

System Operations Subcommittee
PJM Operations Summary
October 2010 (for September 2010 Operations)

PJM RTO CPS1 140.6%; BAAL 99.7% (NERC 100%); (CPS2 88.5%); DCS 100%

DCS Event

- On 9/20/2010 @ 18:04 Braidwood #1 Tripped at 1186 MW

100% Spinning (2 Events)

[9/15/2010](#) 09/15/2010 09/15/2010 [Emergency Procedures](#) Spinning: Spinning in EASTERN for Transmission Eastern Transfers.
07:18 07:31

[9/22/2010](#) 09/22/2010 09/22/2010 [Emergency Procedures](#) Spinning: Spinning in MIDATL for Unit Trip Lost Brunner Island 2 (300MW) and Byron 1 ran back (600MW).
11:28 11:52

Reserve Sharing (5 Events)

[9/2/2010](#) 09/02/2010 09/02/2010 [Emergency Procedures](#) Shared Reserve: -110 MW with NYISO - Bruce - 760 mw's
22:27 22:45

[9/9/2010](#) 09/09/2010 09/09/2010 [Emergency Procedures](#) Shared Reserve: -83 MW with NYISO - Neptune - Regulation, Notes: NYISO requested shared reserves due to the Neptune cable trip. Neptune was loaded at 660MW.
06:33 06:41

[9/9/2010](#) 09/09/2010 09/09/2010 [Emergency Procedures](#) Shared Reserve: -112 MW with NYISO - Bruce 4 loaded at 770MW - Regulation
11:07 11:22

[9/9/2010](#) 09/09/2010 09/09/2010 [Emergency Procedures](#) Shared Reserve: -258 MW with NYISO - Indian River
21:34 21:41

[9/15/2010](#) 09/15/2010 09/15/2010 [Emergency Procedures](#) Shared Reserve: -120 MW with NYISO - Bruce G6 nuclear unit Loaded @ 820Mw's - Regulation, Notes: Regulation & Smith Mountain #4.
13:43 14:13

Min Gen Alert (7 Events)

[9/4/2010](#) 09/04/2010 09/05/2010 [Emergency Procedures](#) Min Gen Alert: Issued Minimum Generation Alert beginning 20:38 PJM - RTO As of 20:38 hours, a Minimum Generation Alert has been issued for the Midnight of 09/05/10 Expected generation level is within -2274 MW of normal minimum energy limits.
20:51 08:25

[9/5/2010](#) 09/05/2010 09/06/2010 [Emergency Procedures](#) Min Gen Alert: Issued Minimum Generation Alert beginning 20:21 PJM - RTO As of 20:21 hours, a Minimum Generation Alert has been issued for the Midnight of 09/06/10 Expected generation level is within 1131 MW of normal minimum energy limits.
20:22 08:35

[9/6/2010](#) 09/06/2010 09/07/2010 [Emergency Procedures](#) Min Gen Alert: Issued Minimum Generation Alert beginning 20:50 PJM - RTO As of 20:50 hours, a Minimum Generation Alert has been issued for the Midnight of 09/07/10 Expected generation level is within 1353 MW of normal minimum energy limits.
20:55 04:45

[9/9/2010](#) 09/09/2010 09/10/2010 [Emergency Procedures](#) Min Gen Alert: Issued Minimum Generation Alert beginning 20:55 PJM - RTO As of 20:55 hours, a Minimum Generation Alert has been issued for the Midnight of 09/10/10 Expected generation level is within 2464 MW of normal minimum energy limits.
20:57

[9/18/2010](#) 09/18/2010 09/19/2010 [Emergency Procedures](#) Min Gen Alert: Issued Minimum Generation Alert beginning 20:34 PJM - RTO As of 20:34 hours, a Minimum Generation Alert has been issued for the Midnight of 09/19/2010 Expected generation level is within -1938 MW of normal minimum energy limits. Additional Comments: Adjusted Min Gen of 51,340; Valley Load Estimate of 53,278.
20:40 08:35

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[9/27/2010](#) 09/26/2010 09/27/2010 [Emergency Procedures](#) Min Gen Alert: Issued Minimum Generation Alert beginning 22:07 PJM - RTO As of 22:07 hours, a Minimum Generation Alert has been issued for the Midnight of 09/27/2010 Expected generation level is within -2028 MW of normal minimum energy limits. Cancelled at 05:00

[9/29/2010](#) 09/29/2010 09/30/2010 [Emergency Procedures](#) Min Gen Alert: Issued Minimum Generation Alert beginning 21:19 PJM - RTO As of 21:19 hours, a Minimum Generation Alert has been issued for the Midnight of 09/30/2010 Expected generation level is within 1678 Mw MW of normal minimum energy limits.

