

System Operations Subcommittee

PJM Operations Summary

January 2022 Operations

January Events:

- 1 Synchronized Reserve Events**
- 7 Shared Reserve Events**
- 1 Conservative Operations Event**
- 7 Cold Weather Alert Events**
- 43 PCLLRW Events**
- 1 Non-Market PCLLRW Events**

CPS1: 134.64% CPS2: 85.22% BAAL: 99.87%

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.

Synchronized Reserve (1 Event)

Effective Start Time	Effective End Time	Message	Region
01.03.2022 12:27	01.03.2022 12:36	100% Synchronized Reserve Event has been initiated for the PJM_RTO region.	PJM-RTO

Shared Reserve (7 Event)

Effective Start Time	Effective End Time	Message	Region
01.31.2022 04:35	01.31.2022 04:55	PJM provided 76 MW of NPCC Shared Reserves	NPCC
01.27.2022 06:22	01.27.2022 06:32	PJM provided 95 MW of NPCC Shared Reserves	NPCC
01.19.2022 00:30	01.19.2022 00:45	PJM provided 128 MW of NPCC Shared Reserves	NPCC
01.16.2022 04:40	01.16.2022 05:10	PJM provided 163 MW of NPCC Shared Reserves	NPCC
01.11.2022 13:42	01.11.2022 13:52	PJM provided 75 MW of NPCC Shared Reserves	NPCC
01.11.2022 12:30	01.11.2022 13:42	PJM provided 92 MW of NPCC Shared Reserves	NPCC
01.02.2022 17:00	01.02.2022 17:25	PJM provided 75 MW of NPCC Shared Reserves	NPCC

Conservative Operations (1 Event)

Effective Start Time	Effective End Time	Message	Region
01.28.2022 06:30	01.29.2022 23:59	A Conservative Operations event has been issued from 00:00 on 01.29.2022 through 23:59 on 01.29.2022 due to Nor'Easter/Blizzard	MIDATL SOUTHERN

Cold Weather Alert (7 Event)

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Effective Start Time	Effective End Time	Message	Region
01.28.2022 06:30	01.29.2022 23:59	A Cold Weather Alert has been issued from 06:00 on 01.29.2022 through 23:59 on 01.29.2022.	WESTERN
01.26.2022 06:30	01.27.2022 10:00	A Cold Weather Alert has been issued from 00:00 on 01.27.2022 through 10:00 on 01.27.2022	WESTERN
01.25.2022 07:15	01.26.2022 23:59	A Cold Weather Alert has been issued from 00:01 on 01.26.2022 through 23:59 on 01.26.2022	WESTERN
01.24.2022 06:20	01.25.2022 23:59	A Cold Weather Alert has been issued from 00:01 on 01.25.2022 through 23:59 on 01.25.2022	COMED
01.19.2022 09:00	01.21.2022 23:59	A Cold Weather Alert has been issued from 00:01 on 01.21.2022 through 23:59 on 01.21.2022	PJM-RTO
01.10.2022 06:30	01.11.2022 22:00	A Cold Weather Alert has been issued from 06:00 on 01.11.2022 through 22:00 on 01.11.2022	WESTERN
01.06.2022 07:00	01.07.2022 23:59	A Cold Weather Alert has been issued from 00:01 on 01.07.2022 through 23:59 on 01.07.2022	COMED

PCLLRW (43 Events)

Effective Start Time	Effective End Time	Message	Region
01.28.2022 16:44	01.29.2022 08:30	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 185.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
01.28.2022 16:30	01.28.2022 16:45	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 185.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
01.28.2022 06:19	01.28.2022 08:12	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
01.27.2022 17:31	01.27.2022 18:05	A Post Contingency Local Load Relief Warning has been issued to maintain BLOOMING 230 KV BLGRD01 at 211.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	PPL
01.27.2022 05:54	01.27.2022 10:45	A Post Contingency Local Load Relief Warning has been issued to maintain SCOTTSVI 138 KV BB_6555 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
01.26.2022 18:56	01.27.2022 03:24	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM

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01.26.2022 06:23	01.26.2022 08:44	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
01.26.2022 04:44	01.26.2022 17:07	A Post Contingency Local Load Relief Warning has been issued to maintain ROYERTON 138 KV BB_18317 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	AEP
01.25.2022 07:47	01.25.2022 23:53	A Post Contingency Local Load Relief Warning has been issued to maintain LENOX-NMESHOPP NML 1090 at 189.0 MVA in the FE(PN) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	FE-PN
01.24.2022 20:37	01.24.2022 23:52	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 191.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.24.2022 08:10	01.31.2022 11:10	A Post Contingency Local Load Relief Warning has been issued to maintain MILLIRON 138 KV *E02 at 127 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Place in service post contingency a 69 KV cap @Crestline	FE-ATSI
01.23.2022 18:13	01.24.2022 06:18	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 185.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.22.2022 07:05	01.24.2022 18:09	A Post Contingency Local Load Relief Warning has been issued to maintain SCOTTSVI 138 KV BB_6555 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
01.21.2022 15:10	01.24.2022 18:09	A Post Contingency Local Load Relief Warning has been issued to maintain GREENBRI 138 KV BB_3885 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
01.21.2022 11:12	01.21.2022 13:23	A Post Contingency Local Load Relief Warning has been issued to maintain SALTVILL-TAZEWELL at 375.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
01.21.2022 11:06	01.21.2022 11:13	A Post Contingency Local Load Relief Warning has been issued to maintain SALTVILL-TAZEWELL at 375.0 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	AEP
01.21.2022 04:21	01.21.2022 06:59	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM

