System Voltage (4 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
10.30.2021 23:20	10.31.2021 17:00	A High System Voltage Action has been issued for the Western region of the PJM RTO.	WESTERN
10.22.2021 23:47	10.25.2021 06:02	A High System Voltage Action has been issued for the Western region of the PJM RTO.	WESTERN
10.22.2021 00:30	10.22.2021 08:53	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN
10.16.2021 23:07	10.18.2021 08:22	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN
10.02.2021 02:01	10.02.2021 09:20	A High System Voltage Action has been issued for the Western portion of the PJM RTO.	WESTERN

**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))**

**Local Min Generation Event (0 Event(s))**

**Hot Weather Alert (0 Event(s))**

**Cold Weather Alert (0 Event(s))**

**HLV Schedule Warning (0 Event(s))**

**HLV Schedule Action (0 Event(s))**

**Primary Reserve Warning (0 Event(s))**

**Manual Load Dump Warning (0 Event(s))**

**System Operations Subcommittee**

**PJM Operations Summary**

**October Operations**

**Emergency Energy Request (0 Event(s))**