

Minnesota Reliability Exclusion Report
January-December 2009, Internal Normalization
Transmission Level Cause Codes

Cause	No. of Events	No. of Customers Affected	Customer Minutes
Breaker Failure Oil Circuit Bkr	2	1,081	905,878
Conductor Contact - Galloping	6	1,791	94,779
Connector Failure Auto Splice	2	303	12,462
Connector Failure Compr Sleeve	16	7,984	516,901
Insulator Glass/Porc Deadend	7	2,942	50,014
Intentional Clear for Construct	1	1	524
Lightning Strike	1	1,754	77,176
Local Catastrophe	2	3,111	329,766
Other Utility	16	7,963	263,706
Pole Broken / Good condition	5	2,639	358,820
Pole Fire	3	1,631	110,995
Public Damage Non-Xcel Tree Trim	3	3,078	193,914
Relay Failure	11	12,053	1,736,920
Switch OH Gang Operated	1	263	3,945
Unknown Cause Not Determined	2	1,499	83,944
Total Transmission Level	78	48,093	4,739,744

Note: Customer Minutes values are with out taking credit for partial restoration savings.

Outage Mon Num	(All)
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Cause	Data	
	Sum of Count Outage	Sum of Customers Premise
Breaker Failure Oil Circuit Bkr	2	1081
Conductor Contact - Galloping	6	1791
Connector Failure Auto Splice	2	303
Connector Failure Compr Sleeve	16	7984
Insulator Glass/Porc Deadend	7	2942
Intentional Clear for Construct	1	1
Lightning Strike	1	1754
Local Catastrophe	2	3111
Other Utility	16	7963
Pole Broken / Good condition	5	2639
Pole Fire	3	1631
Public Damage Non-Xcel Tree Trim	3	3078
Relay Failure	11	12053
Switch OH Gang Operated	1	263
Unknown Cause Not Determined	2	1499
Grand Total	78	48093

Sum of Cust Mins Premise Nostep
905878
94779
12462
516901
50014
524
77176
329766
263706
358820
110995
193914
1736920
3945
83944
4739744

Area Office	Begin Time	Cause	Completion Time
43_Mankato_SE	4/25/2009 4:48	Pole Fire	4/25/2009 6:27
43_Mankato_SE	4/25/2009 4:48	Pole Fire	4/25/2009 5:03
43_Mankato_SE	4/25/2009 4:48	Pole Fire	4/25/2009 5:03
64_Albany_NT	5/14/2009 16:44	Switch OH Gang Operated	5/14/2009 16:59
64_Albany_NT	5/14/2009 16:44	Switch OH Gang Operated	5/14/2009 16:59
64_Albany_NT	5/14/2009 16:44	Switch OH Gang Operated	5/14/2009 16:59
64_Albany_NT	5/14/2009 16:44	Switch OH Gang Operated	5/14/2009 16:59
64_Albany_NT	5/14/2009 16:44	Switch OH Gang Operated	5/14/2009 16:59
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
71_Wood_Lake_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
71_Wood_Lake_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
97_Montivideo_NT	5/15/2009 14:44	Insulator Glass/Porc Deadend	5/15/2009 15:01
64_Albany_NT	5/29/2009 7:24	Intentional Clear for Construct	5/29/2009 16:08
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 22:15
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 22:15
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
64_Albany_NT	6/6/2009 14:45	Pole Broken / Good condition	6/6/2009 14:54
19_Minnetonka_MV	6/6/2009 16:58	Pole Broken / Good condition	6/6/2009 19:13
19_Minnetonka_MV	6/6/2009 16:58	Pole Broken / Good condition	6/6/2009 19:13
19_Minnetonka_MV	6/6/2009 16:58	Pole Broken / Good condition	6/6/2009 19:13

Area Office	Begin Time	Cause	Completion Time
65_Glenwood_NT	8/27/2009 13:51	Other Utility	8/27/2009 14:14
65_Glenwood_NT	8/27/2009 13:51	Other Utility	8/27/2009 14:14
65_Glenwood_NT	8/27/2009 13:51	Other Utility	8/27/2009 14:14
65_Glenwood_NT	8/27/2009 13:51	Other Utility	8/27/2009 14:14
65_Glenwood_NT	8/27/2009 13:51	Other Utility	8/27/2009 14:14
65_Glenwood_NT	8/27/2009 13:51	Other Utility	8/27/2009 14:14
65_Glenwood_NT	8/27/2009 13:51	Other Utility	8/27/2009 14:14
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 14:37
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 13:54
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 13:54
43_Mankato_SE	9/17/2009 13:33	Other Utility	9/17/2009 13:54
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
62_Rice_Street_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
62_Rice_Street_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
62_Rice_Street_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
12_Newport_ME	10/16/2009 11:33	Relay Failure	10/16/2009 14:13