HLV Schedule Warning (3 Events)

[9/1/2010](#) 09/01/2010 09/01/2010 [Emergency Procedures](#) HLV Schedule Warning: Issued HLV Warning beginning 10:10 AP - Control Zone, DLCO - Control Zone, Dominion - Control Zone, Mid-Atlantic - Control Zone As of 10:10 a Heavy Load Voltage Schedule Warning has been issued.

[9/23/2010](#) 09/23/2010 09/23/2010 [Emergency Procedures](#) HLV Schedule Warning: Issued HLV Warning beginning 10:40 PJM - RTO As of 10:40 a Heavy Load Voltage Schedule Warning has been issued. Additional Comments: There is no HLV Warning in the ComEd transmission zone only.

[9/24/2010](#) 09/24/2010 09/24/2010 [Emergency Procedures](#) HLV Schedule Warning: Issued HLV Warning beginning 09:45 PJM - RTO As of 09:45 a Heavy Load Voltage Schedule Warning has been issued. Additional Comments: ***HLV Warning for the PJM RTO with the exception of the exception of the ComEd transmission zone***

HLV Schedule Action (1 Event)

[9/1/2010](#) 09/01/2010 09/01/2010 [Emergency Procedures](#) HLV Schedule Action: Issued HLV Action beginning 11:44 AP - Control Zone, DLCO - Control Zone, Dominion - Control Zone, Mid-Atlantic - Control Zone As of 11:44 a Heavy Load Voltage Schedule Action has been issued.

Hot Weather Alert (4 Events)

[9/1/2010](#) 08/30/2010 09/01/2010 [Emergency Procedures](#) Hot Weather Alert: Issued Hot Weather Alert beginning 09:52 AP - Control Zone, DLCO - Control Zone, Mid-Atlantic - Region, Dominion - Control Zone As of 09:52 hours, a Hot Weather Alert has been issued for 09/01/10 Additional Comments: Forecasted temperatures are as follows: Philadelphia Area - 95 degrees/82 THI Pittsburgh Area - 90 degrees/78 THI Richmond Area - 94 degrees/81 THI

[9/2/2010](#) 09/01/2010 09/02/2010 [Emergency Procedures](#) Hot Weather Alert: Issued Hot Weather Alert beginning 09:36 Mid-Atlantic - Region, Dominion - Control Zone As of 09:36 hours, a Hot Weather Alert has been issued for 09/2/10 Additional Comments: Forecasted temperatures: Philadelphia Area: 93 degrees/81 THI Richmond Area: 91 degrees/80 THI

[9/22/2010](#) 09/22/2010 09/23/2010 [Emergency Procedures](#) Hot Weather Alert: Issued Hot Weather Alert beginning 10:18 PJM - RTO As of 10:18 hours, a Hot Weather Alert has been issued for 09/23/10 Additional Comments: Exception: Com Ed Zone only will NOT have a Hot Weather Alert issued

[9/23/2010](#) 09/23/2010 09/24/2010 [Emergency Procedures](#) Hot Weather Alert: Issued Hot Weather Alert beginning 13:30 PJM - RTO As of 13:30 hours, a Hot Weather Alert has been issued for 9/24/2010 Additional Comments: ***Issued for the RTO except ComEd.***

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PCLLRW's (75Events: 6 Gen, 17 Switch, 52 Load)

