

**System Operations Subcommittee**

**PJM Operations Summary**

**August 2024 Operations**

**August Events:**

**7 Shared Reserve Events**

**16 PCLLRW Events**

**1 Maximum Generation Emergency/Load Management Alert Event**

**6 Hot Weather Alert Events**

**4 Synchronized Reserve Events**

**5 Geomagnetic Disturbance Warning**

**2 Special Notice Events [Voltage Reduction Action Tests]**

**CPS1: XXX.XX% CPS2: XX.XX% BAAL: XX.XX%**

<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.

**Shared Reserve (7 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.28.2024 10:25	08.28.2024 10:45	PJM provided 71 MW of NPCC Shared Reserves	NPCC
08.24.2024 17:04	08.24.2024 17:15	PJM provided 92 MW of NPCC Shared Reserves	NPCC
08.08.2024 18:05	08.08.2024 18:35	PJM provided 142 MW of NPCC Shared Reserves	NPCC
08.05.2024 19:28	08.05.2024 19:45	PJM provided 72 MW of NPCC Shared Reserves	NPCC
08.05.2024 15:18	08.05.2024 15:38	PJM provided 71 MW of NPCC Shared Reserves	NPCC
08.05.2024 08:08	08.05.2024 08:28	PJM provided 71 MW of NPCC Shared Reserves	NPCC
08.01.2024 16:47	08.01.2024 17:05	PJM provided 67 MW of NPCC Shared Reserves	NPCC

**PCLLRW (16 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.28.2024 16:43	08.29.2024 11:09	A Post Contingency Local Load Relief Warning has been issued to maintain FIFTHAVE-HESS at 207.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.28.2024 16:22	08.29.2024 11:10	A Post Contingency Local Load Relief Warning has been issued to maintain LOCKBOUR 138 KV *E11 at 127.0 KV in the AEP for Transmission Contingency Control.	AEP

**System Operations Subcommittee**

**PJM Operations Summary**

**August 2024 Operations**

		Additional Comments: Load -No Generation or Switching available	
08.27.2024 18:33	08.27.2024 21:31	A Post Contingency Local Load Relief Warning has been issued to maintain SBALTIMO-WMILLERS at 167.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.27.2024 17:51	08.27.2024 20:54	A Post Contingency Local Load Relief Warning has been issued to maintain NEWCARLI-NEWCARNI NEW-NWN2 at 167.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.27.2024 17:41	08.29.2024 22:28	A Post Contingency Local Load Relief Warning has been issued to maintain OPEQUON 138 KV 138-B at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP
08.26.2024 19:44	08.26.2024 20:30	A Post Contingency Local Load Relief Warning has been issued to maintain MALISZEW 1 XFORMER at 813.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Generation - slow response	AEP
08.26.2024 19:31	08.26.2024 20:30	A Post Contingency Local Load Relief Warning has been issued to maintain MILLBROO-NPORTSMO at 185.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Generation - slow response	AEP
08.26.2024 14:40	08.27.2024 08:07	A Post Contingency Local Load Relief Warning has been issued to maintain NVALDO XFMRT1 XFORMER at 41.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.18.2024 11:17	08.18.2024 11:24	A Post Contingency Local Load Relief Warning has been issued to maintain OPEQUON 138 KV 138-B at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP
08.03.2024 21:04	08.04.2024 19:25	A Post Contingency Local Load Relief Warning has been issued to maintain CORSON-COURT 0720-1 at 119.0 MVA in the AE for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AECO
08.03.2024 20:44	08.04.2024 19:25	A Post Contingency Local Load Relief Warning has been issued to maintain CORSON-COURT 0720-1 at 116.0 MVA in the AE for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AECO

**System Operations Subcommittee**

**PJM Operations Summary**

**August 2024 Operations**

08.02.2024 16:11	08.02.2024 18:39	A Post Contingency Local Load Relief Warning has been issued to maintain SOWEGODP-INDEPHIL 183C at 184.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.02.2024 14:59	08.02.2024 18:39	A Post Contingency Local Load Relief Warning has been issued to maintain GOOSECRE TX1 XFORMER at 975.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.01.2024 13:30	08.02.2024 00:37	A Post Contingency Local Load Relief Warning has been issued to maintain FAIRTON 69 KV *I02 at 65.0 KV in the AE for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AECO
07.31.2024 17:39	08.01.2024 02:21	A Post Contingency Local Load Relief Warning has been issued to maintain HEATH-WMILLERS at 205.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
07.16.2024 17:57	08.07.2024 03:15	A Post Contingency Local Load Relief Warning has been issued to maintain OPEQUON 138 KV 138-B at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP

**Maximum Generation Emergency/Load Management Alert (1 Event)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.27.2024 07:00	08.27.2024 19:30	A Maximum Generation Emergency/Load Management Alert and an EEA1 have been issued from 07:00 on 08.27.2024 through 19:30 on 08.27.2024 . Maximum Generation Emergency has been called into the operating capacity. Per M-13, Generation Dispatchers should provide PJM with an estimate of the amount of time they need to return to service any generator on a Planned Outage. This 'Early Return Time' should be updated via eDART, and will not affect the Planned Outage estimated end date. Additional Comments: PJM is declaring a Maximum Generation Emergency/Load Management Alert due to a high load forecast and increased exports. PJM will curtail exports if needed to maintain reserves.	RTO