Area Office	Begin Time	Cause	Completion Time
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 14:13
62_Rice_Street_ME	10/16/2009 11:33	Relay Failure	10/16/2009 13:03
14WhiteBearLake_I	10/16/2009 11:33	Relay Failure	10/16/2009 13:03
14WhiteBearLake_I	10/16/2009 11:43	Relay Failure	10/16/2009 14:13
14WhiteBearLake_I	10/16/2009 11:43	Relay Failure	10/16/2009 14:13
09_St__Cloud_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 18:07
64_Albany_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 18:07
09_St__Cloud_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 18:07
09_St__Cloud_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 18:07
09_St__Cloud_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 18:07
09_St__Cloud_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 18:07
64_Albany_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 17:40
64_Albany_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 17:40
64_Albany_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 17:40
64_Albany_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 17:40
64_Albany_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 17:40
64_Albany_NT	10/17/2009 16:43	Connector Failure Compr Sleev	10/17/2009 17:40
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
67_Howard_Lake_I	11/27/2009 11:36	Public Damage Non-Xcel Tree	11/27/2009 12:39
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:41
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:41
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:41
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:41
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:41
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:11
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:11
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:11
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:11
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:11
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:11
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 11:11
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 10:52
SIOUX_FALLS_SD	12/23/2009 10:37	Other Utility	12/23/2009 10:52

Area Office	Begin Time	Cause	Completion Time
SIOUX_FALLS_SD	12/24/2009 14:03	Conductor Contact - Galloping	12/24/2009 15:09
SIOUX_FALLS_SD	12/24/2009 14:03	Conductor Contact - Galloping	12/24/2009 15:09
SIOUX_FALLS_SD	12/24/2009 14:03	Conductor Contact - Galloping	12/24/2009 15:09
SIOUX_FALLS_SD	12/24/2009 14:03	Conductor Contact - Galloping	12/24/2009 15:09
SIOUX_FALLS_SD	12/24/2009 14:03	Conductor Contact - Galloping	12/24/2009 15:09
SIOUX_FALLS_SD	12/24/2009 14:03	Conductor Contact - Galloping	12/24/2009 14:47
SIOUX_FALLS_SD	12/24/2009 14:03	Conductor Contact - Galloping	12/24/2009 14:47
SIOUX_FALLS_SD	12/24/2009 16:43	Breaker Failure Oil Circuit Bkr	12/25/2009 6:41
SIOUX_FALLS_SD	12/24/2009 16:43	Breaker Failure Oil Circuit Bkr	12/25/2009 6:41
SIOUX_FALLS_SD	12/24/2009 16:43	Conductor Contact - Galloping	12/24/2009 17:50
SIOUX_FALLS_SD	12/24/2009 16:43	Conductor Contact - Galloping	12/24/2009 17:50
SIOUX_FALLS_SD	12/24/2009 16:43	Conductor Contact - Galloping	12/24/2009 17:50
SIOUX_FALLS_SD	12/24/2009 16:43	Conductor Contact - Galloping	12/24/2009 17:50
SIOUX_FALLS_SD	12/24/2009 16:43	Conductor Contact - Galloping	12/24/2009 17:50

Completion Time Nostep	Count Outage	Customers Out	Customers Premise
1/25/2009 18:07	1	24	16
1/25/2009 18:07	0	150	127
1/25/2009 18:07	1	293	235
1/25/2009 18:07	0	117	106
1/25/2009 18:07	1	621	589
1/25/2009 18:07	0	616	533
1/25/2009 18:07	0	16	15
1/25/2009 18:07	1	20	19
1/25/2009 18:07	1	630	509
1/25/2009 18:07	0	25	20
1/25/2009 18:07	0	67	67
1/28/2009 10:52	0	13	9
1/28/2009 10:52	1	36	34
1/28/2009 10:37	0	98	72
1/28/2009 10:37	0	18	17
1/28/2009 10:37	1	174	169
1/28/2009 10:37	0	2	2
2/16/2009 7:27	0	773	647
2/16/2009 7:27	1	65	51
2/16/2009 7:27	0	231	205
2/16/2009 7:27	0	354	348
2/16/2009 7:27	0	19	16
2/26/2009 4:17	1	20	19
2/26/2009 3:39	1	294	235
2/26/2009 3:39	1	24	16
2/26/2009 3:39	0	150	127
2/26/2009 3:39	0	117	106
2/26/2009 3:39	1	632	511
2/26/2009 2:59	0	25	20
2/26/2009 2:59	0	615	533
2/26/2009 2:59	0	16	15
2/26/2009 2:59	0	67	67
2/26/2009 2:59	1	621	589
4/19/2009 8:17	1	431	372
4/19/2009 8:17	0	4	4
4/19/2009 8:17	0	27	27
4/25/2009 6:27	1	800	698
4/25/2009 6:27	0	2	2
4/25/2009 6:27	0	66	60
4/25/2009 6:27	0	7	7
4/25/2009 6:27	0	92	84
4/25/2009 6:27	0	17	14

