

System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

PJM RTO CPS1 145.5%; BAAL 99.7% (NERC 100%); (CPS2 87.9%); DCS 4 Events

DCS (4 Events)

Start Date & Time	Resource	Start Time	Recovery Time	Duration	Starting ACE MW	Min ACE MW	Recovery ACE MW	BAL-002 Compliant
8/1/2011 21:07	Loss of Mountaineer #1 (1005MW)	21:07:13	21:11:45	0:04:32	-708	-1694	-673	Yes
8/18/11 2:43	Loss of Gavin #1 (1049MW)	2:43:20	2:50:40	0:07:20	-5	-1616	52	Yes
8/19/11 10:46	Loss of Susquehanna #2 (1306MW)	10:46:47	10:51:35	0:04:48	653	-1748	8	Yes
8/23/11 13:51	Loss of North Anna #1 & 2 (1966MW) Earthquake Event	13:51:12	13:56:52	0:05:40	288	-2501	0	Yes

Special Notice (1 Event)

8/26/2011 9:25	8/26/2011 9:25	8/29/2011 3:18	Special Notice	Mid-Atlantic - Region As of 09:00 Additional Comments: PJM is declaring conservative operations in the midatlantic and Dominion zones for the evening period of Saturday August 27th and the Midnight, Day and Evening periods of Sunday August 28th. Hurricane Irene is forecast to track along the coast and produce heavy rains and 100 MPH winds. PJM is requesting All generation and transmission maintenance be restored/deferred in Dom and mid-atlantic zones. PJM will continue to run max credible disturbances and will schedule additional generation as needed.
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100% Spinning (4 Events)

8/1/2011	8/1/2011 21:08	8/1/2011 21:14	Spinning	Spinning in RFC for Unit Trip AEP- Mountaineer 1 trip 1045MW
8/18/2011	8/18/2011 2:45	8/18/2011 2:51	Spinning	Spinning in MIDATL for Unit Trip AEP Gavin #1 tripped unit loaded at approx 1050 mw.
8/19/2011	8/19/2011 10:49	8/19/2011 10:54	Spinning	Spinning in RFC for Unit Trip Susquehanna Unit 2 tripped loaded at 1255MW
8/23/2011	8/23/2011 13:52	8/23/2011 13:59	Spinning	Spinning in PJM for Unit Trip N Anna units 1 (919 MW) & 2 (944 MW) came off due to an earthquake in the Wash. D.C. area.

Shared Reserve (8 Events)

8/9/2011	8/9/2011 14:07	8/9/2011 14:16	Shared Reserve	-100 MW with NYISO - Bethlehem unit Trip - 700 mw's - Regulation
8/10/2011	8/10/2011 9:21	8/10/2011 9:32	Shared Reserve	-127 MW with NYISO - loss of phase 2 DC tie - Regulation

System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

8/14/2011	8/14/2011 15:18	8/14/2011 15:34	Shared Reserve	-199 MW with NYISO - 7040, Chateauguay - Massena DC tie loaded 1340mw - Regulation
8/18/2011	8/18/2011 10:11	8/18/2011 10:25	Shared Reserve	-190 MW with NYISO - Bruce G3 - Regulation
8/19/2011	8/19/2011 10:50	8/19/2011 11:00	Shared Reserve	653 MW with NPCC - Susquehanna #2 loaded at 1306MW. Cause unknown.
8/21/2011	8/21/2011 16:39	8/21/2011 16:50	Shared Reserve	-99 MW with NYISO - Mystic 9 loaded at 695MW - Regulation
8/23/2011	8/23/2011 13:55	8/23/2011 14:02	Shared Reserve	372 MW with VACAR - N Anna 1 & 2/Earthquake - Spinning & Regulation
8/23/2011	8/23/2011 13:55	8/23/2011 14:01	Shared Reserve	1000 MW with NYISO - N Anna 1 & 2/Earthquake - Spinning & Regulation

Minimum Generation Declaration (2 Events)

8/28/2011	8/28/2011 4:32	8/28/2011 8:15	Min Gen Declaration	As of 02:20 hours, a Minimum Generation Emergency Declaration has been issued. PJM anticipates the need for 50 % reducible generation effective 05:00 hours through hours. PJM encourages members to investigate selling energy out of the Control Area during this time frame. Please contact the PJM Shift Supervisor to adjust the variable ramp if the ramp limit is restricting your ability to sell out of the control area.
8/29/2011	8/29/2011 0:31	8/29/2011 5:11	Min Gen Declaration	As of 00:30 hours, a Minimum Generation Emergency Declaration has been issued. PJM anticipates the need for 80 % reducible generation effective 04:00 hours through 07:00 hours. PJM encourages members to investigate selling energy out of the Control Area during this time frame. Please contact the PJM Shift Supervisor to adjust the variable ramp if the ramp limit is restricting your ability to sell out of the control area.

