

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

There were 14 PCLLRWs and 0 High System Voltage events in December
There was 0 DCS reportable event in December

CPS1: % BAAL: %¹ CPS2: %

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.

DCS (Events)

Spinning (3 Events)

01.01.2018 02:41	01.01.2018 02:48	Spinning in PJM for Unit Trip 0239 Virginia City #1 loaded at 694MW. 0244 Amos #1 trip at 642MW. Tier 1 Estimate(MW)- 1,135.70 Tier 1 Total Resource Response (MW)-21 Tier 2 Total Resource Response(MW)-453.3
01.03.2018 03:00	01.03.2018 03:13	Spinning in PJM for Unit Trip Gavin 1 1350MW Tier 1 Estimate(MW)- 1,896.70 Tier 1 Total Resource Response (MW)-604 Tier 2 Total Resource Response(MW)-There were no Tie 2 units assigned for the synchronized reserve event.
01.07.2018 14:15	01.07.2018 14:24	Spinning in PJM for Unit Trip Killen 1 trip 566mw Tier 1 Estimate(MW)- 2,513.10 Tier 1 Total Resource Response (MW)-909 Tier 2 Total Resource Response(MW)-434.6

High System Voltage Action (0 Events)

Manual Load Dump Warning (0 Events)

HLV Schedule Warning (2 Events)

01.04.2018 13:00	01.04.2018 21:30	A HLV Warning (Heavy Load Voltage Schedule Warning) has been issued.	PJM-RTO
01.05.2018 01:00	01.05.2018 18:30	A HLV Warning (Heavy Load Voltage Schedule Warning) has been issued.	PJM-RTO

HLV Schedule Action (2 Events)

01.04.2018	01.04.2018	A HLV Action (Heavy Load Voltage Schedule	PJM-RTO
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System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

17:05	18:15	Action) has been issued.	
01.05.2018 17:00	01.05.2018 18:30	A HLV Action (Heavy Load Voltage Schedule Action) has been issued.	PJM-RTO

Hot/Cold Weather Alert (9 Events)

12.27.2017 11:13	01.02.2018 22:25	<p>A Cold Weather Alert has been issued from 06:00 on 01.01.2018 through 22:00 on 01.02.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	PJM-RTO
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System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

01.02.2018 09:10	01.03.2018 23:56	<p>A Cold Weather Alert has been issued from 00:00 on 01.03.2018 through 23:56 on 01.03.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	AEP, APS, COMED, CPP, DAYTON, DEOK, DUQ, EKPC, FE- ATSI, ITCI, WESTERN
01.02.2018 09:15	01.04.2018 23:59	<p>A Cold Weather Alert has been issued from 00:00 on 01.04.2018 through 23:59 on 01.04.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	AEP, APS, COMED, CPP, DAYTON, DEOK, DUQ, EKPC, FE- ATSI, ITCI, WESTERN

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

01.03.2018 08:00	01.06.2018 00:00	<p>A Cold Weather Alert has been issued from 00:00 on 01.05.2018 through 00:00 on 01.06.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	PJM-RTO
01.03.2018 08:00	01.06.2018 23:59	<p>A Cold Weather Alert has been issued from 00:00 on 01.06.2018 through 23:59 on 01.06.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	PJM-RTO

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

01.04.2018 08:00	01.07.2018 20:56	<p>A Cold Weather Alert has been issued from 00:00 on 01.07.2018 through 20:56 on 01.07.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	PJM-RTO
01.12.2018 09:00	01.14.2018 23:59	<p>A Cold Weather Alert has been issued from 00:00 on 01.14.2018 through 23:59 on 01.14.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	AEP, APS, COMED, CPP, DAYTON, DEOK, DUQ, EKPC, FE- ATSI, ITCI, RMU, WESTERN