Completion Time Nostep	Count Outage	Customers Out	Customers Premise
4/25/2009 6:27	0	2	2
4/25/2009 5:03	1	383	352
4/25/2009 5:03	0	12	9
5/14/2009 16:59	0	4	4
5/14/2009 16:59	1	126	122
5/14/2009 16:59	0	1	1
5/14/2009 16:59	0	74	69
5/14/2009 16:59	0	81	67
5/15/2009 15:01	1	293	155
5/15/2009 15:01	0	89	76
5/15/2009 15:01	1	248	244
5/15/2009 15:01	0	126	114
5/15/2009 15:01	0	48	44
5/15/2009 15:01	0	64	53
5/15/2009 15:01	0	7	6
5/15/2009 15:01	1	276	243
5/15/2009 15:01	0	62	53
5/15/2009 15:01	0	77	63
5/15/2009 15:01	0	2	2
5/15/2009 15:01	0	26	23
5/15/2009 15:01	1	290	190
5/15/2009 15:01	0	40	39
5/15/2009 15:01	1	188	180
5/15/2009 15:01	0	48	47
5/15/2009 15:01	1	705	646
5/15/2009 15:01	0	35	31
5/15/2009 15:01	1	856	733
5/29/2009 16:08	1	1	1
6/6/2009 22:15	0	64	63
6/6/2009 22:15	1	278	237
6/6/2009 14:54	1	306	263
6/6/2009 14:54	0	155	152
6/6/2009 14:54	0	165	156
6/6/2009 14:54	0	3	3
6/6/2009 14:54	0	390	279
6/6/2009 14:54	1	583	492
6/6/2009 14:54	0	98	95
6/6/2009 14:54	0	146	142
6/6/2009 14:54	0	215	177
6/7/2009 1:42	0	172	163
6/7/2009 1:42	1	178	165
6/7/2009 1:42	0	5	5

Completion Time Nostep	Count Outage	Customers Out	Customers Premise
6/7/2009 1:42	0	15	13
6/7/2009 1:42	0	2	2
6/7/2009 1:42	0	4	4
6/7/2009 1:42	0	20	19
6/6/2009 18:03	1	225	209
6/14/2009 11:19	1	895	718
6/14/2009 11:19	0	181	178
6/14/2009 11:19	0	2	2
6/14/2009 11:19	0	31	28
6/14/2009 11:19	1	337	273
6/14/2009 11:19	0	17	16
6/14/2009 11:19	0	220	211
6/14/2009 11:19	0	83	73
6/17/2009 20:17	0	18	14
6/17/2009 20:17	1	332	305
6/17/2009 20:17	0	77	68
6/17/2009 20:17	0	47	45
8/3/2009 0:50	0	59	54
8/3/2009 0:50	1	1676	1477
8/3/2009 0:50	0	4	4
8/3/2009 0:50	0	245	219
8/8/2009 22:21	0	272	78
8/8/2009 22:21	0	101	97
8/8/2009 22:21	1	1791	1580
8/8/2009 22:21	0	248	231
8/8/2009 22:21	0	129	125
8/8/2009 22:21	1	838	235
8/8/2009 22:21	0	738	698
8/8/2009 22:21	0	98	67
8/11/2009 17:42	0	23	21
8/11/2009 17:42	1	557	429
8/27/2009 14:14	1	38	37
8/27/2009 14:14	1	641	445
8/27/2009 14:14	0	132	123
8/27/2009 14:14	0	7	7
8/27/2009 14:14	0	175	165
8/27/2009 14:14	0	56	51
8/27/2009 14:14	0	14	14
8/27/2009 14:14	0	242	198
8/27/2009 14:14	0	3	3
8/27/2009 14:14	0	26	24
8/27/2009 14:14	0	441	391

Completion Time Nostep	Count Outage	Customers Out	Customers Premise
8/27/2009 14:14	1	768	640
8/27/2009 14:14	0	10	9
8/27/2009 14:14	0	12	12
8/27/2009 14:14	0	2	2
8/27/2009 14:14	0	291	278
8/27/2009 14:14	0	20	15
8/27/2009 14:14	1	859	773
9/17/2009 14:37	1	380	348
9/17/2009 14:37	0	12	9
9/17/2009 14:37	0	92	84
9/17/2009 14:37	1	802	700
9/17/2009 14:37	0	2	2
9/17/2009 14:37	0	17	14
9/17/2009 14:37	0	7	7
9/17/2009 14:37	0	2	2
9/17/2009 14:37	0	68	60
9/17/2009 13:54	0	18	14
9/17/2009 13:54	1	332	305
9/17/2009 13:54	0	77	67
9/17/2009 13:54	0	47	45
10/16/2009 14:13	1	1747	961
10/16/2009 14:13	0	501	181
10/16/2009 14:13	0	524	411
10/16/2009 14:13	0	78	42
10/16/2009 14:13	0	340	339
10/16/2009 14:13	0	1	1
10/16/2009 14:13	0	13	13
10/16/2009 14:13	0	402	310
10/16/2009 14:13	1	2	1
10/16/2009 14:13	1	1	1
10/16/2009 14:13	0	1	1
10/16/2009 14:13	0	934	668
10/16/2009 14:13	1	792	547
10/16/2009 14:13	0	391	305
10/16/2009 14:13	0	78	42
10/16/2009 14:13	0	340	339
10/16/2009 14:13	1	2210	1685
10/16/2009 14:13	1	1	1
10/16/2009 14:13	1	1	1
10/16/2009 14:13	1	1918	1072
10/16/2009 14:13	1	2477	881
10/16/2009 14:13	0	501	181