Minimum Generation Event (2 Events)

8/23/2011	8/23/2011 3:11	8/23/2011 5:51	Min Gen Event	As of 03:10 hours, a Minimum Generation Event has been issued. Emergency reducible generation should reduce by 20 % The total reduction in effect at this time is 20 %
8/28/2011	8/28/2011 6:42	8/28/2011 8:15	Min Gen Event	As of 06:40 hours, a Minimum Generation Event has been issued. Emergency reducible generation should reduce by 30 % The total reduction in effect at this time is 30 %

System Operations Subcommittee
PJM Operations Summary
September 2011 (for August 2011 Operations)

Minimum Generation Alert (6 Events)

8/11/2011	8/11/2011 19:47	8/12/2011 5:35	Min Gen Alert	As of 19:40 hours, a Minimum Generation Alert has been issued for the Midnight of 08/12/11 Expected generation level is within -2335 MW of normal minimum energy limits. Additional Comments: Effective 19:45 Minimum Generation Alert is issued for the RTO for 08/12/2011. Adjusted Minimum Generation 67,300 MWs, Valley Load Estimate 69,635 MWs, Margin - 2,335 MWs.
8/23/2011	8/23/2011 20:41	8/24/2011 5:30	Min Gen Alert	As of 20:32 hours, a Minimum Generation Alert has been issued for the Midnight of 08/24/11 Expected generation level is within 350 MW of normal minimum energy limits. Additional Comments: Adjusted Minimum Generation: 66,384 MW Valley Load Estimate: 66,034 MW e-dart report number 31950
8/27/2011	8/27/2011 21:39	8/28/2011 8:15	Min Gen Alert	As of 21:35 hours, a Minimum Generation Alert has been issued for the Midnight of 08/28/2011 Expected generation level is within 578 MW of normal minimum energy limits. Additional Comments: Report number 31953.
8/28/2011	8/28/2011 21:49	8/29/2011 5:13	Min Gen Alert	As of 21:45 hours, a Minimum Generation Alert has been issued for the Midnight of 08/29/11 Expected generation level is within -2334 MW of normal minimum energy limits. Additional Comments: report #31954
8/29/2011	8/29/2011 22:53	8/30/2011 7:26	Min Gen Alert	As of 22:50 hours, a Minimum Generation Alert has been issued for the Midnight of 08/30/2011 Expected generation level is within -1103 MW of normal minimum energy limits. Additional Comments: Report #31955
8/30/2011	8/30/2011 20:52	8/31/2011 5:09	Min Gen Alert	As of 20:51 hours, a Minimum Generation Alert has been issued for the Midnight of 08/31/11 Expected generation level is within -2351 MW of normal minimum energy limits. Additional Comments: PJM RTO Valley Load Estimate is 66,595 MW.

Emergency Procedures (3 Events)

8/5/2011	8/5/2011 15:29	8/6/2011 10:01	Emergency Procedure	Issued Solar Magnetic Disturbance Warning for PJM - RTO As of 15:44 hours, an SMD warning of K7 or greater is in effect beginning at 15:44 and will continue for the next 18 hours. PJM will issue any SMD events or extended warnings posted on the RCIS by MISO St. Paul via the PJM All-Call. Additional Comments: Issued thru 0930 on Saturday August 6th.
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System Operations Subcommittee
PJM Operations Summary
September 2011 (for August 2011 Operations)