<u>9/1/2010</u>	8/31/2010 23:38	9/1/2010 3:06	<u>Emergency Procedures</u>	PCLLRW of 103 MW in the Green Garden area of FE (PN) has been issued for Transmission Contingency Control. Additional Comments: GESGTAP-Gorejct. I/o Erie W.-Erie S. 345kv line.
<u>9/1/2010</u>	9/1/2010 9:55	9/1/2010 15:28	<u>Emergency Procedures</u>	PCLLRW of 65 MW in the Buffalo Road area of FE (PN) has been issued for Transmission Contingency Control. Additional Comments: Non-market post-contingency Local Load Relief Warning issued for GESG Tap - Gore Jct. 115kv line I/o Erie West - Erie South 345kv line.
<u>9/1/2010</u>	9/1/2010 13:15	9/1/2010 21:22	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the Brues area of AEP has been issued for Transmission Contingency Control. Additional Comments: BRUES-WBELLA12 L/O Kammer .100 345/138 Kv Xfmr Post contingency switching solution is to close the 138 Kv C CB @ Kammer.
<u>9/1/2010</u>	9/1/2010 13:48	9/1/2010 19:08	<u>Emergency Procedures</u>	PCLLRW of 40 MW in the Lime Kiln area of APS has been issued for Transmission Contingency Control. Additional Comments: Doubs #3 Transf. for the loss of Doubs #2 & #4 Doubs is stationed with operator instructed to manually isolate faulted xfmr and return the other to service. Secondary solution is to open the 23101 bkr @ Dickerson H., Notes: This warning applies for the loss of Doubs-Brighton 500kv line as well.
<u>9/1/2010</u>	9/1/2010 13:53	9/1/2010 19:57	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the Enon area of N/A has been issued for Transmission Contingency Control. Additional Comments: Tiltonsville-Windsor 138kv for the loss of Hatfield-Ronco 500kv.
<u>9/1/2010</u>	9/1/2010 14:39	9/1/2010 21:22	<u>Emergency Procedures</u>	PCLLRW of 5 MW in the Elynn-Lavalett-Park Hill area of AEP has been issued for Transmission Contingency Control. Additional Comments: Post-contingency voltage on non-market facility is lower than Load Dump Voltage Ratings.
<u>9/2/2010</u>	9/2/2010 12:54	9/2/2010 14:14	<u>Emergency Procedures</u>	PCLLRW of 15 MW in the SandySprings/ HighRidge area of BGE has been issued for Transmission Contingency Control. Additional Comments: Burtonsville-SandySprings I/o WaughChapel-HighRidge Reason: Load - no generation or switching available
<u>9/2/2010</u>	9/2/2010 13:03	9/2/2010 18:42	<u>Emergency Procedures</u>	PCLLRW of 5 MW in the Brues area of AEP has been issued for Transmission Contingency Control. Mitchell2 will have to be dispatched to minimum for the switching. Additional Comments: Issued PCLLRW for overload on Brues-WBellaire I/o Kammer.100 xfmr, with a post contingency switching option at Kammer to close the 138 KV 'C' breaker and open the 138 kv 'Bb breaker, per the kammer OpGuide
<u>9/2/2010</u>	9/2/2010 14:11	9/2/2010 18:54	<u>Emergency Procedures</u>	PCLLRW of 7 MW in the Carnegie area of APS has been issued for Transmission Contingency Control. Additional Comments: PCLLRW ISSUED @ 1356 for 7 mw's on the CARNEGIE-TIDD 138 KV line for the I/o Tidd - Magenhal 138kv line. This is being issued due to Cardinal 1 unit performing an unauthorized full load test and being unable to back out in time.
<u>9/2/2010</u>	9/2/2010 15:14	9/2/2010 22:46	<u>Emergency Procedures</u>	PCLLRW of 60 MW in the ELYNN, LAVALETT, PARKHILL area of AEP has been issued for Transmission Contingency Control. Additional Comments: Post-contingency load shed required to control non-market facilities with post-contingency voltages violating load dump limit.
<u>9/2/2010</u>	9/2/2010 17:03	9/2/2010 17:18	<u>Emergency Procedures</u>	PCLLRW of 35 MW in the ENON area of APS has been issued for Transmission Contingency Control. Additional Comments: PCLLRW ISSUED @ 1700 for 35 mw's on the TILTONSVILLE-WINDSOR line for the I/o Hatfield - Ronco 500kv line.
<u>9/3/2010</u>	9/3/2010 2:56	9/3/2010 3:57	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the E. Sayre area of FE (PN) has been issued for Transmission Contingency Control. Additional Comments: PCLLRW issued for E. Sayre-E.Towanda 115kv circuit on lost of E.Towanda-