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01.19.2022 07:23	01.19.2022 17:09	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.19.2022 06:58	01.19.2022 07:23	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.19.2022 06:45	01.19.2022 12:02	A Post Contingency Local Load Relief Warning has been issued to maintain 02HAMILT 138 KV BB_30828 at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI
01.19.2022 06:44	01.23.2022 15:22	A Post Contingency Local Load Relief Warning has been issued to maintain MILLIRON 138 KV *E02 at 127 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI
01.18.2022 13:58	01.19.2022 00:19	A Post Contingency Local Load Relief Warning has been issued to maintain MILLIRON 138 KV *E02 at 127.0 KV in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI
01.18.2022 06:36	01.18.2022 08:57	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.17.2022 12:02	01.20.2022 05:27	A Post Contingency Local Load Relief Warning has been issued to maintain ROYERTON 138 KV BB_18317 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
01.16.2022 12:09	01.16.2022 17:12	A Post Contingency Local Load Relief Warning has been issued to maintain EDMONT 138 KV BB_5484 at 127.0 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	AEP
01.15.2022 20:06	01.16.2022 01:56	A Post Contingency Local Load Relief Warning has been issued to maintain BLOOMING 230 KV BLGRD01 at 211.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
01.15.2022 17:02	01.16.2022 01:56	A Post Contingency Local Load Relief Warning has been issued to maintain HAUTO 69 KV *G16 at 61.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
01.15.2022 16:44	01.16.2022 03:08	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 191.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM

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01.15.2022 11:09	01.15.2022 19:05	A Post Contingency Local Load Relief Warning has been issued to maintain BLOOMING 230 KV BLGRD01 at 211.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
01.15.2022 10:33	01.15.2022 11:09	A Post Contingency Local Load Relief Warning has been issued to maintain BLOOMING 230 KV BLGRD01 at 211.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
01.15.2022 07:26	01.15.2022 09:16	A Post Contingency Local Load Relief Warning has been issued to maintain HAUTO 69 KV *G16 at 61.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
01.15.2022 07:26	01.15.2022 07:30	A Post Contingency Local Load Relief Warning has been issued to maintain ACAHELA 230 KV *D03 at 211.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
01.15.2022 06:54	01.15.2022 12:49	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.15.2022 06:48	01.15.2022 06:55	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.14.2022 13:04	01.14.2022 13:16	A Post Contingency Local Load Relief Warning has been issued to maintain DANVILPL-GTI DAN-GTI2 at 65.0 MVA in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
01.13.2022 06:03	01.13.2022 08:35	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 191.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	DOM
01.11.2022 17:33	01.11.2022 20:39	A Post Contingency Local Load Relief Warning has been issued to maintain DICKERSH-QUINCEOR 23034 at 796.0 MVA in the PEPCO for Transmission Contingency Control. Additional Comments: Generation - slow response	PEPCO
01.11.2022 04:41	01.12.2022 00:02	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197.0 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.07.2022 19:12	01.07.2022 19:37	A Post Contingency Local Load Relief Warning has been issued to maintain ACAHELA 230 KV *D03 at 211.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL

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01.07.2022 18:28	01.07.2022 19:10	A Post Contingency Local Load Relief Warning has been issued to maintain ACAHELA 230 KV *D03 at 211.6 KV in the PL for Transmission Contingency Control. Additional Comments: Load - No Generation or Switching available	PPL
01.07.2022 17:00	01.08.2022 07:04	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 191 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.07.2022 07:32	01.07.2022 11:28	A Post Contingency Local Load Relief Warning has been issued to maintain GREYSPT-HARMONYV 1021B at 197 MVA in the DOM for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	DOM
01.04.2022 10:55	01.04.2022 12:15	A Post Contingency Local Load Relief Warning has been issued to maintain SPRUCE-04LRCRQ2 1 at 166.0 MVA in the FE(ATSI) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available	FE-ATSI

Non – Market PCLLRW (1 Events)

Effective Start Time	Effective End Time	Message	Region
01.04.2022 07:40	01.04.2022 07:50	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain GREENCO GREN 161_69 XFR at 98.0 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available	EKPC

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))

Hot Weather Alert (0 Event(s))

High System Voltage (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))