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

01.14.2018 10:58	01.16.2018 20:06	<p>A Cold Weather Alert has been issued from 00:00 on 01.16.2018 through 20:06 on 01.16.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	AEP, APS, COMED, CPP, DAYTON, DEOK, DUQ, EKPC, FE-ATSI, ITCI, RMU, WESTERN
01.15.2018 10:05	01.17.2018 21:05	<p>A Cold Weather Alert has been issued from 00:00 on 01.17.2018 through 21:05 on 01.17.2018 Per M-13, members are expected to perform the following actions: TRANSMISSION/GEN DISPATCHERS review plans to determine if any maintenance/testing, scheduled/being performed, on any monitoring, control, transmission/generating equipment can be deferred/canceled. GENERATION DISPATCHERS: -- Review & update unit parameters in Markets Gateway through the Cold Weather Alert period paying particular attention to accurate Start-up & Notification, Min/Max Run Time, Eco Min/Max and Emergency Min/Max information. -- Submit alternate fuel capability & alternate fuel restrictions via Markets Gateway. -- Review fuel supply/delivery schedules in anticipation of greater than normal operation of units. -- Provide PJM with estimate of time needed to return any unit on a Planned Outage. This 'Early Return Time' should be updated via eDART & will not affect the Planned Outage est. end date. -- For dual fuel units, confirm the equipment is functional & amount of alternate fuel available.</p>	AEP, APS, COMED, CPP, DAYTON, DEOK, DUQ, EKPC, FE-ATSI, ITCI, RMU, WESTERN

- 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)

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

Shared Reserve (8 Events)

01.01.2018 02:44	01.01.2018 02:53	350 MW with NYISO – Virginia City @ 680 MW -Spinning
01.02.2018 05:59	01.02.2018 08:50	-400 MW with VACAR – Duke – Loss of multiple units - Regulation
01.02.2018 08:50	01.02.2018 08:55	-200 MW with VACAR – Multiple Units, EEA1 and 2 in VACAR
01.03.2018 03:03	01.03.2018 03:15	500 MW with NYISO – Gavin 1 1000MW
01.04.2018 14:12	01.04.2018 14:21	-100 MW with NYISO – Pilgrim (NE) - Regulation
01.07.2018 07:45	01.07.2018 08:15	-83 MW with NYISO –Roseton 1/625 mw -Regulation
01.07.2018 17:43	01.07.2018 18:49	-100 MW with NPCC – Portland (ONT) load at 600 - Regulation
01.25.2018 16:24	01.25.2018 16:36	-100 MW with NYISO – Sandy Pond 700 MW - Regulation

Min Gen Alert (0 Events)

Emergency Procedure (0 Events)

PCLLRW (52 Events)

12.31.2017 17:36	01.01.2018 11:35	A Post Contingency Local Load Relief Warning has been issued to maintain GREENBRI 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
12.31.2017 22:41	01.01.2018 00:58	A Post Contingency Local Load Relief Warning has been issued to maintain ALBIONIM-NORTHPOR TIE at 191 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.01.2018 04:26	01.02.2018 09:47	A Post Contingency Local Load Relief Warning has been issued to maintain FALLROCK 161 KV at 148.9 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.01.2018 06:27	01.01.2018 10:12	A Post Contingency Local Load Relief Warning has been issued to maintain COLUMBI4 115 KV at 105 KV in the Dominion for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.01.2018 17:43	01.02.2018 09:47	A Post Contingency Local Load Relief Warning has been issued to maintain LAKVEW-GREENFOE at 361 MVA in the ATSI for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.01.2018 19:47	01.01.2018 22:19	A Post Contingency Local Load Relief Warning has been issued to maintain CAPITOLH-CHEMICAL at 278 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.02.2018 01:39	01.03.2018 08:47	A Post Contingency Local Load Relief Warning has been issued to maintain BROADFO2-SALTVILL 2 at 277 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

01.02.2018 02:24	01.02.2018 09:47	A Post Contingency Local Load Relief Warning has been issued to maintain SKAGGS 138 KV at 127.7 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.02.2018 05:32	01.02.2018 09:47	A Post Contingency Local Load Relief Warning has been issued to maintain FARLEY2 - LIB_CHUR TIE at 72 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.02.2018 05:32	01.02.2018 10:29	A Post Contingency Local Load Relief Warning has been issued to maintain FORTROBI 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.02.2018 06:29	01.02.2018 12:39	A Post Contingency Local Load Relief Warning has been issued to maintain BROADFO2. 1 XFORMER at 810 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.02.2018 06:41	01.02.2018 10:29	A Post Contingency Local Load Relief Warning has been issued to maintain GREENBRI 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.02.2018 07:14	01.02.2018 12:39	A Post Contingency Local Load Relief Warning has been issued to maintain FORTROBI-WOLFHILL at 199 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Generation redispatch available
01.02.2018 07:26	01.02.2018 10:30	A Post Contingency Local Load Relief Warning has been issued to maintain MATTFUN2-TECHDRIV MAT-TEC at 199 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.02.2018 07:28	01.02.2018 12:38	A Post Contingency Local Load Relief Warning has been issued to maintain HUFFMAN-JACKSONS at 278 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.02.2018 17:55	01.08.2018 12:38	A Post Contingency Local Load Relief Warning has been issued to maintain CAPITOLH-CHEMICAL at 278 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.03.2018 01:39	01.03.2018 08:49	A Post Contingency Local Load Relief Warning has been issued to maintain ALBIONIM-NORTHPOR TIE at 191 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.03.2018 04:56	01.03.2018 09:40	A Post Contingency Local Load Relief Warning has been issued to maintain HUFFMAN-JACKSONS at 278 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.03.2018 05:08	01.09.2018 13:02	A Post Contingency Local Load Relief Warning has been issued to maintain GREENBRI 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.03.2018 06:33	01.03.2018 20:53	A Post Contingency Local Load Relief Warning has been issued to maintain BROADFO2-SMYTH at 317 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.04.2018 11:30	01.08.2018 12:38	A Post Contingency Local Load Relief Warning has been issued to maintain BROADFO2-SMYTH at 317 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