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				Hillside 230kv line. With post contingency switching at E. Sayre, opening the 115kv N. Waverly CB.
<u>9/7/2010</u>	9/7/2010 12:41	9/7/2010 13:12	<u>Emergency Procedures</u>	PCLLRW of 8 MW in the Oakland Area area of APS has been issued for Transmission Contingency Control. Additional Comments: No switching available. Arsenal - Oakland on L/O Arsenal - Carson 345 kV
<u>9/7/2010</u>	9/7/2010 14:16	9/7/2010 20:59	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the Ivy Hill & Reusens area of AEP has been issued for Transmission Contingency Control. Additional Comments: Cloverdale-Ivy Hill 138 kV line for the loss of the Joshua Falls 765/138 kV transformer, Notes: Smith Mountain Hydro Generation due on HE 16:00.
<u>9/8/2010</u>	9/7/2010 13:46	9/8/2010 0:04	<u>Emergency Procedures</u>	PCLLRW of 8 MW in the Lafayette area of AEP has been issued for Transmission Contingency Control. Additional Comments: post-contingency switching: R cb@Mckinley,N cb@Industrial,and O1@Sorenson, Notes: Post Contingency switching will be to open the 138kv CB ?B? @ Hummel Creek 1st. Edart ticket 415091 has this CB opened during original switching sequence to remove transfer #1 @ Sorenson.
<u>9/8/2010</u>	9/8/2010 8:11	9/8/2010 14:57	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the Jackconburg area of N/A has been issued for Transmission Contingency Control. Additional Comments: PCLLRW for 10 MW for Middlebourne to Willow Island on L/O Harrison to Pruntytown. Post Contingency switching is available.
<u>9/13/2010</u>	9/13/2010 15:48	9/13/2010 21:21	<u>Emergency Procedures</u>	PCLLRW of 10 MW's MW in the Sleepy Hollow area of APS has been issued for Transmission Contingency Control. Additional Comments: Millville-Sleepy Hollow 138kv line for the l/o Doubs-Mt.Storm 500kv line. Post Contingency Switching exists to open Sleepy Hollow line at Bedington. Reason: Load - no generation or switching available
<u>9/15/2010</u>	9/15/2010 12:14	9/15/2010 13:45	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the Carroll area of APS has been issued for Transmission Contingency Control. Additional Comments: Carroll-Catoctin 138 kV line for the loss of the Montgomery-Lime Kiln 230 kV line. Post Contingency switching solution: No switching is available, load must be shed in the Carroll area. NOTE: This contingency is a result of Monocacy 230 kV A-C Bus tie being open under E-DART 417058. Reason: Post Contingency Switching available, Notes: 09/15/2010 13:28 This PCLLRW also applies to the Catoctin-Ringold 138 kV line contingency for the loss of Montgomery-Lime Kiln 230 kV line., 09/15/2010 12:37 At Carroll, AP can transfer 12 MW of load to a different feed and at Monocacy AP can transfer the load on the T6 transformer to the T1 transformer.
<u>9/16/2010</u>	9/16/2010 13:05	9/16/2010 17:15	<u>Emergency Procedures</u>	PCLLRW of 5 MW in the Lakeside area of Dominion has been issued for Transmission Contingency Control. Additional Comments: Acca-NWest l/o Elmont-Lakeside
<u>9/16/2010</u>	9/16/2010 16:11	9/16/2010 17:15	<u>Emergency Procedures</u>	PCLLRW of 20 MW in the NWest area of N/A has been issued for Transmission Contingency Control. Additional Comments: Post-contingency thermal violation on NWest TX7H and NWest TX7 (identical load dfax) l/o SOUTHWEST TX4 230kv LOAD TRANS AND BUS. No generation available.
<u>9/17/2010</u>	9/17/2010 11:09	9/17/2010 12:39	<u>Emergency Procedures</u>	PCLLRW of 20 MW in the Sleepy Hollow area of APS has been issued for Transmission Contingency Control. Additional Comments: PCLLRW ISSUED @ 1100 for 20 mw's on the Millville - Sleepy Hollow 138kv line for the l/o Doubs - Mt Storm 500kv line.
<u>9/17/2010</u>	9/17/2010 15:46	9/17/2010 18:28	<u>Emergency Procedures</u>	PCLLRW of 14mw MW in the Sleepy Hollow / Shepardstown area of APS has been issued for Transmission Contingency Control. PCLLRW 14mw in Sleepy Hollow / Shepardstown area of APS for Millville - Sleepy Hollow l/o Blackoak - Hatfield 500Kv line Additional Comments: Post contingency open Millville-Sleepy Hollow 138kv line.

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<u>9/21/2010</u>	9/21/2010 15:51	9/21/2010 16:11	<u>Emergency Procedures</u>	PCLLRW of 17 MW in the Batavia area of ComEd has been issued for Transmission Contingency Control. Reason: Generation - slow response
<u>9/21/2010</u>	9/21/2010 16:12	9/21/2010 19:33	<u>Emergency Procedures</u>	PCLLRW of 15 MW in the Shepperdstown - Sleepy Hollow area of APS has been issued for Transmission Contingency Control. Additional Comments: Bedington - Sheperdstown on L/O Meadowbrook - Greenland Gap. Post Contingency switching is available. Reason: Load - no generation or switching available
<u>9/21/2010</u>	9/21/2010 16:37	9/21/2010 21:01	<u>Emergency Procedures</u>	PCLLRW of 7 MW in the Circleville area of AEP has been issued for Transmission Contingency Control.
<u>9/22/2010</u>	9/22/2010 12:20	9/22/2010 12:55	<u>Emergency Procedures</u>	PCLLRW of 35 MW in the Sleepy Hollow / Millville area of APS has been issued for Transmission Contingency Control. Additional Comments: At 12:20, a PCLLRW was issued for 35MW in the Sleepy Hollow/Millville areas for Bedington-Shepherdstown l/o Meadowbrook-Greenland Gap. This PCLLRW also covers Shepherdstown-Sleepy Hollow l/o Meadowbrook-Greenland Gap. POST-Contingency Switching: OPEN Sleepy Hollow 138kV CB at Millville. APS will also open distribution CBs. Reason: Post Contingency Switching available
<u>9/22/2010</u>	9/22/2010 13:53:00 PM	9/22/2010 20:38:00 PM	<u>Emergency Procedures</u>	PCLLRW of 30 MW in the gittsrn area of FE (ME) has been issued for Transmission Contingency Control. Additional Comments: Jackson- TMI for the loss of Conastone- Peach Bottom. Reason: Generation - slow response
<u>9/22/2010</u>	9/22/2010 14:01:00 PM	9/22/2010 21:39:00 PM	<u>Emergency Procedures</u>	PCLLRW of 40 MW in the Millville/SleepyHollow area of APS has been issued for Transmission Contingency Control. Additional Comments: A PCLLRW issued at 13:40 for 40 MW in the Millville/Sleepy Hollow areas for Millville-Old Chapel l/o Doubs-Mt Storm. Possible POST-Contingency Switching Solution: Open Lovettsville CB at Millville. Reason: Load - no generation or switching available, Notes: This will cover Feagans Mill - Stonewall also
<u>9/22/2010</u>	9/22/2010 14:37:00 PM	9/22/2010 18:24:00 PM	<u>Emergency Procedures</u>	PCLLRW of 5 MW in the Circleville area of AEP has been issued for Transmission Contingency Control. Reason: Load - no generation or switching available
<u>9/22/2010</u>	9/22/2010 15:20:00 PM	9/22/2010 20:38:00 PM	<u>Emergency Procedures</u>	PCLLRW of 40mw MW in the Cumberland area of PPL has been issued for Transmission Contingency Control. Additional Comments: PCLLRW 40mw for Cumberland - Juniata loss of 5008 Juniata - TMI Reason: Generation - slow response
<u>9/22/2010</u>	9/22/2010 15:21:00 PM	9/22/2010 20:35:00 PM	<u>Emergency Procedures</u>	PCLLRW of 110 MW in the Belmont 138 kV area of APS has been issued for Transmission Contingency Control. Additional Comments: Belmont 3 Trans on loss of Belmont 1 & 2 Trans Reason: Load - no generation or switching available
<u>9/22/2010</u>	9/22/2010 15:26:00 PM	9/22/2010 20:06:00 PM	<u>Emergency Procedures</u>	PCLLRW of 20 MW in the Bridgeville/Harrington area of DPL (Delmarva) has been issued for Transmission Contingency Control. Additional Comments: A 10MW Post-Contingency Local Load Relief Warning has been issued in the Bridgeville Area of DPL for the loss of the S Harrington AT1 138/69kV transformer.
<u>9/22/2010</u>	9/22/2010 15:28:00 PM	9/22/2010 20:38:00 PM	<u>Emergency Procedures</u>	PCLLRW of 10mw MW in the York Anna/Yoe area of FE (ME) has been issued for Transmission Contingency Control. Additional Comments: PCLLRW 10mw for BRUNNERI-YORKANA 1055 loss of CONASTON-PEACHBOT 5012. Reason: Generation - slow response
<u>9/22/2010</u>	9/22/2010 15:29:00 PM	9/22/2010 17:06:00 PM	<u>Emergency Procedures</u>	PCLLRW of 15 MW in the Lanexa area of Dominion has been issued for Transmission Contingency Control. Additional Comments: A 15MW Post-Contingency Local Load Relief Warning has been issued in the Lanexa Area of DOM for the loss of the Waller - Lightfoot - Lanexa 2113 230kV line. Reason: Load - no generation or switching available
<u>9/22/2010</u>	9/22/2010 15:30:00	9/22/2010 17:06:00	<u>Emergency Procedures</u>	PCLLRW of 70 MW in the Newport News area of Dominion has been issued for Transmission Contingency Control. Additional Comments: A

