

System Operations Subcommittee
PJM Operations Summary
December 2010 (for November 2010 Operations)

PJM RTO CPS1 134.1%; BAAL 99.6% (NERC 100%); (CPS2 89.9%); DCS 100%

DCS Event

- On 11/26/2010 @ 09:20 Amos #3 Tripped at 1037 MW
- On 11/27/2010@ 06:34 Mountaineer#1 Tripped at 1181 MW

100% Spinning (3 Events)

| | | | | |
|----------------------------|---------------------|---------------------|--------------------------------------|--|
| 11/8/2010 | 11/08/2010 03:35 | 11/08/2010 05:37 | Emergency Procedures | Spinning: Spinning in DOM for Transmission Dominion 500kV system voltage control., Notes: All call activated 03:33. |
| 11/26/2010 | 11/26/2010 09:24 | 11/26/2010 09:37 | Emergency Procedures | Spinning: Spinning in PJM for Unit Trip 0924 spin was activated in the RTO for loss of Ammos 3 1030 MW. Canceled @ 0937. |
| 11/27/2010 | 11/27/2010 06:34 | 11/27/2010 06:42 | Emergency Procedures | Spinning: Spinning in RFC for Unit Trip Mountaineer 1 trip. Unit loaded at 1260mw. Cause unknown. |

PCLLRW's (18Events: 0 Gen, 10 Switch, 8 Load)

| | | | | |
|----------------------------|---------------------|---------------------|--------------------------------------|--|
| 11/5/2010 | 11/05/2010 07:25 | 11/05/2010 21:31 | Emergency Procedures | PCLLRW of 10 MW in the Adams area of AEP has been issued for Transmission Contingency Control. Additional Comments: PCLLRW issued to control MP2 post-contingency low voltage at Adams and Seaman on loss of Marquis-Waverly 138kV line. Reason: Load - no generation or switching available |
| 11/6/2010 | 11/06/2010 06:58 | 11/06/2010 13:21 | Emergency Procedures | PCLLRW of 10 MW in the ADAMSAEP area of AEP has been issued for Transmission Contingency Control. Additional Comments: PCLLRW is issued for post-contingency low voltage that violates the load dump low voltage limit for MP2 facilities in this area. |
| 11/6/2010 | 11/06/2010 12:32 | 11/06/2010 14:20 | Emergency Procedures | PCLLRW of 16 MW in the Millville/SleepyHollow area of APS has been issued for Transmission Contingency Control. Additional Comments: Millville-OldChapel I/o Mt Storm #1 unit. Post Contingency switching is to open the MDT CB at Double Toll Gate |
| 11/6/2010 | 11/06/2010 15:10 | 11/06/2010 19:59 | Emergency Procedures | PCLLRW of 5mws MW in the Hooversville area of FE (PN) has been issued for Transmission Contingency Control. Additional Comments: Rachel Hill-Scalp Level f/o Claysburg-Curryville-Saxton |
| 11/7/2010 | 11/07/2010 19:11 | 11/07/2010 19:38 | Emergency Procedures | PCLLRW of 18 MW in the Millville-SleepyHollow area of APS has been issued for Transmission Contingency Control. Post Contingency switching to open Lovettsville cb at Doubs Additional Comments: PCLLRW 18mw Millville-Old Chapel I/o MtStorm-MtStorm2 Reason: Post Contingency Switching available |
| 11/8/2010 | 11/08/2010 11:03 | 11/08/2010 11:08 | Emergency Procedures | PCLLRW of 30 MW in the Lake Nelson area of PSEG has been issued for Transmission Contingency Control. Additional Comments: Bridgewater-Middlesex I/o Parlin-RedOak-Sayreville Reason: Generation - slow response |
| 11/10/2010 | 11/09/2010 12:34 | 11/10/2010 13:38 | Emergency Procedures | PCLLRW of 20 MW in the SCIPPO area of AEP has been issued for Transmission Contingency Control. Additional Comments: PCLLRW to correct MP2 post-contingency low voltages violating load dump limit on loss of Circleville-Scippo 138kV line. Reason: Load - no generation or switching available |
| 11/11/2010 | 11/11/2010 17:31 | 11/11/2010 19:12 | Emergency Procedures | PCLLRW of 2 MW in the Cecil area of DPL (Delmarva) has been issued for Transmission Contingency Control. Additional Comments: PCLLRW issued at 17:20 for Cecil-Colora (22074 Line) & Cecil-Glasgow (13810 Line) for L/O Peach Bottom-Rock Springs 5014 Line. Post Contingency switching: Open 80cb at Cecil station Reason: Post Contingency Switching available |

System Operations Subcommittee
PJM Operations Summary
December 2010 (for November 2010 Operations)

| | | | | |
|----------------------------|---------------------|---------------------|--------------------------------------|--|
| 11/18/2010 | 11/18/2010 11:39 | 11/18/2010 13:21 | Emergency Procedures | PCLLRW of 12 MW in the Columbia area of AEP has been issued for Transmission Contingency Control. Additional Comments: Post-Contingency switching is opening the Post Contingency Switching available |
| 11/19/2010 | 11/18/2010 23:12 | 11/19/2010 00:25 | Emergency Procedures | PCLLRW of 25 MW in the Glidden area of ComEd has been issued for Transmission Contingency Control. Additional Comments: 83Glidden 38L15627 I/o 15616 Cherry Valley-Silver Lake. Post Contingency switching open the 302/301 138 cb and the 2-3 34.5 tie CB at 146 Sandwich |
| 11/22/2010 | 11/22/2010 18:59 | 11/22/2010 20:42 | Emergency Procedures | PCLLRW of 29 MW in the Rockdale area of ComEd has been issued for Transmission Contingency Control. Additional Comments: This PCLLRW is to control post-contingency flow on 17113 line section into 194 Sabrooke. ComEd will open the Wempletown Transformer 84 post-contingency to relieve the overload. |
| 11/23/2010 | 11/23/2010 08:07 | 11/23/2010 13:26 | Emergency Procedures | PCLLRW of Switching Only 0 MW in the Wempletown area of ComEd has been issued for Transmission Contingency Control. Additional Comments: Post contingency switching only. Wempletown 138 kV Trans 84 and 17113 line on L/O 345 kV 0624 line Byron - Wempletown Reason: Post Contingency Switching available, Notes: No Generation available |
| 11/23/2010 | 11/23/2010 09:59 | 11/23/2010 15:19 | Emergency Procedures | PCLLRW of 40 MW in the Anthony - Reed - States St. - Trier area of AEP has been issued for Transmission Contingency Control. Additional Comments: Anthony Tap - Lincoln on L/O Robison Park - R. P. Mone 345 kV. - Post contingency switching available. |
| 11/24/2010 | 11/24/2010 09:53 | 11/24/2010 15:13 | Emergency Procedures | PCLLRW of 30 MW in the Westfall area of FE (PN) has been issued for Transmission Contingency Control. Additional Comments: voltage contingency @ Westfall LO Shawville unit#2 |
| 11/24/2010 | 11/24/2010 18:05 | 11/24/2010 19:30 | Emergency Procedures | PCLLRW of 25 MW in the inwood, gore, feagan's mill area of APS has been issued for Transmission Contingency Control. Additional Comments: Stephens-Stonewall I/o Doubs-Mt.Storm Post contingency switching open the OPS 3 cb at Stonewell, open the BMV3 cb at Millville and close the MVF cb at Millville. APS will also need to do 34.5 kv switching to help alleviate other contingencies |
| 11/25/2010 | 11/23/2010 00:12 | 11/25/2010 20:09 | Emergency Procedures | PCLLRW of 90 MW in the ENON area of APS has been issued for Transmission Contingency Control. Additional Comments: For built contingency 57550 Dutch Fork -Windsor [sectionalized] Special Non-Converged. Post contingency switching solution to dump 90mws of load at Enon station and defer to APS for underlying load to help. Reason: Load - no generation or switching available |
| 11/26/2010 | 11/26/2010 17:56 | 11/26/2010 21:03 | Emergency Procedures | PCLLRW of 10 MW in the Inwood, Gore area of APS has been issued for Transmission Contingency Control. Additional Comments: Stephens-Stonewall I/o Doubs-Mt.Storm. Post contingency switching is to open the sleepyhollow CB and close the Lovettsville CB at Millville and open the inwood CB at Stonewall. |
| 11/30/2010 | 11/29/2010 14:35 | 11/30/2010 07:32 | Emergency Procedures | PCLLRW of 15 MW in the Ruth area of AEP has been issued for Transmission Contingency Control. Additional Comments: Ruth - Turner 138kv line for the I/o Culloden - Wyoming 765kv line. No additional switching solutions are available at this time. Reason: Load - no generation or switching available |