Completion Time Nostep	Count Outage	Customers Out	Customers Premise
10/16/2009 14:13	0	524	411
10/16/2009 14:13	0	13	13
10/16/2009 13:03	1	3370	2539
10/16/2009 13:03	0	237	46
10/16/2009 14:13	1	790	694
10/16/2009 14:13	0	460	367
10/17/2009 18:07	1	22	15
10/17/2009 18:07	1	21	20
10/17/2009 18:07	0	152	128
10/17/2009 18:07	1	290	234
10/17/2009 18:07	0	116	105
10/17/2009 18:07	1	626	507
10/17/2009 17:40	0	26	20
10/17/2009 17:40	0	16	15
10/17/2009 17:40	0	68	68
10/17/2009 17:40	1	631	597
10/17/2009 17:40	0	616	534
11/27/2009 12:39	1	432	382
11/27/2009 12:39	0	13	12
11/27/2009 12:39	0	90	78
11/27/2009 12:39	0	2	2
11/27/2009 12:39	0	3	3
11/27/2009 12:39	0	61	52
11/27/2009 12:39	0	463	418
11/27/2009 12:39	0	240	229
11/27/2009 12:39	0	236	132
11/27/2009 12:39	0	53	43
11/27/2009 12:39	1	836	626
11/27/2009 12:39	1	1197	981
11/27/2009 12:39	0	128	120
12/23/2009 11:41	1	167	164
12/23/2009 11:41	0	1	1
12/23/2009 11:41	0	3	3
12/23/2009 11:41	1	121	116
12/23/2009 11:41	0	75	71
12/23/2009 11:11	0	5	4
12/23/2009 11:11	1	170	163
12/23/2009 11:11	0	9	6
12/23/2009 11:11	1	41	38
12/23/2009 11:11	1	661	591
12/23/2009 10:52	1	760	687
12/23/2009 10:52	1	462	393

Completion Time Nostep	Count Outage	Customers Out	Customers Premise
12/24/2009 15:09	0	3	3
12/24/2009 15:09	1	121	116
12/24/2009 15:09	0	1	1
12/24/2009 15:09	0	75	71
12/24/2009 15:09	1	167	164
12/24/2009 14:47	1	463	394
12/24/2009 14:47	1	760	687
12/25/2009 6:41	1	760	687
12/25/2009 6:41	1	463	394
12/24/2009 17:50	1	167	164
12/24/2009 17:50	0	1	1
12/24/2009 17:50	0	75	71
12/24/2009 17:50	0	3	3
12/24/2009 17:50	1	121	116

Cust Mins Ces Actual	Cust Mins Ces Nostep	Cust Mins Premise Actual
912	912	608
5700	5700	4826
11134	11134	8930
4446	4446	4028
23598	23598	22382
23408	23408	20254
608	608	570
760	760	722
23940	23940	19342
950	950	760
2546	2546	2546
702	702	486
1944	1944	1836
3822	3822	2808
702	702	663
6786	6786	6591
78	78	78
67251	67251	56289
5655	5655	4437
20097	20097	17835
30798	30798	30276
1653	1653	1392
2680	2680	2546
28224	28224	22560
2304	2304	1536
14400	14400	12192
11232	11232	10176
60672	60672	49056
1400	1400	1120
34440	34440	29848
896	896	840
3752	3752	3752
34776	34776	32984
21119	21119	18228
196	196	196
1323	1323	1323
79200	79200	69102
198	198	198
6534	6534	5940
693	693	693
9108	9108	8316
1683	1683	1386

Cust Mins Ces Actual	Cust Mins Ces Nostep	Cust Mins Premise Actual
198	198	198
5745	5745	5280
180	180	135
60	60	60
1890	1890	1830
15	15	15
1110	1110	1035
1215	1215	1005
4981	4981	2635
1513	1513	1292
4216	4216	4148
2142	2142	1938
816	816	748
1088	1088	901
119	119	102
4692	4692	4131
1054	1054	901
1309	1309	1071
34	34	34
442	442	391
4930	4930	3230
680	680	663
3196	3196	3060
816	816	799
11985	11985	10982
595	595	527
14552	14552	12461
524	524	524
28800	28800	28350
125100	125100	106650
2754	2754	2367
1395	1395	1368
1485	1485	1404
27	27	27
3510	3510	2511
5247	5247	4428
882	882	855
1314	1314	1278
1935	1935	1593
23220	90128	22005
24030	93272	22275
675	2620	675