8/28/2011	8/28/2011 0:07	8/28/2011 10:14	Emergency Procedure	Issued High System Voltage for PJM - RTO As of 00:04 New hours, all companies shall take the following actions on the Bulk Electric System: 1. Switch capacitors out of service. 2. Switch reactors in service. 3. Ensure all SVCs are absorbing reactive power. 4. Generation Owners coordinate reactive power adjustments with Transmission Owners (TOs). 5. Generation Owners communicate with PJM and TOs restrictions to their generators ability to absorb MVARs that vary from existing "D" curve. Target: Distribution Companies/Transmission Owners/Generation
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8/28/2011	8/28/2011 23:10	8/29/2011 6:54	Emergency Procedure	Issued High System Voltage for PJM - RTO As of 23:05 New hours, all companies shall take the following actions on the Bulk Electric System: 1. Switch capacitors out of service. 2. Switch reactors in service. 3. Ensure all SVCs are absorbing reactive power. 4. Generation Owners coordinate reactive power adjustments with Transmission Owners (TOs). 5. Generation Owners communicate with PJM and TOs restrictions to their generators ability to absorb MVARs that vary from existing "D" curve. Target: Distribution Companies/Transmission Owners/Generation
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Hot weather alert (3 Events)

8/1/2011	8/1/2011 9:32	8/2/2011 21:47	Hot Weather Alert	PJM - RTO As of 09:30 hours, a Hot Weather Alert has been issued for 08/02/11 Additional Comments: Hot Weather Alert is effective for the entire PJM RTO: Forecasted temperatures and THI: Philadelphia - 93/80, Richmond - 96/83, Columbus - 93/83, and Chicago - 94/83.
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8/2/2011	8/2/2011 9:33	8/3/2011 20:00	Hot Weather Alert	BGE - Transmission Zone, PEPCO - Transmission Zone, Dominion - Control Zone As of 09:30 hours, a Hot Weather Alert has been issued for 08/03/11 Additional Comments: Forecasted temperature and THI: - Richmond, 99/85 - Washington D. C., 96/83 - Baltimore, 89/80
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8/7/2011	8/7/2011 18:19	8/8/2011 22:20	Hot Weather Alert	BGE - Transmission Zone, PEPCO - Transmission Zone, Dominion - Control Zone As of 18:15 hours, a Hot Weather Alert has been issued for 08/08/11 Additional Comments: Hot Weather Alert applies to the BC, PEP, and Dominion Transmission zones only. Forecasted temperature and THI: Baltimore - 95/82 Washington D.C. - 96/82 Richmond - 97/84
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System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

HLV Schedule Warning (2 Events)

8/1/2011	8/1/2011 11:55	8/1/2011 16:56	HLV Schedule Warning	PJM - RTO As of 11:54 a Heavy Load Voltage Schedule Warning has been issued.
8/8/2011	8/8/2011 8:01	8/8/2011 22:18	HLV Schedule Warning	Mid-Atlantic - Region, Southern - Region As of 08:00 a Heavy Load Voltage Schedule Warning has been issued.

HLV Schedule Action (1 Event)

8/1/2011	8/1/2011 15:04	8/1/2011 16:56	HLV Schedule Action	PJM - RTO As of 15:00 a Heavy Load Voltage Schedule Action has been issued.
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PCLLRW's (56 Events: 5 Gen, 21 Switch, and 30 Load)

8/1/2011	8/1/2011 11:36	8/5/2011 2:09	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 10MW's MW in the Buckhorn area of AEP has been issued for Transmission Contingency Control. Additional Comments: Low Voltage contngency for the I/o S.Princeton-Switchback 138kv line. No switching or generation available. However, post contingency the 138kv capacitor (55MVARs) at Hales Branch should relay on to eliviate low voltage violation.
8/1/2011	8/1/2011 11:49	8/1/2011 20:44	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 16MW's MW in the CrossTap/Hogan area of N/A has been issued for Transmission Contingency Control. Additional Comments: CrossTap-Madison 138kv line for the I/o Desoto #1 Transf. (345-138kv) Post Contingency Switching exists to open the
8/1/2011	8/1/2011 13:09	8/1/2011 20:44	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 10MW's MW in the Scadiz area of AEP has been issued for Transmission Contingency Control. Additional Comments: Scadizip-Tidd 138kv line for the I/o Kammer-South Canton 765kv line. Post Contingency switching to manually dispatch Cardinal 1 to eco-min. Post Contingency switching to open the C 138kv BKR at Sunnyop
8/1/2011	8/1/2011 13:09	8/1/2011 15:53	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 10MW's MW in the Scadiz area of AEP has been issued for Transmission Contingency Control. Additional Comments: Scadizip-Tidd 138kv line for the I/o Kammer-South Canton 765kv line. Post Contingency switching to manually dispatch Cardinal 1 to eco-min.
8/1/2011	8/1/2011 14:25	8/1/2011 20:44	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 15MW's MW in the Brookville/GravesMill area of N/A has been issued for Transmission Contingency Control. Additional Comments: Brookville-SLyncburg 138k line for the I/o Reusens-Joshua Falls. No switcing or generation available.

