

## System Operations Subcommittee

### PJM Operations Summary

#### August 2025 Operations

##### August Events:

**3 Synchronized Reserve Events**

**1 Maintenance Outage Recall Event**

**2 Hot Weather Alert Events**

**1 Emergency Load Mgmt Reduction Action Event**

**3 Pre-Emergency Load Mgmt Reduction Action Events**

**1 Load Shed Directive Event**

**1 Special Notice Event**

**1 Voltage Reduction Action Event**

**3 Non-Market PCLLRW Events**

**22 PCLLRW Events**

**As of August 28, 2025 at 23:59**

**CPS1: 130.58% CPS2: 81.65% BAAL: 99.78%**

<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 (1 Event)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.05.2025 06:29	08.05.2025 06:45	PJM provided 67 MW of NPCC Shared Reserves	NPCC

##### Synchronized Reserve (3 Events)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.15.2025 15:33	08.15.2025 15:38	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
08.14.2025 17:40	08.14.2025 17:45	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
08.06.2025 18:49	08.06.2025 18:57	100% Synchronized Reserve Event has been initiated for the MAD region.	DOM, MIDATL

##### Maintenance Outage Recall (1 Event)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.06.2025 09:00	08.18.2025 08:00	A Maintenance Outage Recall Informational message has been issued. PJM is recalling all active generator maintenance outage tickets within the identified Regions. Member companies have 72 hours to end maintenance outages or the outages will become forced outages.  Additional Comments: As of 09:00 on Wednesday August 6, 2025 PJM is requesting all Maintenance Outages be returned to service no later than 00:01 on Monday August 18, 2025.	RTO

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##### **Hot Weather Alert (2 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.17.2025 07:00	08.17.2025 23:00	<p>A Hot Weather Alert has been issued from 07:00 on 08.17.2025 through 23:00 on 08.17.2025 Per M-13, members are expected to perform:</p> <p>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.</p> <p>GEN DISPATCHERS:</p> <ul style="list-style-type: none"><li>-Review &amp; update unit parameters in Markets Gateway (MG) through the Hot Weather Alert period paying particular attention to accurate Start-up &amp; Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max info.</li><li>-Submit alternate fuel capability &amp; resource limitations via MG.</li><li>-Review fuel supply/delivery schedules in anticipation of greater than normal operation of units.</li><li>-Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated in eDART &amp; will not affect the Planned Outage est. end date.</li><li>-Dual fuel units, confirm the equipment is functional &amp; amount of alternate fuel available.</li><li>-Update PLS schedule parameters as indicated in Manual 11 Section 2.3.4.</li></ul>	RTO
08.12.2025 00:01	08.12.2025 23:59	<p>A Hot Weather Alert has been issued from 00:01 on 08.12.2025 through 23:59 on 08.12.2025 Per M-13, members are expected to perform:</p> <p>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.</p> <p>GEN DISPATCHERS:</p>	MIDATL

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		<ul style="list-style-type: none"><li>-Review &amp; update unit parameters in Markets Gateway (MG) through the Hot Weather Alert period paying particular attention to accurate Start-up &amp; Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max info.</li><li>-Submit alternate fuel capability &amp; resource limitations via MG.</li><li>-Review fuel supply/delivery schedules in anticipation of greater than normal operation of units.</li><li>-Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated in eDART &amp; will not affect the Planned Outage est. end date.</li><li>-Dual fuel units, confirm the equipment is functional &amp; amount of alternate fuel available.</li><li>-Update PLS schedule parameters as indicated in Manual 11 Section 2.3.4.</li></ul>	
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#### **Emergency Load Mgmt Reduction Action (1 Event)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.11.2025 14:45	08.11.2025 17:15	An Emergency Load Mgmt Reduction Action and a NERC level EEA2 have been issued. Load reduction start times can be found by clicking on the hyperlink(s) in the Regions column. Load reductions should continue until released by PJM. Reductions are mandatory based on product requirements. CSPs should review DR Hub for specific registration details. Lead Time(s) dispatched: Short_60,Quick_30 . Product(s) dispatched: Capacity Performance DR	BGE

#### **Pre-Emergency Load Mgmt Reduction Action Events (3 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.11.2025 10:45	08.11.2025 20:00	A Pre-Emergency Load Mgmt Reduction Action has been issued. Load reduction start times can be found by clicking on the hyperlink(s) in the Regions column. Load reductions should continue until released by PJM. Reductions are mandatory based on product requirements. CSPs should review DR Hub for specific registration details. Lead Time(s) dispatched: Long_120 . Product(s) dispatched: Capacity Performance DR	BGE
08.11.2025 10:00	08.11.2025 20:00	A Pre-Emergency Load Mgmt Reduction Action has been issued. Load reduction start times can be found by clicking on the hyperlink(s) in the Regions column. Load reductions should continue until released by PJM. Reductions are mandatory based	BGE

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		on product requirements. CSPs should review DR Hub for specific registration details. Lead Time(s) dispatched: Quick_30 . Product(s) dispatched: Capacity Performance DR	
08.11.2025 10:00	08.11.2025 20:00	A Pre-Emergency Load Mgmt Reduction Action has been issued. Load reduction start times can be found by clicking on the hyperlink(s) in the Regions column. Load reductions should continue until released by PJM. Reductions are mandatory based on product requirements. CSPs should review DR Hub for specific registration details. Lead Time(s) dispatched: Short_60 . Product(s) dispatched: Capacity Performance DR	BGE