Cust Mins Ces Actual	Cust Mins Ces Nostep	Cust Mins Premise Actual
2025	7860	1755
270	1048	270
2096	2096	2096
10480	10480	9956
14625	14625	13585
50120	50120	40208
10136	10136	9968
112	112	112
1736	1736	1568
18872	18872	15288
952	952	896
12320	12320	11816
4648	4648	4088
198	198	154
3652	3652	3355
847	847	748
517	517	495
2596	2596	2376
73744	73744	64988
176	176	176
10780	10780	9636
28832	28832	8268
10706	10706	10282
189846	189846	167480
26288	26288	24486
13674	13674	13250
88828	88828	24910
78228	78228	73988
10388	10388	7102
1633	1633	1491
39547	39547	30459
874	874	851
14743	14743	10235
3036	3036	2829
161	161	161
4025	4025	3795
1288	1288	1173
322	322	322
5566	5566	4554
69	69	69
598	598	552
10143	10143	8993

Cust Mins Ces Actual	Cust Mins Ces Nostep	Cust Mins Premise Actual
17664	17664	14720
230	230	207
276	276	276
46	46	46
6693	6693	6394
460	460	345
19757	19757	17779
24320	24320	22272
768	768	576
5888	5888	5376
51328	51328	44800
128	128	128
1088	1088	896
448	448	448
128	128	128
4352	4352	3840
378	378	294
6972	6972	6405
1617	1617	1407
987	987	945
279520	279520	153760
80160	80160	28960
83840	83840	65760
12480	12480	6720
54400	54400	54240
160	160	160
2080	2080	2080
64320	64320	49600
320	320	160
160	160	160
160	160	160
149440	149440	106880
126720	126720	87520
62560	62560	48800
12480	12480	6720
54400	54400	54240
353600	353600	269600
160	160	160
160	160	160
306880	306880	171520
396320	396320	140960
80160	80160	28960

Cust Mins Ces Actual	Cust Mins Ces Nostep	Cust Mins Premise Actual
83840	83840	65760
2080	2080	2080
303300	303300	228510
21330	21330	4140
118500	118500	104100
69000	69000	55050
1848	1848	1260
1764	1764	1680
12768	12768	10752
24360	24360	19656
9744	9744	8820
52584	52584	42588
1482	1482	1140
912	912	855
3876	3876	3876
35967	35967	34029
35112	35112	30438
27216	27216	24066
819	819	756
5670	5670	4914
126	126	126
189	189	189
3843	3843	3276
29169	29169	26334
15120	15120	14427
14868	14868	8316
3339	3339	2709
52668	52668	39438
75411	75411	61803
8064	8064	7560
10688	10688	10496
64	64	64
192	192	192
7744	7744	7424
4800	4800	4544
170	170	136
5780	5780	5542
306	306	204
1394	1394	1292
22474	22474	20094
11400	11400	10305
6930	6930	5895

Cust Mins Ces Actual	Cust Mins Ces Nostep	Cust Mins Premise Actual
198	198	198
7986	7986	7656
66	66	66
4950	4950	4686
11022	11022	10824
20372	20372	17336
33440	33440	30228
636880	636880	575706
387994	387994	330172
11189	11189	10988
67	67	67
5025	5025	4757
201	201	201
8107	8107	7772

Cust Mins	Premise	Nostep	Duration Actual Minutes	Duration Flag	Duration Nostep Minutes
		608	38	S	38
		4826	38	S	38
		8930	38	S	38
		4028	38	S	38
		22382	38	S	38
		20254	38	S	38
		570	38	S	38
		722	38	S	38
		19342	38	S	38
		760	38	S	38
		2546	38	S	38
		486	54	S	54
		1836	54	S	54
		2808	39	S	39
		663	39	S	39
		6591	39	S	39
		78	39	S	39
		56289	87	S	87
		4437	87	S	87
		17835	87	S	87
		30276	87	S	87
		1392	87	S	87
		2546	134	S	134
		22560	96	S	96
		1536	96	S	96
		12192	96	S	96
		10176	96	S	96
		49056	96	S	96
		1120	56	S	56
		29848	56	S	56
		840	56	S	56
		3752	56	S	56
		32984	56	S	56
		18228	49	S	49
		196	49	S	49
		1323	49	S	49
		69102	99	S	99
		198	99	S	99
		5940	99	S	99
		693	99	S	99
		8316	99	S	99
		1386	99	S	99

Cust Mins	Premise Nostep	Duration Actual Minutes	Duration Flag	Duration Nostep Minutes
	198	99	S	99
	5280	15	S	15
	135	15	S	15
	60	15	S	15
	1830	15	S	15
	15	15	S	15
	1035	15	S	15
	1005	15	S	15
	2635	17	S	17
	1292	17	S	17
	4148	17	S	17
	1938	17	S	17
	748	17	S	17
	901	17	S	17
	102	17	S	17
	4131	17	S	17
	901	17	S	17
	1071	17	S	17
	34	17	S	17
	391	17	S	17
	3230	17	S	17
	663	17	S	17
	3060	17	S	17
	799	17	S	17
	10982	17	S	17
	527	17	S	17
	12461	17	S	17
	524	524	S	524
	28350	450	S	450
	106650	450	S	450
	2367	9	S	9
	1368	9	S	9
	1404	9	S	9
	27	9	S	9
	2511	9	S	9
	4428	9	S	9
	855	9	S	9
	1278	9	S	9
	1593	9	S	9
	85412	135	S	524
	86460	135	S	524
	2620	135	S	524