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	PM	PM		70MW Post-Contingency Local Load Relief Warning has been issued in the NewportNews Area of DOM for the loss of the Chickahominy - Lanexa 2024 230kV line and the Lanexa 230/115kV TX2 transformer. Reason: Load - no generation or switching available
<u>9/22/2010</u>	<u>9/22/2010</u> 15:31:00 PM	<u>9/22/2010</u> 17:06:00 PM	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 120 MW in the Chaparal area of Dominion has been issued for Transmission Contingency Control. Additional Comments: A 120MW Post-Contingency Local Load Relief Warning has been issued in the Chaparal Area of DOM for the loss of the N Anna - Midlothian 576 500kV line and the Midlothian 500/230kV Tx2 transformer. Reason: Load - no generation or switching available
<u>9/22/2010</u>	<u>9/22/2010</u> 16:21:00 PM	<u>9/22/2010</u> 17:33:00 PM	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 13 MW in the CHARLCTY area of Dominion has been issued for Transmission Contingency Control. ACCA - N WEST 60 A 115 kV LINE for I/o ELMONT - LAKESIDE 216 230 kV Line Reason: Load - no generation or switching available, Notes: 17:20 opened 9572 CB @ ACCA to LAKESIDE cleared contingency OL
<u>9/22/2010</u>	<u>9/22/2010</u> 16:27:00 PM	<u>9/22/2010</u> 18:19:00 PM	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 35 MW in the FISHERSV/DUPWAYNE area of Dominion has been issued for Transmission Contingency Control. DOOMS #9 TR 500/230 kV for I/o DOOMS #7 TR 500/230 kV Reason: Load - no generation or switching available
<u>9/22/2010</u>	<u>9/22/2010</u> 17:07:00 PM	<u>9/22/2010</u> 21:39:00 PM	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 20 MW in the Mt Zion - Westvaco - Short Gap area of APS has been issued for Transmission Contingency Control. Additional Comments: For L/O Meadowbrook - Greenland Gap or Prunytown - Mt Storm Reason: Load - no generation or switching available, Notes: Covers Albright - Mt Zion or Blackoak - Westvaco
<u>9/22/2010</u>	<u>9/22/2010</u> 17:51:00 PM	<u>9/22/2010</u> 20:04:00 PM	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 10 MW in the GREEN RUN area of Dominion has been issued for Transmission Contingency Control. GREENWICH-GREENRUN 245A Line for I/o FENTRESS-LANDSTOWN 271 Line
<u>9/23/2010</u>	<u>9/23/2010</u> 12:40	<u>9/23/2010</u> 20:58	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 10 MVA MW in the Westvaco area of APS has been issued for Transmission Contingency Control. Additional Comments: For Albright-Mt. Zion on the loss of Prunytown-Mt. Storm OR Meadowbrook-Greenland Gap., Notes: Many BES post contingency low voltages as well
<u>9/23/2010</u>	<u>9/23/2010</u> 12:46	<u>9/23/2010</u> 21:50	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 10 MW in the Jackson area of FE (ME) has been issued for Transmission Contingency Control. Additional Comments: Jackson-TMI 1051 I/o Conestone-Peachbottom 5012 Reason: Generation - slow response
<u>9/23/2010</u>	<u>9/23/2010</u> 12:52	<u>9/23/2010</u> 23:59	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 30 MW in the Millville area of APS has been issued for Transmission Contingency Control. Additional Comments: For Millville-Old Chapel on the loss of Doubs-Mt. Storm.
<u>9/23/2010</u>	<u>9/23/2010</u> 14:47	<u>9/23/2010</u> 19:33	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 22 MW in the GREEN RUN area of Dominion has been issued for Transmission Contingency Control. for GREENCH-GREENRUN 245A for I/o 271 FENTRESS-LANDTOWN
<u>9/23/2010</u>	<u>9/23/2010</u> 14:49	<u>9/23/2010</u> 19:33	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 32 MW in the CHESAPEAKE area of Dominion has been issued for Transmission Contingency Control. For YADKIN-CHESAPEAKE 262B for I/o 579 FENTRESS-SEPTA & TR 1&3
<u>9/23/2010</u>	<u>9/23/2010</u> 14:50	<u>9/23/2010</u> 21:29	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 29 MW in the Circleville area of AEP has been issued for Transmission Contingency Control. Reason: Load - no generation or switching available
<u>9/23/2010</u>	<u>9/23/2010</u> 16:14	<u>9/23/2010</u> 20:35	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 23 MW in the Medford area of AEP has been issued for Transmission Contingency Control.
<u>9/23/2010</u>	<u>9/23/2010</u> 16:43	<u>9/23/2010</u> 19:33	<u>Emergency</u> <u>Procedures</u>	PCLLRW of 12 MW in the GREENWCH/THALIA area of Dominion has been issued for Transmission Contingency Control. for GREENWCH-ELIZRIV 2018A I/o 579 LINE FENTRESS-SEPTA & TR 1&3