System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

8/1/2011	8/1/2011 14:30	8/1/2011 20:44	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 8MW's MW in the Elynn/Lavalett area of AEP has been issued for Transmission Contingency Control. Additional Comments: TriState-WHuntingdon 138kv line for the l/o Bellefonte-Chadwick. No switching or generation available.
8/1/2011	8/1/2011 14:44	8/2/2011 2:29	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 8MW's MW in the Eldean area of N/A has been issued for Transmission Contingency Control. Additional Comments: 13836TAP-ELDEAN for the l/o Shelby 345-138kv Transf. No switching or generation available.
8/1/2011	8/1/2011 15:45	8/1/2011 16:56	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Fernsdale, Ridgeview area of BGE has been issued for Transmission Contingency Control. Additional Comments: Howard-Pumphry l/o Brandonshores 230-Wagner 115 #1 transformer. BC would transfer load at these stations to relieve contingency
8/1/2011	8/1/2011 22:10	8/1/2011 22:36	Post Contingency Local Load Relief Warning	PCLLRW of 75 MW in the Hanso/Porta area of ComEd has been issued for Transmission Contingency Control. Reason: Load - no generation or switching available
8/2/2011	8/2/2011 13:28	8/2/2011 21:47	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 10MW's MW in the Scadiz area of AEP has been issued for Transmission Contingency Control. Additional Comments: Scadiztp-Tidd 138kv line for the l/o Kammer-Soutj Canton 765kv line. Post Contingency switcing exists to open the
8/2/2011	8/2/2011 13:36	8/2/2011 17:48	Post Contingency Local Load Relief Warning	PCLLRW of 25 MW in the Cloverdale area of ATSI has been issued for Transmission Contingency Control. Additional Comments: Star FE -Cloverdale l/o Barberton-Cloverdale Reason: Load - no generation or switching available
8/2/2011	8/2/2011 14:28	8/2/2011 21:47	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Elynn area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market contingency on Tristate-WHunting l/o Bellefonte-Belhaven-Chadwick.
8/2/2011	8/2/2011 15:47	8/2/2011 21:47	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Crosstr area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market contingency: Crosstap-Madison. Post-contingency switching available.
8/2/2011	8/2/2011 15:48	8/2/2011 21:47	Post Contingency Local Load Relief Warning	PCLLRW of 10 MW in the Benton Harbor area of AE (Atlantic Elec) has been issued for Transmission Contingency Control. Additional Comments: Non-market contingency: BENTONHA-RIVERSIM. Post-contingency switching available.

System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

8/3/2011	8/3/2011 11:35	8/3/2011 14:29	Post Contingency Local Load Relief Warning	PCLLRW of 10 MW in the SCALP LEVEL area of FE (PN) has been issued for Transmission Contingency Control. Additional Comments: Post-contingency thermal overload on HOOVERSV-SCALPLEV 115kv line I/o JOHNSTOWN #2 230/115kv transformer. Switching: Open 115kv CB Tower SF @ Hooversville.
8/3/2011	8/3/2011 14:20	8/3/2011 20:11	Post Contingency Local Load Relief Warning	PCLLRW of 10 MW in the RIVERSIM area of AE (Atlantic Elec) has been issued for Transmission Contingency Control. Additional Comments: Non-market thermal contingency: BENTONHA-RIVERSIM on loss of BENTONHA-WESTRO-HARTFORD. Post-contingency switching available.
8/3/2011	8/3/2011 16:43	8/3/2011 20:16	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Hutching area of DAYTON has been issued for Transmission Contingency Control. Additional Comments: Non-market thermal contingency: Hutching-Sugar Creek. Post-contingency switching available.
8/4/2011	8/4/2011 13:35	8/4/2011 15:15	Post Contingency Local Load Relief Warning	PCLLRW of 10 MW in the Mt Laurel, Chase City area of Dominion has been issued for Transmission Contingency Control. Additional Comments: for Halifax- Mt Laurel for loss of Buggs Island Clark 193 line
8/4/2011	8/4/2011 14:25	8/4/2011 15:40	Post Contingency Local Load Relief Warning	PCLLRW of 20 MW in the Hazard area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market thermal and low voltage contingency resulting from the loss of Johns creek-Stone-Spring 138kV line. This line loss also produces several non-market voltage contingencies. The post-contingency load shed will remediate both thermal and voltage violations. Reason: BES 2 facility
8/4/2011	8/4/2011 16:28	8/4/2011 19:58	Post Contingency Local Load Relief Warning	PCLLRW of 10 Mw MW in the Cloverdale (FE-W) area of ATSI has been issued for Transmission Contingency Control. Additional Comments: PCCLRW in effect for the overload on Star - Cloverdale 138 KV line for the loss of Barberton-Cloverdale 138 KV line. Reason: Load - no generation or switching available
8/4/2011	8/4/2011 16:47	8/5/2011 2:09	Post Contingency Local Load Relief Warning	PCLLRW of 20 MW in the Lavalette area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market low voltage contingency: Loss of Tristate-Whunting results in low voltages in the area, specifically Lavalette. Reason: Load - no generation or switching available