#### **Load Shed Directive (1 Event)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.11.2025 15:52	08.11.2025 16:20	A Load Shed Directive has been issued to mitigate an N-5 cascade analysis at 115kv Chestnut -Fredrick Rd 110-528-A in BGE . Additional Comments: Load shed directive to maintain post contingency flow below 115% of load dump rating.	BGE

#### **Special Notice (1 Event)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.14.2025 13:45	08.14.2025 14:30	A Special Notice : At 14:00 EPT PJM will be performing a RTO Wide 5% Voltage Reduction Test, no actual Emergency Procedures exist. The test is scheduled to end at 14:30 EPT.	RTO

#### **Voltage Reduction Action (1 Event)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.11.2025 15:00	08.11.2025 17:09	A Voltage Reduction Action of 5 % and a NERC level EEA2 have been issued for BGE . NOTE: Curtailment of Non-Essential Building Load should be issued prior to, but no later than the same time as a Voltage Reduction.	BGE

#### **Non-Market PCLLRW (3 Events)**

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.19.2025 17:05	08.19.2025 22:25	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain CLAYVILL 69 KV ND_184 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC

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08.09.2025 14:04	08.15.2025 01:20	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BTTYVEKP 69 KV *G04 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
08.08.2025 15:42	08.09.2025 06:27	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BTTYVEKP 69 KV *G04 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	EKPC

#### PCLLRW (22 Events)

<b>Effective Start Time</b>	<b>Effective End Time</b>	<b>Message</b>	<b>Region</b>
08.27.2025 13:11	08.27.2025 22:59	A Post Contingency Local Load Relief Warning has been issued to maintain NNEWARK 138 KV BB_7250 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.19.2025 19:26	08.20.2025 03:26	A Post Contingency Local Load Relief Warning has been issued to maintain MALISZEW-HYATTCS MAL-HYA1 at 223.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.19.2025 15:14	08.23.2025 01:51	A Post Contingency Local Load Relief Warning has been issued to maintain LEONKP 69 KV BB_2567 at 63.5 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.19.2025 13:05	08.21.2025 16:50	A Post Contingency Local Load Relief Warning has been issued to maintain LEON_EKP 69 KV ND_181 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
08.18.2025 19:15	08.18.2025 22:41	A Post Contingency Local Load Relief Warning has been issued to maintain 15518 -132 GARD 15518 2 at 187.0 MVA in the COMED for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	COMED
08.18.2025 13:14	08.18.2025 22:45	A Post Contingency Local Load Relief Warning has been issued to maintain LEON_EKP 69 KV ND_181 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
08.17.2025 15:13	08.18.2025 08:36	A Post Contingency Local Load Relief Warning has been issued to maintain GAINESVL-RAILRDDP 2151A1 at 1058.0 MVA in the	DOM

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		DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	
08.17.2025 15:11	08.18.2025 08:36	A Post Contingency Local Load Relief Warning has been issued to maintain DAWKINSB-VINTHILL 2163B at 1058.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.15.2025 15:30	08.18.2025 06:07	A Post Contingency Local Load Relief Warning has been issued to maintain LEON_EKP 69 KV ND_181 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
08.15.2025 13:20	08.16.2025 00:09	A Post Contingency Local Load Relief Warning has been issued to maintain GAINESVL-RAILRDDP 2151A1 at 1058.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.15.2025 13:20	08.16.2025 00:09	A Post Contingency Local Load Relief Warning has been issued to maintain DAWKINSB-VINTHILL 2163B at 1058.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.14.2025 13:21	08.15.2025 01:17	A Post Contingency Local Load Relief Warning has been issued to maintain GAINESVL-RAILRDDP 2151A1 at 1058.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.14.2025 13:20	08.15.2025 01:17	A Post Contingency Local Load Relief Warning has been issued to maintain DAWKINSB-VINTHILL 2163B at 1058.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.12.2025 15:38	08.12.2025 16:44	A Post Contingency Local Load Relief Warning has been issued to maintain SUNION 138 KV *E03 at 127.0 KV in the FE(APS) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-AP
08.12.2025 14:45	08.12.2025 21:14	A Post Contingency Local Load Relief Warning has been issued to maintain GAINESVL-RAILRDDP 2151A1 at 1058.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
08.12.2025 14:44	08.12.2025 21:15	A Post Contingency Local Load Relief Warning has been issued to maintain DAWKINSB-VINTHILL 2163B at 1058.0 MVA in the DOM	DOM

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		for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	
08.11.2025 15:49	08.15.2025 01:19	A Post Contingency Local Load Relief Warning has been issued to maintain LEON_EKP 69 KV ND_181 at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC
08.11.2025 12:33	08.11.2025 16:21	A Post Contingency Local Load Relief Warning has been issued to maintain CHESTNUT-FRED 110528-A at 195.0 MVA in the BC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	BGE
08.07.2025 15:46	08.07.2025 19:25	A Post Contingency Local Load Relief Warning has been issued to maintain 12 DRESDEN 45TR83 CT at 480.0 MVA in the COMED for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	COMED
08.05.2025 15:22	08.05.2025 19:35	A Post Contingency Local Load Relief Warning has been issued to maintain CLINTOCS-L48 at 146.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.05.2025 15:14	08.05.2025 19:35	A Post Contingency Local Load Relief Warning has been issued to maintain HESS-VINE at 237.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
08.05.2025 12:29	08.19.2025 07:51	A Post Contingency Local Load Relief Warning has been issued to maintain SAUKTR 138 KV *E05 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP