
Xcel Energy South Control Center Daily Operations Report

Date: 1/28/2010

Out Time: In Time:
(Begin:) (End:)

- 1:41** Kress Interchange - Capacitor Bkr 9708 gas pressure low alarm. Tagged on SCADA to prevent from operating. Emailed sube to check Thursday morning.
- 1:59** Notified SPP Reliability that SPS CA in a Winter Storm watch. Ice and heavy snow.
- 3:30** Pecos Intg to Seven Rivers Intg K68 - Remote carrier alarm. Tested numerous times. Turned carriers off both ends. Tagged scada. Emailed Relay tech.
- 5:34** Deaf Smith Co Intg to Hereford East Intg T63 - Fault location 2.0 mile from Deaf Smith
Deaf Smith Bkr 5H55 O/C/O/C
NE Hereford 115/69 xmfr breaker 2F10 O/C/O
Tried to close 2F10 by Scada but timed out. 2F10 has a low operating pressure alarm.
Called out Sube.
06:55 sube reported 2F10 charging motor not working.
09:41 motor is bad will not be fixed today.
- 6:34 6:34** Cox Interchange to Plainview Y76 - breaker 3834 at Cox Int. feeding East Plainview and Plainview City Sub tripped and reclosed. Informed DDC.

Static found down East of Plainview City. TWR issued to secure 01/29/2010. Permanent repairs will be made later.
- 7:12 15:00** Bailey Co Interchange to Curry Co Interchange Z50 - O/C/O/C/O/C/O ice storm. Closed by SCADA and tripped. Feeds Muleshoe, West Muleshoe, Lariat, Bailey REC Lariat, and Deaf Smith REC No. 10. Informed DDC, Bailey Co REC, and Deaf Smith REC.
The problem a phase down west of switch 8764
08:13 opened SW 8764 and closed BKR 3860 at Bailey which picked up Muleshoe and West Muleshoe subs.
Sw 8729 and 8728 are frozen shut cannot open to pick up Deaf Smith Rec #10. They are trying to open switch 8729 so we can close sw 3718 to pick up Deaf Smith #10
08:45 Bailey Co has SW which feeds # 2 Lariat.

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- 7:12 8:14** Bailey Co Interchange - auto operation on bkr 3860 due to phase down at isolators located 1 mile west of sw 8764 on ckt Z50. Sube performed isolation switching to isolate faulted line section.
- 8:34 8:34** Briscoe to Lockney Rural Y96 - Scada showed one open and close on 8724 at Lockney Rural. Ice storm in the area. Informed DDC and Lighthouse REC.
- 8:38 8:38** Briscoe to Lockney Rural Y96 - Scada showed one open and close on 8724 at Lockney Rural. Ice storm in the area. Informed DDC and Lighthouse REC.
- 8:43 8:43** Briscoe to Lockney Rural Y96 - Scada showed O/C/O/C on 8724 at Lockney Rural. Ice storm in the area. Informed DDC and Lighthouse REC.
- 8:45 8:46** Briscoe to Lockney Rural Y96 - Scada showed one open and close on 8724 at Lockney Rural. Ice storm in the area. Informed DDC and Lighthouse REC.
- 8:46** Hale Co Interchange to Plainview/Tuco Intg Z18 - Tuco bkr N702 O/C/O/C/O/C/O locked out. Affects SPS and LEC Hale Center subs
Closed by SCADA at 1028 and tripped again.
- Received report that there are 15 structures down between TUCO and switch 3887 at Hale Center.
- 8:49** Briscoe to Lockney Rural Y96 - Scada showed bkr 8724 at Lockney Rural lock opened. Ice storm in the area. Informed DDC and Lighthouse REC.
- 11:03 Closed 8724 by SCADA.
11:05 Tripped again.
14:05 Closed 8724 by SCADA per Lighthouse REC request
14:07 Tripped again. Lighthouse REC notified
- 9:00 9:00** Portales Intg - bkr 4F125 tripped and reclosed

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9:21 13:51 Lamton Interchange to Plant X Sta T28 - Bkr 7H85 at Lamton O/C/O/C/O, Plant X bkr X927 and X941 opened. Outaged Lamb Co REC South Olton sub 0928 Closed 7H85 by SCADA to test line. Breaker tripped. Patrolman found Static Down. Cleared it up.

13:51 Closed 7H85
13:52 Closed X927 and X941

9:21 9:28 Hale Co Interchange to Kress Interchange V72 - Kress bkr 8932 O/C/O. Closed by SCADA at 09:28

Possible mis-operation for fault on Lamton to Plant X line at same time.

9:28 9:28 Hale Co Interchange to Kress Interchange V72 BKR 8932 O/C when tested Lamton to Plant X line from Lamton at 0928. Possible mis-operation.

09:28 Received Station Breaker LOP alarm.
09:41 alarm cleared.

9:37 9:37 Kress Interchange - bkr 9726 looking at Swisher REC west ckt O/C/O/C

9:37 9:38 Kress Interchange - bkr 9726 looking at Swisher REC west ckt O/C/O/C

9:38 9:38 Portales Intg - auto operation bkr 4F125

9:38 9:39 Portales Intg - breaker 4F125 looking at Roosevelt REC ckt O/C/O/C

9:39 9:40 Kress Interchange 9726 looking at Swisher REC west ckt O/C/O/C/O/C

9:40 9:40 Portales Interchange breaker 4F125 looking at Roosevelt REC O/C/O/C

9:44 9:44 Happy Interchange breaker 3798 looking at Swisher REC East ckt O/C

Xcel Energy South Control Center Daily Operations Report

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9:46	9:46	Kress Interchange breaker 9726 looking at Swisher REC west ckt O/C/OC
9:49	9:51	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O. Closed by SCADA
9:54	9:54	Kress Interchange breaker 9726 looking at Swisher REC west circuit O/C/O/C
9:57		Carrier off on Cole to Perryton.
9:57	9:57	Happy Interchange breaker 3798 looking at Swisher REC East ckt. O/C
9:57	9:58	Kress Interchange breaker 9726 looking at Swisher REC West ckt O/C/O/C
9:59	9:59	Kress Interchange breaker 9726 looking at Swisher REC west ckt O/C/O/C
10:00	13:34	South Floydada Breaker 8801 looking at Lighthouse REC circuit locked out. No SCADA there. Reported by Lighthouse at 11:25. Manually updated breaker status in SCADA.
10:01	10:01	Kress Interchange breaker 9726 looking at Swisher REC west ckt O/C/O/C
10:02	10:02	Kress Interchange breaker 9726 looking at Swisher REC west ckt O/C/O/C
10:06	15:07	Kress Interchange breaker 9726 looking at Swisher REC west ckt O/C/O/C/O Left open to avoid repeated fault operations 15:07 Closed by SCADA per Swisher REC 15:08 O/C/O/C notified Swisher REC of operations
10:11	10:11	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C

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10:14	10:23	Crosby Co Interchange breaker 7820 looking at South Plains REC O/C/O/C/O/C/O Locked out. Closed by SCADA at 1023
10:17	10:18	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
10:23	10:24	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:03	11:03	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:07	11:07	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C
11:28	11:28	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:32	11:33	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:34	12:58	Grapevine Interchange breaker 2K70 tripped. Elk City end didn't open. Dispatched sube to Grapevine 12:58 reset lock out and closed BKR 2K70.
11:36		Portales Interchange Bkr 4F125 has operated numerous times. Notified Roosevelt REC that the recloser will be turned off and the next operation will stay open. Recloser turned off via SCADA at 115246 Bkr 4F125 opened @ 1153. Will wait for Roosevelt REC to notify us when trouble is found.
11:37	11:38	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:40	11:40	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C

Xcel Energy South Control Center Daily Operations Report

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11:41	11:42	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:43	11:43	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:46	11:46	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:48	11:48	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C
11:51	11:51	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C
11:52	11:53	Portales Interchange breaker 4F125 looking at Roosevelt REC ckt O/C/O/C Turned recloser off by SCADA at 11:52:46
13:17	15:00	Bailey Co Interchange from open sw 8764 and sw 8728 to repair down phase.
13:19		Kress Interchange - Swisher REC requested we try 9726 that feeds their west ckt Closed by SCADA. It did not stay closed. Informed Swisher REC. Tried to close 9726 by supervisory at 2031 and it didn't hold.
13:19	13:19	Hale Co Interchange - Bkr 3903 operated one time and closed back auto at the same time 9726 was closed at Kress. The other end, 8932 at Kress, did not operate. Possible mis- operation
13:42	14:18	Grapevine Interchange BKR 2K70 opened. 14:17 reset lockout 14:18 closed BKR 2K70 and it held.
14:44		Grapevine Interchange BKR 2K70 open Grapevine reset lock out and closed BKR 2K70
15:00	15:45	Carriers tested

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- 15:08 15:08 Kress Interchange breaker 9726 looking at Swisher REC west ckt O/C/O/C/O
Left open to avoid repeated fault operations
- 15:39 15:40 Lamb Co Interchange to Tuco Interchange Y79 69 KV breaker N706 operated O/C/O/C/O/C. Storms in the area.
- 15:48 16:10 Lamb Co Interchange to Tuco Interchange Y79 69 KV breaker N706 at Tuco operated O/C/O/C/O/C/O then was closed by supervisory at 16:10 and held.
- 15:49 Grapevine Interchange the transfer trip has been turned off on BKR 2K70 with permission from PSO.
- 15:57 Kress Interchange BKR 9726 opened and had several operations.
Talked to Swisher Electric and they do not want to close this BKR 9726 at this. Tried to close 9726 at 20:31 and it did not hold.
- 15:57 Kress Interchange BKR 9722 opened and several operations.
Talked to Swisher Electric and the do not want to close BKR 9722 at this time. Tried to close 9722 by supervisory and it did not hold.
- 16:17 16:22 Lamb Co Interchange to Tuco Interchange Y79 69 KV breaker N706 at Tuco operated O/C/O/C/O/C/O. Was closed by supervisory and held at 16:22.
- 16:30 Canyon West to Osage Sw Sta V05 BKR 5915 opened tried to close BKR twice and would not close.
Sube tried to close Bkr 5915 will not close has a stuck valve in side the bkr. Will try to work on it tomorrow.
- 16:30 19:24 Lamb Co Interchange to Tuco Interchange Y79 Tuco 69 KV breaker N706 operated O/C/O/C/O/C/OC/O and was left open.
Line patrol in process. Tried to close by supervisory at 17:44 and it tripped. Breaker closed by supervisory and held at 19:24
- 17:23 20:29 Happy Interchange BKR 3765 opened tried to close it did not hold. Closed by supervisory it held.

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18:00 **Hale Co Interchange to Plainview/Tuco Intg Z18**
TWR established to cut jumpers to isolate from Tuco to sw
3887

18:03 **18:11** **Lamb Co Interchange to Tuco Interchange Y79 Lamb Co.**
breaker 3842 operated O/C/O/C/O/C/O. Tried by supervisory at
1810 and it tripped and closed and opened and closed and
stayed at 18:11.

18:43 **18:44** **Briscoe to Lockney Rural Y96 69 KV breaker at Lockney**
Rural operated O/C/O/C.

19:06 **19:44** **Carriers tested**

19:09 **19:42** **Floyd Co Interchange to South Floydada Z38**
Opened 69 kv bkr 8871 to change out fuse. High side switch
frozen and inoperable
One non-fault operation for distribution to refuse 69/23 kv trans

19:11 **19:11** **Briscoe to Lockney Rural Y96 69 KV breaker 8724 at Lockney**
Rural opened and reclosed.

19:15 **19:17** **Kress Interchange to Plainview Y75 69 KV breaker 9718 at**
Kress operated O/C/O/C/O/C/O/C

19:29 **21:52** **Lamb Co Interchange to Tuco Interchange Y79 Tuco 69 KV**
breaker N706 operated O/C/O/C/O/C/O.
SPEC found a fault on their County Line line. SPEC County
Line has been cut in the clear.

19:30 **19:30** **Briscoe to Lockney Rural Y96 69 KV breaker 8724 at Lockney**
operated O/C/O/C/

19:49 **19:49** **Briscoe to Lockney Rural Y96 69 KV breaker 8724 at Lockney**
Rural operated O/C/O/C.

20:26 **20:27** **Briscoe to Lockney Rural Y96 69 KV breaker 8724 operated**
O/C/O/C/O/C.

20:42 **20:42** **Kress Interchange to Plainview Y75**
69kv bkr 9718 O/C/O/C

21:00 **21:33** **Carriers tested**

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21:20 21:20 Briscoe to Lockney Rural Y96 69 KV breaker 8724 at Lockney operated O/C/O/C.

21:55 Wilson REC Tap Breaker Station - Closed 69KV BKR 8789 for Lighthouse REC. It held for @ 2 minutes and locked out. The REC personnel said they would call back tomorrow and have us try the BKR again.

21:58 23:07 Hale Co Interchange to Plainview/Tuco Intg Z18 TWR established jumpers to by- pass Sw 3890

All lights back on @ 2231.

22:45 23:19 Tuco Interchange to Oklaunion (PSO) J01 - All breakers at Oklaunion opened up.
SPP RC called for import limits of 165.
Posted Ops 1
Posted Oati Oasis
Oklaunion Bkr 3409 closed.
23:27 Released import limit back to normal 594

22:51 22:51 Briscoe to Lockney Rural Y96 - Bkr. 8724 O/C. One operation. Snow and wind in the area. Affected Lighthouse REC'S - Lone Star, Silverton, South Plains, Cedar Hill, and our Briscoe Sub.

23:31 23:32 Briscoe to Lockney Rural Y96 - Bkr. 8724 O/C/O/C/O. Three operation's. Brk. Locked out. Snow and wind in the area. Affected Lighthouse REC'S - Lone Star, Silverton, South Plains, Cedar Hill, and our Briscoe Sub.

Closed Bkr. 8724 and it stayed closed @ 2332.