Cust Mins	Premise	Nostep	Duration Actual Minutes	Duration Flag	Duration Nostep Minutes
6812			135	S	524
1048			135	S	524
2096			524	S	524
9956			524	S	524
13585			65	S	65
40208			56	S	56
9968			56	S	56
112			56	S	56
1568			56	S	56
15288			56	S	56
896			56	S	56
11816			56	S	56
4088			56	S	56
154			11	S	11
3355			11	S	11
748			11	S	11
495			11	S	11
2376			44	S	44
64988			44	S	44
176			44	S	44
9636			44	S	44
8268			106	S	106
10282			106	S	106
167480			106	S	106
24486			106	S	106
13250			106	S	106
24910			106	S	106
73988			106	S	106
7102			106	S	106
1491			71	S	71
30459			71	S	71
851			23	S	23
10235			23	S	23
2829			23	S	23
161			23	S	23
3795			23	S	23
1173			23	S	23
322			23	S	23
4554			23	S	23
69			23	S	23
552			23	S	23
8993			23	S	23

Cust Mins	Premise Nostep	Duration Actual Minutes	Duration Flag	Duration Nostep Minutes
	14720	23	S	23
	207	23	S	23
	276	23	S	23
	46	23	S	23
	6394	23	S	23
	345	23	S	23
	17779	23	S	23
	22272	64	S	64
	576	64	S	64
	5376	64	S	64
	44800	64	S	64
	128	64	S	64
	896	64	S	64
	448	64	S	64
	128	64	S	64
	3840	64	S	64
	294	21	S	21
	6405	21	S	21
	1407	21	S	21
	945	21	S	21
	153760	160	S	160
	28960	160	S	160
	65760	160	S	160
	6720	160	S	160
	54240	160	S	160
	160	160	S	160
	2080	160	S	160
	49600	160	S	160
	160	160	S	160
	160	160	S	160
	160	160	S	160
	106880	160	S	160
	87520	160	S	160
	48800	160	S	160
	6720	160	S	160
	54240	160	S	160
	269600	160	S	160
	160	160	S	160
	160	160	S	160
	171520	160	S	160
	140960	160	S	160
	28960	160	S	160

Cust Mins	Premise	Nostep	Duration Actual Minutes	Duration Flag	Duration Nostep Minutes
65760			160	S	160
2080			160	S	160
228510			90	S	90
4140			90	S	90
104100			150	S	150
55050			150	S	150
1260			84	S	84
1680			84	S	84
10752			84	S	84
19656			84	S	84
8820			84	S	84
42588			84	S	84
1140			57	S	57
855			57	S	57
3876			57	S	57
34029			57	S	57
30438			57	S	57
24066			63	S	63
756			63	S	63
4914			63	S	63
126			63	S	63
189			63	S	63
3276			63	S	63
26334			63	S	63
14427			63	S	63
8316			63	S	63
2709			63	S	63
39438			63	S	63
61803			63	S	63
7560			63	S	63
10496			64	S	64
64			64	S	64
192			64	S	64
7424			64	S	64
4544			64	S	64
136			34	S	34
5542			34	S	34
204			34	S	34
1292			34	S	34
20094			34	S	34
10305			15	S	15
5895			15	S	15

Cust Mins	Premise Nostep	Duration Actual Minutes	Duration Flag	Duration Nostep Minutes
	198	66	S	66
	7656	66	S	66
	66	66	S	66
	4686	66	S	66
	10824	66	S	66
	17336	44	S	44
	30228	44	S	44
	575706	838	S	838
	330172	838	S	838
	10988	67	S	67
	67	67	S	67
	4757	67	S	67
	201	67	S	67
	7772	67	S	67