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<u>9/23/2010</u>	9/23/2010 16:44	9/23/2010 19:33	<u>Emergency Procedures</u>	PCLLRW of 20 MW in the CENTRAL DOM area of Dominion has been issued for Transmission Contingency Control. CLOVER TX9 CARSON 556A for I/o 553 Line ELMONT-CUNNINGHAM & TX2, Notes: Colflcting with Dooms TX 9
<u>9/24/2010</u>	9/24/2010 10:07	9/24/2010 19:03	<u>Emergency Procedures</u>	PCLLRW of 35 MW in the Medford area of AEP has been issued for Transmission Contingency Control. Reason: Load - no generation or switching available
<u>9/24/2010</u>	9/24/2010 12:04	9/24/2010 19:58	<u>Emergency Procedures</u>	PCLLRW of 5 MW in the Black Oak, Meadow Brook, Double Tollgate, W. Winch area of APS has been issued for Transmission Contingency Control. Additional Comments: This is to relieve post-contingency low voltages at Black Oak, Meadow Brook, Double Tollgate, W. Winchester, and Red Bud, on loss of Meadowbrook-Greenland Gap 500kV line., Notes: AP has agreed to open Meadowbrook 500/138kV transformers (all of them) on loss of Meadowbrook-Greenland Gap 500kV line.
<u>9/24/2010</u>	9/24/2010 12:06	9/24/2010 19:02	<u>Emergency Procedures</u>	PCLLRW of 20 MW in the Circleville area of AEP has been issued for Transmission Contingency Control. Reason: Load - no generation or switching available
<u>9/24/2010</u>	9/24/2010 13:52	9/24/2010 19:50	<u>Emergency Procedures</u>	PCLLRW of 45 MW in the Greenwich & Thalia area of Dominion has been issued for Transmission Contingency Control. Additional Comments: GREENWCH-ELIZRIV 2018A I/o 579 LINE FENTRESS-SEPTA & TR 1&3.
<u>9/24/2010</u>	9/24/2010 13:57	9/24/2010 20:21	<u>Emergency Procedures</u>	PCLLRW of 27 MW in the Grassfield & Chesapeake area of Dominion has been issued for Transmission Contingency Control. Additional Comments: YADKIN-CHESAPEAKE 262B for I/o 579 FENTRESS-SEPTA & TR 1&3
<u>9/24/2010</u>	9/24/2010 14:16	9/24/2010 19:58	<u>Emergency Procedures</u>	PCLLRW of 15 MW in the Shepherdstown - Sleepy Hollow area of APS has been issued for Transmission Contingency Control. Additional Comments: Bedington - Shepherdstown on L/O Meadowbrook - Greenland Gap. or Feagans Mill - Stonewall on L/O Doubs Mt. Storm, Notes: Post Contingency switching available.
<u>9/24/2010</u>	9/24/2010 14:44	9/24/2010 19:59	<u>Emergency Procedures</u>	PCLLRW of 15 MW in the Westvaco - Short Gap area of APS has been issued for Transmission Contingency Control. Additional Comments: For loss of Prunytown - Mt. Storm or loss of Meadow Brook - Greenland Gap Reason: Load - no generation or switching available, Notes: Post Contingency switching available.
<u>9/24/2010</u>	9/24/2010 15:31	9/24/2010 18:35	<u>Emergency Procedures</u>	PCLLRW of 15mws MW in the GreenRun area of Dominion has been issued for Transmission Contingency Control. Additional Comments: For the loss of 271 line Fentress-Landstown PCLLRW of 15mws MW in the GreenRun area of Dominion has been issued for Transmission Contingency Control. Additional Comments: For the loss of 271 line Fentress-Landstown Reason: Load - no generation or switching available Reason: Load - no generation or switching available
<u>9/24/2010</u>	9/24/2010 15:42	9/24/2010 17:18	<u>Emergency Procedures</u>	PCLLRW of 35mws MW in the Dooms area of Dominion has been issued for Transmission Contingency Control. Additional Comments: post contingency switching available Reason: Post Contingency Switching available, Notes: Bath County Generation will be ordered offline
<u>9/24/2010</u>	9/24/2010 16:14	9/24/2010 18:30	<u>Emergency Procedures</u>	PCLLRW of 5mws MW in the NorthPT/Riverside area of BGE has been issued for Transmission Contingency Control. Additional Comments: for the loss of 2345 Brandon Shores-Riverside and Riverside #2 Xfmr.
<u>9/24/2010</u>	9/24/2010 17:28	9/24/2010 18:45	<u>Emergency Procedures</u>	PCLLRW of 5ms MW in the Cumberland area of PPL has been issued for Transmission Contingency Control. Additional Comments: PCLLRW 5 mw CUMB PL-JUNIATA 2235 loss of JUNIATA-TMI 5008.
<u>9/25/2010</u>	9/24/2010 11:10	9/25/2010 22:58	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the Millville area of APS has been issued for Transmission Contingency Control. Additional Comments: Millville-Old Chapel contingency. AP has a post-contingency switching solution to