System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

8/4/2011	8/4/2011 17:55	8/4/2011 18:18	Post Contingency Local Load Relief Warning	PCLLRW of 10 MW in the edgewood, otter point area of BGE has been issued for Transmission Contingency Control. Additional Comments: Graceton-SafeHarbor I/o Conastone-PeachBottom BC prefers not to do switching due to other lines OOS and voltage drops in their area Reason: Generation - slow response
8/4/2011	8/4/2011 18:15	8/4/2011 18:49	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Mt. Laurel area of Dominion has been issued for Transmission Contingency Control. Additional Comments: Halifax-Mt.Laurel I/o Carson-Clover
8/5/2011	8/5/2011 9:23	8/5/2011 11:16	Post Contingency Local Load Relief Warning	PCLLRW of 32 MW in the Jeep & Dixie area of ATSI has been issued for Transmission Contingency Control. Additional Comments: I/o Bayshore-Jeep No.2 138kv line with post contingency switching at Dixie to open the 69kv B6900CB.
8/5/2011	8/5/2011 10:09	8/13/2011 6:34	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 25 MW in the Huffman, Pipers Gap area of AEP has been issued for Transmission Contingency Control. Load would be shed if local 69KV capacitors fail to switch in automatically. Additional Comments: Low Voltages and Voltage Drops over load dump at Piper's Gap, Huffman I/o Jackson's Ferry-Huffman 138KV line.
8/5/2011	8/5/2011 11:47	8/5/2011 20:40	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 20 MW in the Bluefield area of AEP has been issued for Transmission Contingency Control. Open 138KV C CB at Bluefield will provide 20MW of relief. Additional Comments: Buckhorn, Lonesome, ERivermo, Bluefield, SBluefield loss of S.Princeton-NewHope-Minnixmt-Switchback
8/5/2011	8/5/2011 12:00	8/6/2011 0:43	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 28 MW in the Morgan Fork area of AEP has been issued for Transmission Contingency Control. Open the 138KV A CB at Morgan Fork will provide 28MW if relief. Additional Comments: Hays Branch, Morgan Fork, Betsylay, Dewey loss of Beaver Creek-Morgan Fork.
8/5/2011	8/5/2011 15:24	8/5/2011 15:48	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Lavalette area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market THERMAL contingency: Tristate-WHunting on loss of Bellefonte-Belhaven-Chadwick.
8/5/2011	8/5/2011 15:25	8/6/2011 0:43	Post Contingency Local Load Relief Warning	PCLLRW of 20 MW in the Lavalette area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market contingency: LOW VOLTAGES at Lavalette, Parkhill on loss of Tristate-WHunting. Reason: BES 2 facility

System Operations Subcommittee
PJM Operations Summary
September 2011 (for August 2011 Operations)