Event Idx	Feeder ID	Job Complete Time	Outage Day Char	Outage Level
441868		4/25/2009 6:59	Sat	Transmission Line/Syst
443034		4/29/2009 15:25	Sat	Transmission Line/Syst
443034		4/29/2009 15:25	Sat	Transmission Line/Syst
446649		5/14/2009 17:05	Thu	Transmission Line/Syst
446649		5/14/2009 17:05	Thu	Transmission Line/Syst
446649		5/14/2009 17:05	Thu	Transmission Line/Syst
446649		5/14/2009 17:05	Thu	Transmission Line/Syst
446649		5/14/2009 17:05	Thu	Transmission Line/Syst
446820		5/15/2009 15:06	Fri	Transmission Line/Syst
446803		5/15/2009 15:13	Fri	Transmission Line/Syst
446803		5/15/2009 15:13	Fri	Transmission Line/Syst
446800		5/15/2009 15:13	Fri	Transmission Line/Syst
446800		5/15/2009 15:13	Fri	Transmission Line/Syst
446800		5/15/2009 15:13	Fri	Transmission Line/Syst
446800		5/15/2009 15:13	Fri	Transmission Line/Syst
446800		5/15/2009 15:13	Fri	Transmission Line/Syst
446798		5/15/2009 15:09	Fri	Transmission Line/Syst
446797		5/15/2009 15:07	Fri	Transmission Line/Syst
446820		5/15/2009 15:06	Fri	Transmission Line/Syst
446803		5/15/2009 15:13	Fri	Transmission Line/Syst
446803		5/15/2009 15:13	Fri	Transmission Line/Syst
446802		5/15/2009 15:11	Fri	Transmission Line/Syst
446800		5/15/2009 15:13	Fri	Transmission Line/Syst
446800		5/15/2009 15:13	Fri	Transmission Line/Syst
446800		5/15/2009 15:13	Fri	Transmission Line/Syst
446799		5/15/2009 15:12	Fri	Transmission Line/Syst
446797		5/15/2009 15:07	Fri	Transmission Line/Syst
446797		5/15/2009 15:07	Fri	Transmission Line/Syst
451444		5/29/2009 16:31	Fri	Transmission Line/Syst
454476		6/6/2009 22:24	Sat	Transmission Line/Syst
454476		6/6/2009 22:24	Sat	Transmission Line/Syst
454457		6/6/2009 16:30	Sat	Transmission Line/Syst
454457		6/6/2009 16:30	Sat	Transmission Line/Syst
454457		6/6/2009 16:30	Sat	Transmission Line/Syst
454461		6/6/2009 16:24	Sat	Transmission Line/Syst
454461		6/6/2009 16:24	Sat	Transmission Line/Syst
454461		6/6/2009 16:24	Sat	Transmission Line/Syst
454457		6/6/2009 16:30	Sat	Transmission Line/Syst
454457		6/6/2009 16:30	Sat	Transmission Line/Syst
454457		6/6/2009 16:30	Sat	Transmission Line/Syst
455418		6/9/2009 15:05	Sat	Transmission Line/Syst
455418		6/9/2009 15:05	Sat	Transmission Line/Syst
455418		6/9/2009 15:05	Sat	Transmission Line/Syst

Event Idx	Feeder ID	Job Complete Time	Outage Day Char	Outage Level
455418		6/9/2009 15:05	Sat	Transmission Line/Syst
455418		6/9/2009 15:05	Sat	Transmission Line/Syst
455419		6/9/2009 15:06	Sat	Transmission Line/Syst
455419		6/9/2009 15:06	Sat	Transmission Line/Syst
454562		6/6/2009 18:36	Sat	Transmission Line/Syst
456879		6/14/2009 11:36	Sun	Transmission Line/Syst
456879		6/14/2009 11:36	Sun	Transmission Line/Syst
456879		6/14/2009 11:36	Sun	Transmission Line/Syst
456876		6/14/2009 11:33	Sun	Transmission Line/Syst
456876		6/14/2009 11:33	Sun	Transmission Line/Syst
456876		6/14/2009 11:33	Sun	Transmission Line/Syst
456876		6/14/2009 11:33	Sun	Transmission Line/Syst
456876		6/14/2009 11:33	Sun	Transmission Line/Syst
456876		6/14/2009 11:33	Sun	Transmission Line/Syst
458630		6/17/2009 20:35	Wed	Transmission Line/Syst
458630		6/17/2009 20:35	Wed	Transmission Line/Syst
458630		6/17/2009 20:35	Wed	Transmission Line/Syst
458630		6/17/2009 20:35	Wed	Transmission Line/Syst
478110		8/3/2009 3:43	Mon	Transmission Line/Syst
478110		8/3/2009 3:43	Mon	Transmission Line/Syst
478110		8/3/2009 3:43	Mon	Transmission Line/Syst
478110		8/3/2009 3:43	Mon	Transmission Line/Syst
480909		8/8/2009 22:45	Sat	Transmission Line/Syst
480909		8/8/2009 22:45	Sat	Transmission Line/Syst
480909		8/8/2009 22:45	Sat	Transmission Line/Syst
480898		8/8/2009 22:48	Sat	Transmission Line/Syst
480909		8/8/2009 22:45	Sat	Transmission Line/Syst
480898		8/8/2009 22:48	Sat	Transmission Line/Syst
480898		8/8/2009 22:48	Sat	Transmission Line/Syst
480898		8/8/2009 22:48	Sat	Transmission Line/Syst
482519		8/11/2009 17:52	Tue	Transmission Line/Syst
482519		8/11/2009 17:52	Tue	Transmission Line/Syst
488908		8/27/2009 14:30	Thu	Transmission Line/Syst
488869		8/27/2009 14:36	Thu	Transmission Line/Syst
488867		8/27/2009 14:31	Thu	Transmission Line/Syst
488867		8/27/2009 14:31	Thu	Transmission Line/Syst
488867		8/27/2009 14:31	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
488908		8/27/2009 14:30	Thu	Transmission Line/Syst
488869		8/27/2009 14:36	Thu	Transmission Line/Syst

