

## System Operations Subcommittee

### PJM Operations Summary

#### October Operations

#### October Events:

18 PCLLRWs

7 High System Voltage Actions

2 Synchronous Reserve Event

1 Shared Reserve Event

**CPS1:144.29%      BAAL: 99.84%      CPS2:86.72%**

<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.

#### PCLLRW (18 Events)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
10/29/2020 06:34	11/07/2020 03:40	A Post Contingency Local Load Relief Warning has been issued to maintain WMILBURG 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
10/28/2020 09:36	10/28/2020 13:05	A Post Contingency Local Load Relief Warning has been issued to maintain LINVFT at 218.5 KV in the PSEG for Transmission Contingency Control.	PSEG
10/26/2020 11:36		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
10/26/2020 11:31	10/28/2020 11:41	A Post Contingency Local Load Relief Warning has been issued to maintain CANTONCE-CLOVEROE TIE at 210.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP FE-ATSI
10/26/2020 07:00	10/28/2020 19:58	A Post Contingency Local Load Relief Warning has been issued to maintain WMILBURG 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
10/25/2020 20:05	10/25/2020 22:19	A Post Contingency Local Load Relief Warning has been issued to maintain LINVFT 230 KV at 218.5 KV in the PSEG for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	PSEG
10/25/2020 18:32	10/25/2020 20:05	A Post Contingency Local Load Relief Warning has been issued to maintain LINVFT 230 KV at 218.5 KV in the PSEG for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PSEG
10/22/2020 07:20	10/23/2020 16:02	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.	EKPC

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		Additional Comments: Post Contingency Switching available	
10/21/2020 12:22	10/22/2020 00:56	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
10/20/2020 06:19	10/20/2020 07:08	A Post Contingency Local Load Relief Warning has been issued to maintain SMILLERS 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
10/12/2020 13:00	10/17/2020 14:33	A Post Contingency Local Load Relief Warning has been issued to maintain SMILLERS 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
10/12/2020 10:23	10/16/2020 06:50	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
10/7/2020 22:42	10/8/2020 06:00	A Post Contingency Local Load Relief Warning has been issued to maintain SEVILL 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI
10/7/2020 10:07	10/8/2020 16:38	A Post Contingency Local Load Relief Warning has been issued to maintain SMILLERS 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
10/6/2020 08:33	10/10/2020 08:49	A Post Contingency Local Load Relief Warning has been issued to maintain Haviland at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Distribution Capacitors are available in area.	AEP
10/6/2020 06:46	10/6/2020 07:34	A Post Contingency Local Load Relief Warning has been issued to maintain SEVILL 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-ATSI
10/5/2020 12:20	10/5/2020 12:45	A Post Contingency Local Load Relief Warning has been issued to maintain SEVILL 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Generation redispatch available	FE-ATSI
9/28/2020 07:49	10/2/2020 18:27	A Post Contingency Local Load Relief Warning has been issued to maintain TOPMOST 138 KV at 127.0 KV in the	AEP

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		AEP for Transmission Contingency Control. Additional Comments: Outage of Hazard-Wooten	
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#### High System Voltage Actions (7 Events)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
10/25/2020 00:35	10/25/2020 11:40	A High System Voltage Action has been issued; Target: Distribution Companies/Transmission Owners/Generation	WESTERN
10/24/2020 02:55	10/24/2020 09:10	A High System Voltage Action has been issued; Target: Distribution Companies/Transmission Owners/Generation	WESTERN
10/18/2020 02:12	10/18/2020 08:20	A High System Voltage Action has been issued; Target: Distribution Companies/Transmission Owners/Generation	PJM-RTO
10/11/2020 01:10	10/11/2020 01:11	A High System Voltage Action has been issued; Target: Distribution Companies/Transmission Owners/Generation	PJM-RTO
10/11/2020 01:10	10/11/2020 09:05	A High System Voltage Action has been issued; Target: Distribution Companies/Transmission Owners/Generation	PJM-RTO
10/3/2020 22:30	10/5/2020 04:30	A High System Voltage Action has been issued; Target: Distribution Companies/Transmission Owners/Generation	WESTERN
10/3/2020 00:40	10/3/2020 09:19	A High System Voltage Action has been issued Target: Distribution Companies/Transmission Owners/Generation	WESTERN

#### Synchronized Reserve Event (2 Events)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
10/12/2020 00:29	10/12/2020 00:38	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO
10/10/2020 14:52	10/10/2020 15:00	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO

#### Shared Reserve (1 Event)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
10/12/2020 00:35	10/12/2020 00:45	PJM received 580 MW of NPCC Shared Reserves	NPCC

#### 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))

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**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))**