01.04.2018 17:01	01.05.2018 03:03	A Post Contingency Local Load Relief Warning has been issued to maintain LAKVEW-GREENFOE at 361 MVA in the ATSI for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.04.2018 17:21	01.04.2018 21:27	A Post Contingency Local Load Relief Warning has been issued to maintain CARTANZA 69 KV at 65 KV in the DPL (Delmarva) for Transmission Contingency Control. Additional Comments: Generation - slow response
01.05.2018 05:35	01.05.2018 10:09	A Post Contingency Local Load Relief Warning has been issued to maintain STVNSVIL-WYEMILLS STV-WYE at 106 MVA in the DPL (Delmarva) for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.05.2018 06:51	01.05.2018 09:40	A Post Contingency Local Load Relief Warning has been issued to maintain QUINCEOR 118-4T XFORMER at 161 MVA in the PEPCO for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.05.2018 07:02	01.08.2018 04:17	A Post Contingency Local Load Relief Warning has been issued to maintain HUFFMAN-JACKSONS at 278 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.05.2018 09:07	01.05.2018 09:51	A Post Contingency Local Load Relief Warning has been issued to maintain NORTHWOO-NORTHWTP NOR-NOR4 at 382 MVA in the FE (ME) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.05.2018 12:44	01.05.2018 19:06	A Post Contingency Local Load Relief Warning has been issued to maintain NORTHWOO-NORTHWTP NOR-NOR4 at 382 MVA in the FE (ME) for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.05.2018 18:42	01.06.2018 00:51	A Post Contingency Local Load Relief Warning has been issued to maintain LAKVEW-GREENFOE at 361 MVA in the ATSI for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.06.2018 05:23	01.06.2018 11:38	A Post Contingency Local Load Relief Warning has been issued to maintain FARLEY2 - LIB_CHUR TIE at 72 MVA in the EKPC for Transmission Contingency Control. Additional Comments: Contingency refuses to bind in SCED.
01.06.2018 06:43	01.08.2018 04:17	A Post Contingency Local Load Relief Warning has been issued to maintain HUFFMAN-JACKSONS at 278 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.07.2018 07:12	01.07.2018 13:57	A Post Contingency Local Load Relief Warning has been issued to maintain HAZARD 3 XFORMER at 246 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.07.2018 07:34	01.07.2018 10:22	A Post Contingency Local Load Relief Warning has been issued to maintain QUINCEOR 118-4T XFORMER at 161 MVA in the PEPCO for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.07.2018 07:39	01.07.2018 23:16	A Post Contingency Local Load Relief Warning has been issued to maintain LAKVEW-GREENFOE at 361 MVA in the ATSI for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.07.2018 07:47	01.07.2018 09:17	A Post Contingency Local Load Relief Warning has been issued to maintain CENTRVIL-MOSELEY at 208 MVA in the AEP for Transmission Contingency Control.

