

System Operations Subcommittee

PJM Operations Summary

June 2024 Operations

June Events:

3 Shared Reserve Events

10 PCLLRW Events

7 Hot Weather Alert Events

2 Synchronized Reserve Events

1 Geomagnetic Disturbance Warning Event

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

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.

Shared Reserve (3 Events)

Effective Start Time	Effective End Time	Message	Region
06.18.2024 22:07	06.18.2024 22:22	PJM provided 139 MW of NPCC Shared Reserves	NPCC
06.18.2024 17:25	06.18.2024 17:40	PJM provided 77 MW of NPCC Shared Reserves	NPCC
06.03.2024 18:56	06.03.2024 19:35	PJM received 65 MW of NPCC Shared Reserves	NPCC

PCLLRW (10 Events)

Effective Start Time	Effective End Time	Message	Region
06.29.2024 19:05	06.29.2024 22:45	A Post Contingency Local Load Relief Warning has been issued to maintain PRESTON-TANYARD 6716-5 at 93.0 MVA in the DPL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DPL
06.27.2024 19:40	06.27.2024 21:20	A Post Contingency Local Load Relief Warning has been issued to maintain PRESTON-TANYARD 6716-5 at 93.0 MVA in the DPL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DPL
06.24.2024 09:19	06.24.2024 09:25	A Post Contingency Local Load Relief Warning has been issued to maintain MOTTVILL 138 KV BB_199 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
06.20.2024 15:04	06.20.2024 17:02	A Post Contingency Local Load Relief Warning has been issued to maintain EAKRON-HAYELMRZ EAK-HAY at 229.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI

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06.19.2024 16:52	06.20.2024 17:04	A Post Contingency Local Load Relief Warning has been issued to maintain SBUFFALO 138 KV *E01 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
06.19.2024 14:43	06.19.2024 14:49	A Post Contingency Local Load Relief Warning has been issued to maintain REFORM -NNEWARK NNE-REF at 240.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Generation - slow response	AEP
06.19.2024 13:57	06.19.2024 15:28	A Post Contingency Local Load Relief Warning has been issued to maintain LENOX-NMESHOPP NML 1090 at 148.0 MVA in the FE(PN) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-PN
06.18.2024 14:19	06.18.2024 14:31	A Post Contingency Local Load Relief Warning has been issued to maintain NDELPHOS-SDELPHOS NDE-SDE at 54.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
06.17.2024 15:13	06.28.2024 15:46	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
06.17.2024 06:13	06.17.2024 06:18	A Post Contingency Local Load Relief Warning has been issued to maintain MOTTVILL 138 KV BB_199 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP

Hot Weather Alert (7 Events)

Effective Start Time	Effective End Time	Message	Region
06.26.2024 07:00	06.26.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 06.26.2024 through 23:00 on 06.26.2024 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.	MIDATL, SOUTHERN
06.25.2024 07:00	06.25.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 06.25.2024 through 23:00 on 06.25.2024 Per M-13, members are expected to perform: TRANSMISSION/GEN DISPATCH review plans to determine if any maintenance/testing, scheduled/being performed, on any	RTO

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		monitoring, control, transmission/generating equipment can be deferred/canceled.	
06.24.2024 07:00	06.24.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 06.24.2024 through 23:00 on 06.24.2024 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.	SOUTHERN, MIDATL
06.17.2024 07:00	06.23.2024 22:56	A Hot Weather Alert has been issued from 07:00 on 06.17.2024 through 22:56 on 06.23.2024 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
06.16.2024 07:00	06.16.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 06.16.2024 through 23:00 on 06.16.2024 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
06.14.2024 07:00	06.14.2024 23:03	A Hot Weather Alert has been issued from 07:00 on 06.14.2024 through 23:03 on 06.14.2024 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
06.13.2024 07:00	06.13.2024 23:00	A Hot Weather Alert has been issued from 07:00 on 06.13.2024 through 23:00 on 06.13.2024 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

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Synchronized Reserve (2 Events)

Effective Start Time	Effective End Time	Message	Region
06.29.2024 21:03	06.29.2024 21:09	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO
06.03.2024 18:53	06.03.2024 19:02	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	RTO

Geomagnetic Disturbance Warning (2 Events)

Effective Start Time	Effective End Time	Message	Region
06.28.2024 09:25	06.28.2024 17:00	A Geomagnetic Disturbance Warning has been issued for 09:25 on 06.28.2024 through 17:00 on 06.28.2024 . A GMD warning of K7 or greater is in effect for this period.	RTO

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Non-Market PCLLRW Events (0 Event(s))
High System Voltage (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))
Maximum Generation Emergency/Load Management Alert (0 Event(s))
Maintenance Outage Recall (0 Events)
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))