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				implement., Notes: Post-contingency switching: open Lovettesville and Sleepy Hollow CB's at Millville.
<u>9/25/2010</u>	9/25/2010 13:41	9/25/2010 14:15	<u>Emergency Procedures</u>	PCLLRW of 30mws MW in the Doubs area of N/A has been issued for Transmission Contingency Control. Additional Comments: for the loss Bedington-Doubs Reason: Load - no generation or switching available
<u>9/25/2010</u>	9/25/2010 14:03	9/25/2010 17:29	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the Carson area of Dominion has been issued for Transmission Contingency Control. Additional Comments: PCLLRW to relieve post-contingency flows on Clover 9 Transformer.
<u>9/25/2010</u>	9/25/2010 14:24	9/25/2010 17:17	<u>Emergency Procedures</u>	PCLLRW of 30 MW in the Powhatan area of Dominion has been issued for Transmission Contingency Control. Additional Comments: PCLLRW for Powhatan-Bremo.
<u>9/25/2010</u>	9/25/2010 14:28	9/25/2010 16:43	<u>Emergency Procedures</u>	PCLLRW of 10mws MW in the Doubs area of APS has been issued for Transmission Contingency Control. Additional Comments: post contingency switching for the loss of Doubs-MT Storm Reason: Post Contingency Switching available, Notes: At Millville open Sleepy Hollow and Lovettesville CB
<u>9/25/2010</u>	9/25/2010 14:50	9/25/2010 17:50	<u>Emergency Procedures</u>	PCLLRW of 30 MW in the Doods area of Dominion has been issued for Transmission Contingency Control. Additional Comments: PCLLRW for DOOMS TX9.
<u>9/25/2010</u>	9/25/2010 14:51	9/25/2010 19:52	<u>Emergency Procedures</u>	PCLLRW of 20 MW in the Chesapeake area of Dominion has been issued for Transmission Contingency Control. Additional Comments: PCLLRW for Yadkin-Chesapeake.
<u>9/25/2010</u>	9/25/2010 15:11	9/25/2010 17:31	<u>Emergency Procedures</u>	PCLLRW of 10 MW in the Ruth area of AEP has been issued for Transmission Contingency Control. Additional Comments: PCLLRW 10mw for Ruth - Turner loss of Kanawha River B Transformer. Reason: Load - no generation or switching available
<u>9/25/2010</u>	9/25/2010 15:28	9/25/2010 22:45	<u>Emergency Procedures</u>	PCLLRW of 35 MW in the Harford area of BGE has been issued for Transmission Contingency Control. Additional Comments: PCLLRW to control Graceton-Safe Harbor., Notes: This constraint is caused by the outage of Conastone-Otter Creek. Edart ticket indicates a one hour emergency restoration time, but BC dispatch reports that the outage has no emergency restoration availability.
<u>9/25/2010</u>	9/25/2010 15:53	9/25/2010 19:52	<u>Emergency Procedures</u>	PCLLRW of 15 MW in the Greenwich, Thalia area of Dominion has been issued for Transmission Contingency Control. Additional Comments: PCLLRW for Greenwich-Elizabeth River.
<u>9/26/2010</u>	9/26/2010 15:41	9/26/2010 20:46	<u>Emergency Procedures</u>	PCLLRW of 5mws MW in the Millville area of APS has been issued for Transmission Contingency Control. Additional Comments: Millville-OldChapel f/lo Doubs-Mt.Storm. Post contingency switching solution. Reason: Post Contingency Switching available, Notes: Open Loettesville and Sleepy Hollow CB at Millville
<u>9/27/2010</u>	9/27/2010 13:17	9/27/2010 21:44	<u>Emergency Procedures</u>	PCLLRW of 10mws MW in the Millville/Sleepy Hollow area of APS has been issued for Transmission Contingency Control. Additional Comments: Millville Old-Chapel f/lo Doubs-Mt.Storm. Post Contingency Switching solution, Notes: Open Sleepy Hollow and Lovettesville CB's at Millville post contingency.