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

		Additional Comments: Load -No Generation or Switching available
01.07.2018 13:49	01.08.2018 07:31	A Post Contingency Local Load Relief Warning has been issued to maintain ETOWANDA-NMESHOPP ETL 1057 at 191 MVA in the PN for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.07.2018 15:36	01.07.2018 16:21	A Post Contingency Local Load Relief Warning has been issued to maintain FIELDALE-THORNTON at 183 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available - Post contingency switching to take BATH CO
01.07.2018 15:40	01.07.2018 16:21	A Post Contingency Local Load Relief Warning has been issued to maintain EDANVILL-BANISTER at 375 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available - Post contingency switching to take BATH CO
01.08.2018 17:56	01.09.2018 11:21	A Post Contingency Local Load Relief Warning has been issued to maintain Lakeview-Greenfield at 354 MVA in the FE-ATSI for Transmission Contingency Control. Additional Comments: Post-contingency Thermal on LAKVEW-GREENFOE for the loss of 345/4.DavisBess
01.10.2018 07:20	01.10.2018 08:33	A Post Contingency Local Load Relief Warning has been issued to maintain DEVILSBR 138 KV at 131 KV in the PSEG for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.14.2018 00:19	01.14.2018 01:09	A Post Contingency Local Load Relief Warning has been issued to maintain O2LORAIN-ADMIRAL 1 at 361 MVA in the ATSI for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.14.2018 07:25	01.14.2018 07:57	A Post Contingency Local Load Relief Warning has been issued to maintain GRNHALL 161 KV at 148.9 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.14.2018 17:23	01.14.2018 19:10	A Post Contingency Local Load Relief Warning has been issued to maintain ENONTP-GILB APS 304 at 229 MVA in the APS for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.15.2018 07:59	01.15.2018 20:54	A Post Contingency Local Load Relief Warning has been issued to maintain KEISTERS 138 KV at 127 KV in the APS for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.15.2018 08:21	01.15.2018 21:00	A Post Contingency Local Load Relief Warning has been issued to maintain CAPITOLH-CHEMICAL at 278 MVA in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.15.2018 11:15	01.19.2018 02:57	A Post Contingency Local Load Relief Warning has been issued to maintain COREY 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.17.2018 10:45	01.18.2018 18:54	A Post Contingency Local Load Relief Warning has been issued to maintain CAPITOLH-CHEMICAL at 278 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.17.2018 14:22	01.17.2018 20:31	A Post Contingency Local Load Relief Warning has been issued to maintain LAKVEW-GREENFOE at 361 MVA in the ATSI for Transmission Contingency Control.

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

		Additional Comments: Post Contingency Switching available
01.18.2018 07:09	01.18.2018 10:25	A Post Contingency Local Load Relief Warning has been issued to maintain FORTROBI 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.19.2018 10:47	01.24.2018 14:06	A Post Contingency Local Load Relief Warning has been issued to maintain IUPURDUE 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.24.2018 09:35	01.25.2018 11:28	A Post Contingency Local Load Relief Warning has been issued to maintain IUPURDUE 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.25.2018 07:34	01.25.2018 09:37	A Post Contingency Local Load Relief Warning has been issued to maintain BROADFO2-SALTVILL 2 at 277 MVA in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available

Non-PCLLRW (17 Events)

01.02.2018 06:08	01.09.2018 23:23	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SHEFFIEL 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.02.2018 06:50	01.02.2018 10:29	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain SPRINGCR 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.03.2018 07:15	01.03.2018 13:40	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain ROWAN_CO 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.03.2018 13:52	01.03.2018 21:04	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain WMILTON-09GRNVIL at 165 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.04.2018 06:34	01.04.2018 07:05	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain WMILTON-09GRNVIL at 165 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: BES 2 Facility
01.05.2018 07:01	01.08.2018 04:17	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain PIPERSGA 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.06.2018 04:53	01.06.2018 11:38	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BACONJ 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.07.2018 07:24	01.07.2018 12:35	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain CLIFFORD 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.07.2018	01.07.2018	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain

System Operations Subcommittee
PJM Operations Summary
December 2017 Operations – Final

07:25	12:35	IVYHILL 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.09.2018 00:12	01.09.2018 05:23	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain MOTTVILL 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.09.2018 03:52	01.09.2018 23:23	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BLUFFPOI 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.11.2018 17:29	01.12.2018 14:43	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain WCAMBRI2 138 KV at 127 KV in the AEP for Transmission Contingency Control. Additional Comments: Post Contingency Switching available
01.16.2018 14:08	01.16.2018 20:47	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain WMILTON-09GRNVIL at 165 MVA in the DAYTON for Transmission Contingency Control. Additional Comments: BES 2 Facility
01.24.2018 06:26	01.24.2018 07:34	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BLEDSOEE 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.24.2018 08:09	01.24.2018 08:50	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BLEDSOEE 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.25.2018 06:55	01.25.2018 10:50	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BLEDSOEE 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available
01.26.2018 06:13	Not Closed	A Non-Market Post Contingency Local Load Relief Warn has been issued to maintain BLEDSOEE 69 KV at 63.5 KV in the EKPC for Transmission Contingency Control. Additional Comments: Load -No Generation or Switching available