

**System Operations Subcommittee**

**PJM Operations Summary**

**October Operations**

**October Events:**

- **1 Hot Weather Alert**
- **3 High System Voltage Actions**
- **1 Maximum Emergency Generation Alert**
- **1 Spinning Event**
- **2 Pre-Emergency Load Management Reduction Actions**
- **17 PCLLRWs**

**CPS1: 142.03%    BAAL: 99.85%<sup>1</sup>    CPS2: 89.05%**

<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.

**Hot Weather Alert** (1 Event)

10.02.2019 07:00	10.02.2019 22:00	A Hot Weather Alert has been issued from 07:00 on 10.02.2019 through 22:00 on 10.02.2019.	PJM-RTO with the exceptions of COMED
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**High System Voltage Action** (3 Events)

10.19.2019 23:30	10.20.2019 10:45	A High System Voltage Action has been issued. Target: Distribution Companies/Transmission Owners/Generation	PJM-RTO
10.26.2019 00:10	10.26.2019 09:10	A High System Voltage Action has been issued. Target: Distribution Companies/Transmission Owners/Generation	PJM-RTO
10.27.2019 00:05	10.27.2019 09:22	A High System Voltage Action has been issued. Target: Distribution Companies/Transmission Owners/Generation	PJM-RTO

**Max Emergency Gen Alert** (1 Events)

10.02.2019 00:00	10.02.2019 22:00	A Maximum Generation Emergency/Load Management Alert and an EEA1 have been issued for 10.02.2019. Additional Comments: The RTO load estimate is 132,158 MWs. The Reserve Objective is 6,618 MWs. The Estimated Reserves are 5,945 MWs.	PJM-RTO
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**Spinning** (1 Events)

10.01.2019 14:56	10.01.2019 15:07	100% Synchronized Reserve Event has been initiated for the PJM_RTO region to recover from low ACE.	PJM-RTO
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**Pre-Emergency Load Management Reduction Action** (2 Events)

10.02.2019 14:00	10.02.2019 15:45	A Pre-Emergency Load Mgmt Reduction Action has been issued. Lead Time(s) dispatched: Long_120. Product(s) dispatched: Base DR	DOM
10.02.2019 14:00	10.02.2019 16:00	A Pre-Emergency Load Mgmt Reduction Action has been issued. Lead Time(s) dispatched: Long_120. Product(s) dispatched: Capacity Performance DR, Base DR	AEP, BGE, PEPCO

**PCLLRW** (13 Events)

10.29.2019 10:29	10.29.2019 14:48	A Post Contingency Local Load Relief Warning has been issued to maintain 11 FISK 38TR72 12 at 83.0 MVA in the COMED for Transmission Contingency Control. Additional Comments: Generation - slow response	COMED
10.29.2019 07:23		A Post Contingency Local Load Relief Warning has been issued to maintain ADAMSAEP 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
10.28.2019 16:44	10.28.2019 21:13	A Post Contingency Local Load Relief Warning has been issued to maintain H440 138 KV at 127.0 KV in the RMU for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
10.21.2019 21:18		A Post Contingency Local Load Relief Warning has been issued to maintain STERLING 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
10.19.2019 10:16	10.19.2019 14:31	A Post Contingency Local Load Relief Warning has been issued to maintain CROOKSVJ 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC
10.09.2019 11:40	10.09.2019 21:02	A Post Contingency Local Load Relief Warning has been issued to maintain 02DUNBAR 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI

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10.03.2019 16:08	10.03.2019 19:50	A Post Contingency Local Load Relief Warning has been issued to maintain CORRIDOR-MORSE at 338.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
10.03.2019 16:07	10.03.2019 19:50	A Post Contingency Local Load Relief Warning has been issued to maintain HYATTCS T7 XFORMER at 560.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
10.02.2019 16:35	10.02.2019 20:11	A Post Contingency Local Load Relief Warning has been issued to maintain CORRIDOR-MORSE at 338.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
10.02.2019 15:53	10.02.2019 21:40	A Post Contingency Local Load Relief Warning has been issued to maintain WEFOSTOR-02WOODVJ TIE at 185.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
10.02.2019 15:34	10.03.2019 19:50	A Post Contingency Local Load Relief Warning has been issued to maintain BROOKSDE-SAWMILL at 151.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
10.02.2019 15:03	10.02.2019 21:18	A Post Contingency Local Load Relief Warning has been issued to maintain HYATTCS T7 XFORMER at 560.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
10.01.2019 15:53	10.01.2019 20:53	A Post Contingency Local Load Relief Warning has been issued to maintain HELECHAW 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC

**Non-Market PCLRW (4 Events)**

10.09.2019 15:35	10.09.2019 16:33	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain DEERCREE 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
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10.03.2019 13:23	10.04.2019 03:06	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain CANALROA 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
10.03.2019 12:49	10.04.2019 03:06	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain EWOOSTER 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
10.03.2019 12:20	10.03.2019 12:50	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain EWOOSTER 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP

**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)

**Shared Reserves** (0 Events)