

## System Operations Subcommittee

### PJM Operations Summary

#### May Operations

#### May Events:

- **1 Synchronized Reserve Event**
- **5 Shared Reserve Event**
- **6 PCLLRW**
- **14 High System Voltage Action**

**CPS1: 147.85%    BAAL: 99.89%<sup>1</sup>    CPS2: 89.11%**

<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.

#### High System Voltage Alerts (14 Events)

05.31.2020 00:21	05.31.2020 12:15	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.24.2020 01:21	05.24.2020 09:15	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.23.2020 02:00	05.23.2020 08:55	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.17.2020 01:50	05.17.2020 11:15	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.16.2020 00:15	05.16.2020 13:30	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.16.2020 00:15	05.16.2020 00:18	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.15.2020 02:45	05.15.2020 06:50	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.10.2020 01:45	05.11.2020 05:10	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.09.2020 00:50	05.09.2020 07:15	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.08.2020 01:35	05.08.2020 07:20	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN

**System Operations Subcommittee**

**PJM Operations Summary**

**May Operations**

05.07.2020 01:25	05.07.2020 06:30	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.06.2020 00:40	05.06.2020 06:25	PJM issued a High System Voltage Action for the Western portion of the PJM RTO in order to maintain actual voltages within high voltage limits.	WESTERN
05.04.2020 02:20	05.04.2020 07:15	PJM issued a High System Voltage Action for the entire PJM RTO in order to maintain actual voltages within high voltage limits.	PJM-RTO
05.03.2020 01:35	05.03.2020 13:04	PJM issued a High System Voltage Action for the entire PJM RTO in order to maintain actual voltages within high voltage limits.	PJM-RTO

**PCLLRW (6 Events)**

05.26.2020 17:52	05.28.2020 05:21	A Post Contingency Local Load Relief Warning has been issued to maintain NEWCARLI-PLETCHER NEW-PLE at 213.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
05.26.2020 12:05	05.29.2020 15:12	A Post Contingency Local Load Relief Warning has been issued to maintain DELAWAIM T CB at 124.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
05.26.2020 10:00	05.28.2020 05:21	A Post Contingency Local Load Relief Warning has been issued to maintain STORONT2 1 XFORMER at 60.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
05.25.2020 11:34	05.25.2020 22:49	A Post Contingency Local Load Relief Warning has been issued to maintain STORONT2 1 XFORMER at 60.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
05.24.2020 15:19	05.24.2020 22:04	A Post Contingency Local Load Relief Warning has been issued to maintain STORONT2 1 XFORMER at 60.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
05.03.2020 12:14	05.03.2020 17:00	A Post Contingency Local Load Relief Warning has been issued to maintain RANDOLPH 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

**Synchronized Reserves (1 Event)**

05.03.2020 08:23	05.03.2020 08:29	100% Synchronized Reserve Event has been initiated for the PJM RTO region.	PJM-RTO
---------------------	---------------------	--	---------

**System Operations Subcommittee**  
**PJM Operations Summary**  
**May Operations**

**Shared Reserves (5 Events)**

05.29.2020 20:27	05.29.2020 20:51	PJM provided 207 MW of NPCC Shared Reserves.	NPCC
05.29.2020 14:06	05.29.2020 14:17	PJM provided 217 MW of NPCC Shared Reserves.	NPCC
05.27.2020 14:51	05.27.2020 15:05	PJM provided 313 MW of NPCC Shared Reserves.	NPCC
05.08.2020 01:42	05.08.2020 01:55	PJM provided 125 MW of NPCC Shared Reserves.	NPCC
05.03.2020 17:28	05.03.2020 17:45	PJM provided 80 MW of NPCC Shared Reserves.	NPCC

**Hot Weather Alert (0 Events)**

**Max Emergency Gen Alert (0 Events)**

**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)**

**Cold Weather Alert (0 Event)**

**Primary Reserve Warning (0 Events)**

**Voltage Reduction Warning (0 Events)**

**Voltage Reduction (0 Events)**

**Emergency Energy Request (0 Events)**

**Max Emergency Generation (0 Events)**

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

**Min Gen Alert (0 Events)**

**Min Gen Declaration (0 Events)**