**System Operations Subcommittee**

**PJM Operations Summary**

**August 2024 Operations**

**Hot Weather Alert (6 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.28.2024 07:00	08.28.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 08.28.2024 through 23:00 on 08.28.2024 Per M-13, members are expected to perform:  TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	RTO
08.27.2024 07:00	08.27.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 08.27.2024 through 23:00 on 08.27.2024 Per M-13, members are expected to perform:  TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	RTO
08.26.2024 07:00	08.26.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 08.26.2024 through 23:00 on 08.26.2024 Per M-13, members are expected to perform:  TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	WESTERN
08.05.2024 07:00	08.05.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 08.05.2024 through 23:00 on 08.05.2024 Per M-13, members are expected to perform:  TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	MIDATL, SOUTHERN
08.02.2024 07:00	08.02.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 08.02.2024 through 23:00 on 08.02.2024 Per M-13, members are expected to perform:  TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	MIDATL, SOUTHERN

**System Operations Subcommittee**

**PJM Operations Summary**

**August 2024 Operations**

07.31.2024 07:00	08.01.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 07.31.2024 through 23:00 on 08.01.2024 Per M-13, members are expected to perform:  TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	MIDATL, SOUTHERN
08.28.2024 07:00	08.28.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 08.28.2024 through 23:00 on 08.28.2024 Per M-13, members are expected to perform:  TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled.	RTO

**Synchronized Reserve (4 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.26.2024 13:53	08.26.2024 13:57	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
08.18.2024 16:04	08.18.2024 16:20	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
08.12.2024 17:10	08.12.2024 17:20	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
08.12.2024 17:10	08.12.2024 17:10	100% Synchronized Reserve Event has been initiated for the MAD region.	MIDATL, DOM

**Geomagnetic Disturbance Warning (5 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.17.2024 13:45	08.17.2024 17:00	A Geomagnetic Disturbance Warning has been issued for 13:45 on 08.17.2024 through 17:00 on 08.17.2024 . A GMD warning of K7 or greater is in effect for this period.	RTO
08.12.2024 14:52	08.12.2024 20:00	A Geomagnetic Disturbance Warning has been issued for 14:52 on 08.12.2024 through 20:00 on 08.12.2024 . A GMD warning of K-7 or greater is in effect for this period.	RTO
08.12.2024 05:00	08.12.2024 14:00	A Geomagnetic Disturbance Warning has been issued for 05:00 on 08.12.2024 through 14:00 on 08.12.2024 . A GMD warning of K-7 or greater is in effect for this period.	RTO

**System Operations Subcommittee**

**PJM Operations Summary**

**August 2024 Operations**

08.12.2024 01:05	08.12.2024 05:00	A Geomagnetic Disturbance Warning has been issued for 01:05 on 08.12.2024 through 05:00 on 08.12.2024 . A GMD warning of K-7 or greater is in effect for this period.	RTO
08.04.2024 10:45	08.04.2024 16:02	A Geomagnetic Disturbance Warning has been issued for 10:45 on 08.04.2024 through 16:02 on 08.04.2024 . A GMD warning of K-7 or greater is in effect for this period.	RTO

**Special Notice (2 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.15.2024 13:45	08.15.2024 14:30	A Special Notice : Western and Southern Region Voltage Reduction Action test Additional Comments: At 14:00 EPT PJM will be performing a Western and Southern Region 5% Voltage Reduction Action test, no actual transmission or capacity event triggers exist on the system. The test is scheduled to end at 14:30 EPT.	WESTERN, SOUTHERN
08.14.2024 13:45	08.14.2024 14:30	A Special Notice : Mid-Atlantic Region Voltage Reduction Action Test Additional Comments: At 14:00 EPT PJM will be performing a Mid-Atlantic Region 5% Voltage Reduction Action test, no actual transmission or capacity event triggers exist on the system. The test is scheduled to end at 14:30 EPT.	MIDATL

**System Operations Subcommittee**

**PJM Operations Summary**

**August 2024 Operations**

**Maintenance Outage Recall (0 Event(s))**  
**Non-Market PCLLRW (0 Event(s))**  
**High System Voltage (0 Event(s))**  
**Geomagnetic Disturbance Warning (0 Event(s))**  
**Geomagnetic Disturbance Action (0 Event(s))**  
**Non-Market PCLLRW (0 Event(s))**  
**Conservative Operations (0 Event(s))**  
**Cold Weather Alert (0 Event(s))**  
**Cold Weather Advisory (0 Event(s))**  
**TLR (0 Event(s))**  
**Unit Startup Notification Alert (0 Event(s))**  
**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))**  
**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))**  
**Emergency Energy Request (0 Event(s))**