

System Operations Subcommittee

PJM Operations Summary

September Operations

In September there were:

- **2 Spinning Events**
- **1 Hot Weather Alert**
- **3 Shared Reserve Events**
 - **33 PCLLRWs**

CPS1: 143% BAAL: 99.89%¹ CPS2: 89.07%

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.

Spinning (2 Events)

09.23.2019 12:06	09.23.2019 12:18	Synchronous Reserves initiated in PJM RTO due to a loss of the Braidwood unit 1.	PJM-RTO
09.03.2019 09:39	09.03.2019 09:48	Synchronous Reserves initiated in Mid-Atlantic/Dominion reserve zone in order to cover NPCC Shared Reserve requirement.	MIDATL/DOM

Hot Weather Alert (1 Event)

09.12.2019 06:00	09.12.2019 21:00	A Hot Weather Alert has been issued from 06:00 on 09.12.2019 through 21:00 on 09.12.2019 for the entire PJM RTO.	PJM-RTO
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Shared Reserves (3 Events)

09.23.2019 12:10	09.23.2019 12:19	PJM received 625 MW of Shared Reserves from NPCC to help recover the ACE after loss of Braidwood unit 1.	PJM-RTO
09.21.2019 15:43	09.21.2019 15:55	PJM provided NPCC with 83 MW of Shared Reserves.	PJM-RTO
09.03.2019 09:40	09.03.2019 09:57	PJM provided NPCC with 183 MW of Shared Reserves.	PJM-RTO

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PCLLRW (22 Events)

09.30.2019 17:15	09.30.2019 20:51	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
09.28.2019 12:08	09.28.2019 16:35	A Post Contingency Local Load Relief Warning has been issued to maintain MARVENAE-MILL 0749 at 97.0 MVA in the AE for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AE
09.24.2019 13:41	09.24.2019 21:03	A Post Contingency Local Load Relief Warning has been issued to maintain THELMA 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
09.18.2019 05:56	09.18.2019 07:18	A Post Contingency Local Load Relief Warning has been issued to maintain HOLSTON 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.15.2019 10:41	09.15.2019 16:43	A Post Contingency Local Load Relief Warning has been issued to maintain POLEYARD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.13.2019 16:19	09.13.2019 20:32	A Post Contingency Local Load Relief Warning has been issued to maintain SMITHTON-YUKON SLJ-YU at 382.0 MVA in the FE(APS) for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	FE-AP
09.13.2019 15:21	09.13.2019 18:31	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
09.12.2019 16:20	09.12.2019 19:35	A Post Contingency Local Load Relief Warning has been issued to maintain FOSTORIA . 1 XFORMER at 349.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP

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09.12.2019 14:05	09.12.2019 19:39	A Post Contingency Local Load Relief Warning has been issued to maintain POLEYARD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.12.2019 13:38	09.12.2019 19:39	A Post Contingency Local Load Relief Warning has been issued to maintain STURGIS 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.12.2019 13:24	09.12.2019 19:38	A Post Contingency Local Load Relief Warning has been issued to maintain CAPITALA 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.12.2019 09:36	09.12.2019 12:15	A Post Contingency Local Load Relief Warning has been issued to maintain STURGIS 69 KV at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.11.2019 16:02	09.11.2019 21:13	A Post Contingency Local Load Relief Warning has been issued to maintain SCANTON2-WCANTON SCA-WCA at 262.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.11.2019 14:54	09.11.2019 18:32	A Post Contingency Local Load Relief Warning has been issued to maintain 02LORAIN-ADMIRAL 1 at 319.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Generation - slow response	FE-ATSI
09.11.2019 13:51	09.11.2019 21:13	A Post Contingency Local Load Relief Warning has been issued to maintain AUBURN5 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.11.2019 13:05	09.11.2019 21:13	A Post Contingency Local Load Relief Warning has been issued to maintain CAPITALA-TWINBRAN CAP-TWI at 289.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP

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09.11.2019 12:39	09.11.2019 21:13	A Post Contingency Local Load Relief Warning has been issued to maintain HAVILAND J CB at 138.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.11.2019 12:30	09.11.2019 21:13	A Post Contingency Local Load Relief Warning has been issued to maintain CAPITALA 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
09.10.2019 14:54	09.10.2019 17:08	A Post Contingency Local Load Relief Warning has been issued to maintain RUSSELCO 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
09.10.2019 14:44	09.10.2019 14:50	A Post Contingency Local Load Relief Warning has been issued to maintain SENECAOE 138 KV at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	FE-ATSI
09.10.2019 12:52	09.10.2019 17:22	A Post Contingency Local Load Relief Warning has been issued to maintain QUINWOOD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
09.09.2019 11:09	09.09.2019 13:07	A Post Contingency Local Load Relief Warning has been issued to maintain SEWELLTN 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 (11 Events)

09.23.2019 16:13	09.23.2019 21:21	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
09.20.2019 12:09	09.21.2019 18:12	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain HAYSBRCH 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP

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09.18.2019 18:58	09.18.2019 21:26	A Non-Market Post Contingency Local Load Relief Warn 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
09.16.2019 15:23		A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain STERLING 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
09.16.2019 13:05	09.23.2019 22:20	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain ESIDELIM 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
09.16.2019 09:37	09.16.2019 10:01	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain ORDNANCE 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
09.12.2019 13:59	09.13.2019 02:09	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SELWOOD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
09.11.2019 19:46	09.12.2019 03:17	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SELWOOD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
09.10.2019 18:17	09.11.2019 01:52	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SELWOOD 138 KV at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
09.10.2019 14:54	09.10.2019 17:08	A Post Contingency Local Load Relief Warning has been issued to maintain RUSSELCO 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
09.10.2019 14:47	09.10.2019 15:44	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain KRENDALE 138 KV at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	FE-AP

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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 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)

High System Voltage Alerts (0 Events)