8/5/2011	8/5/2011 17:40	8/5/2011 20:40	Post Contingency Local Load Relief Warning	PCLLRW of 10 MW in the Bethlehem area of AEP has been issued for Transmission Contingency Control. Additional Comments: Contingency: Brues-WBellai2 on loss of Kammer .100 transformer. Post-contingency switching available.
8/6/2011	8/6/2011 11:43	8/6/2011 16:29	Post Contingency Local Load Relief Warning	PCLLRW of 8 MW in the Brues area of AEP has been issued for Transmission Contingency Control. Post contingency switching: Close 138KV C breaker and Open 138KV B breaker at Kammer station. Additional Comments: PCLLRW 8mw BRUES-WBELLA12 loss of KAMMER2 .100 XFORMER Reason: Post Contingency Switching available
8/6/2011	8/6/2011 18:45	8/6/2011 19:43	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 5MW's MW in the Riversim area of AEP has been issued for Transmission Contingency Control. Additional Comments: BentonHarbor-Riversim2 for the I/o BentonHarbor-Westre-Hartford 138kv line. Post Contingency switcing exists to open No1 (345-138kv) Transf. at Benton Harbor.
8/7/2011	8/7/2011 12:38	8/7/2011 19:19	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 10 MW in the Brookville area of AEP has been issued for Transmission Contingency Control. Additional Comments: MP2 PCLLRW 10mw BROOKVI2-SLYNCHBU loss of Reusens - Monel - Gomingo - Joshua Falls
8/7/2011	8/7/2011 16:33	8/7/2011 19:47	Post Contingency Local Load Relief Warning	PCLLRW of 10 MW in the Chase City, Barns Jct., Black Branch DP area of Dominion has been issued for Transmission Contingency Control. Additional Comments: For Halifax - Mt. Laurel on L/O Carson -Clover 500 kV Reason: Load - no generation or switching available
8/8/2011	8/8/2011 10:29	8/8/2011 21:37	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 20 MW in the Brookville area of AEP has been issued for Transmission Contingency Control. Additional Comments: MP2 PCLLRW 10mw BROOKVI2-SLYNCHBU loss of Reusens - Monel - Gomingo - Joshua Falls
8/9/2011	8/9/2011 13:30	8/9/2011 21:18	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 10 MW in the Germantown area of DAYTON has been issued for Transmission Contingency Control. Post Contingency open 69KV BK 7 breaker at Crown station. Additional Comments: MP2 PCLLRW 10mw HUTCHING-SUGARCRE loss of TRENTON2-HUTCHING
8/10/2011	08/10/11 12:05	8/10/2011 21:23	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 10 MW in the Brookville area of AEP has been issued for Transmission Contingency Control. Additional Comments: Brookville-SLynchburg for I/o Reusens- Joshua Falls 138kv.No Post contingency switching available at this time.

System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

8/13/2011	8/13/2011 11:08	Not closed	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 5 MW in the Huffman area of AEP has been issued for Transmission Contingency Control. Additional Comments: Post-Contingency low voltage in the Huffman / Pipers Gap area for the loss of the Huffman-Jacksons Ferry 138 kV line. Post Contingency options: There are 69 kV capacitors at Galax that should switch into service should this contingency occur preventing the low voltage situation. Should the 69 kV capacitors fail to switch into service, approximately 5 MW of load must be shed in the Huffman area to restore the 138 kV voltage.
8/13/2011	8/13/2011 15:06	8/13/2011 15:12	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Second St. S Millville area of AE (Atlantic Elec) has been issued for Transmission Contingency Control. Additional Comments: For Shield Alloy-Vineland for loss of Churchtown Orchard Cumberland.
8/13/2011	8/13/2011 16:30	8/13/2011 21:28	Post Contingency Local Load Relief Warning	PCLLRW of 20 MW in the Belmont area of APS has been issued for Transmission Contingency Control. Additional Comments: PCLLRW issued for 20Mw's @ 16:26 for Belmont #3 trans L/O Belmont #1 & #2 trans. Post Contingency Switching: No switching available at this time Mt Wood @ Trissler is already open for the same contingency. Reason: Generation - slow response
8/13/2011	8/13/2011 18:02	8/13/2011 19:39	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Grant area of AEP has been issued for Transmission Contingency Control. Additional Comments: l/o Greentown-Hummel Creek
8/14/2011	8/14/2011 16:11	8/14/2011 22:00	Post Contingency Local Load Relief Warning	PCLLRW of 15 MW in the East Danville area of AEP has been issued for Transmission Contingency Control. Additional Comments: Danville-E Danville 138 kV line for the loss of the Jacksons Ferry-Antioch 500 kV line. Post Contingency switching is to open the 138 kV
8/16/2011	08/16/11 13:42	8/17/2011 18:20	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 10 MW in the Concord area of AEP has been issued for Transmission Contingency Control. Additional Comments: Post-Contingency overload on the Concord-Jackson Road 138 kV line for the loss of the County Road-East Elkhart 138 kV line. Post Contingency options: At Concord, open the low side breaker of the
8/16/2011	8/16/2011 15:00	8/16/2011 21:43	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Hill area of AEP has been issued for Transmission Contingency Control. Additional Comments: Post-contingency low voltages on non-market facilities on loss of Nagel #3 transformer.

System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

8/16/2011	8/16/2011 15:50	8/16/2011 21:04	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Polaris area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market contingency on MALISZEW-POLARIS.
8/16/2011	8/16/2011 18:32	8/16/2011 21:40	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Lynchburg area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market contingency on Brookville-S. Lynchburg.
8/17/2011	8/17/2011 14:10	8/17/2011 14:50	Post Contingency Local Load Relief Warning	PCLLRW of 15 MW in the Plymouth area of PECO has been issued for Transmission Contingency Control. Additional Comments: Plymouth-Whitpain 220-13/220-14 I/o Limerick-Cromby 220-61 Reason: Generation - slow response
8/17/2011	8/17/2011 15:59	8/17/2011 18:20	Post Contingency Local Load Relief Warning	PCLLRW of 15 MW in the Polaris area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market thermal contingency overloading MALISZEW-POLARIS 138kV line.
8/17/2011	8/17/2011 17:05	8/17/2011 21:26	Post Contingency Local Load Relief Warning	PCLLRW of 15 MW in the Lavalett area of AEP has been issued for Transmission Contingency Control. Additional Comments: Non-market post-contingency low voltages at Lavalett, E. Lynn, and Midkiff.
8/18/2011	08/18/11 14:16	8/18/2011 21:49	Post Contingency Local Load Relief Warning	PCLLRW of 29 MW in the Niles, McDSteel, SaltSprings, CntrlOE area of ATSI has been issued for Transmission Contingency Control. Generation is 45 minutes away and no switching solution. Additional Comments: Niles-Evergreen loss of Highland - Salt Springs 138KV line. Reason: Generation - slow response
8/19/2011	8/19/2011 13:38	8/19/2011 21:12	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 5mws MW in the Hutchings area of DAYTON has been issued for Transmission Contingency Control. Additional Comments: MP-2 Violation Hutching-SugarCreek f/lo Trenton-Hutchings. Post contingency switching @ Crown BK-7 will be opened.
8/24/2011	8/24/2011 14:08	8/25/2011 1:18	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 15 MW in the New carlisle area of AEP has been issued for Transmission Contingency Control. Additional Comments: For the Newcarli-Olive for I/o Olive-german-Natre dame-South Bend. Post contingency switching solution; open the
8/24/2011	8/24/2011 16:49	8/24/2011 18:05	Post Contingency Local Load Relief Warning	PCLLRW of 10 MW in the Somerset, Orange area of Dominion has been issued for Transmission Contingency Control. Additional Comments: I/o Elmont-Cunningham

System Operations Subcommittee
PJM Operations Summary
Septmeber 2011 (for August 2011 Operations)

8/24/2011	8/24/2011 22:50	8/25/2011 6:36	Non-Market Post Contingency Local Load Relief Warn	PCLLRW of 40 MW in the Brookville-S lynchburg area of AEP has been issued for Transmission Contingency Control. Additional Comments: Post contingency switching to open 138 kv G breaker at Reusens. To relieve Brookvi-S lynch for loss of Cloverdale 765-345 Xfrmr.
8/26/2011	8/26/2011 15:52	8/26/2011 18:08	Post Contingency Local Load Relief Warning	PCLLRW of 5 MW in the Saltvill area of AEP has been issued for Transmission Contingency Control. Additional Comments: Post-Contingecy switching open the Reason: Generation - slow response
8/31/2011	8/31/2011 14:21	8/31/2011 14:40	Post Contingency Local Load Relief Warning	PCLLRW of 40 MW in the Cabot,Eureka,Pleasants,Rochevi area of APS has been issued for Transmission Contingency Control. Additional Comments: For Belmont #3 transformer on the loss of Belmont #1 and 2 transformer. Reason: Generation - slow response