Event Idx	Feeder ID	Job Complete Time	Outage Day Char	Outage Level
488867		8/27/2009 14:31	Thu	Transmission Line/Syst
488867		8/27/2009 14:31	Thu	Transmission Line/Syst
488867		8/27/2009 14:31	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
488865		8/27/2009 14:37	Thu	Transmission Line/Syst
493827		9/17/2009 15:05	Thu	Transmission Line/Syst
493827		9/17/2009 15:05	Thu	Transmission Line/Syst
493823		9/17/2009 15:12	Thu	Transmission Line/Syst
493823		9/17/2009 15:12	Thu	Transmission Line/Syst
493823		9/17/2009 15:12	Thu	Transmission Line/Syst
493823		9/17/2009 15:12	Thu	Transmission Line/Syst
493823		9/17/2009 15:12	Thu	Transmission Line/Syst
493823		9/17/2009 15:12	Thu	Transmission Line/Syst
493823		9/17/2009 15:12	Thu	Transmission Line/Syst
493828		9/17/2009 14:59	Thu	Transmission Line/Syst
493828		9/17/2009 14:59	Thu	Transmission Line/Syst
493828		9/17/2009 14:59	Thu	Transmission Line/Syst
493828		9/17/2009 14:59	Thu	Transmission Line/Syst
504112		10/21/2009 13:15	Fri	Transmission Line/Syst
504112		10/21/2009 13:15	Fri	Transmission Line/Syst
504112		10/21/2009 13:15	Fri	Transmission Line/Syst
504112		10/21/2009 13:15	Fri	Transmission Line/Syst
504112		10/21/2009 13:15	Fri	Transmission Line/Syst
504112		10/21/2009 13:15	Fri	Transmission Line/Syst
504112		10/21/2009 13:15	Fri	Transmission Line/Syst
504112		10/21/2009 13:15	Fri	Transmission Line/Syst
502744		10/16/2009 16:37	Fri	Transmission Line/Syst
502741		10/16/2009 16:39	Fri	Transmission Line/Syst
502299		10/16/2009 16:41	Fri	Transmission Line/Syst
502299		10/16/2009 16:41	Fri	Transmission Line/Syst
502298		10/16/2009 16:35	Fri	Transmission Line/Syst
502298		10/16/2009 16:35	Fri	Transmission Line/Syst
502298		10/16/2009 16:35	Fri	Transmission Line/Syst
502298		10/16/2009 16:35	Fri	Transmission Line/Syst
502286		10/16/2009 16:36	Fri	Transmission Line/Syst
502707		10/16/2009 16:40	Fri	Transmission Line/Syst
502681		10/16/2009 16:40	Fri	Transmission Line/Syst
502308		10/16/2009 16:38	Fri	Transmission Line/Syst
502299		10/16/2009 16:41	Fri	Transmission Line/Syst
502298		10/16/2009 16:35	Fri	Transmission Line/Syst

Event Idx	Feeder ID	Job Complete Time	Outage Day Char	Outage Level
502298		10/16/2009 16:35	Fri	Transmission Line/Syst
502298		10/16/2009 16:35	Fri	Transmission Line/Syst
502287		10/16/2009 16:37	Fri	Transmission Line/Syst
502287		10/16/2009 16:37	Fri	Transmission Line/Syst
502653		10/16/2009 16:38	Fri	Transmission Line/Syst
502653		10/16/2009 16:38	Fri	Transmission Line/Syst
503075		10/17/2009 18:29	Sat	Transmission Line/Syst
502972		10/17/2009 18:30	Sat	Transmission Line/Syst
502939		10/17/2009 18:29	Sat	Transmission Line/Syst
502939		10/17/2009 18:29	Sat	Transmission Line/Syst
502935		10/17/2009 18:29	Sat	Transmission Line/Syst
502935		10/17/2009 18:29	Sat	Transmission Line/Syst
502934		10/17/2009 18:29	Sat	Transmission Line/Syst
502934		10/17/2009 18:29	Sat	Transmission Line/Syst
502934		10/17/2009 18:29	Sat	Transmission Line/Syst
502934		10/17/2009 18:29	Sat	Transmission Line/Syst
502934		10/17/2009 18:29	Sat	Transmission Line/Syst
502934		10/17/2009 18:29	Sat	Transmission Line/Syst
511650		11/27/2009 12:57	Fri	Transmission Line/Syst
511650		11/27/2009 12:57	Fri	Transmission Line/Syst
511645		11/27/2009 13:25	Fri	Transmission Line/Syst
511645		11/27/2009 13:25	Fri	Transmission Line/Syst
511645		11/27/2009 13:25	Fri	Transmission Line/Syst
511644		11/27/2009 13:00	Fri	Transmission Line/Syst
511644		11/27/2009 13:00	Fri	Transmission Line/Syst
511650		11/27/2009 12:57	Fri	Transmission Line/Syst
511650		11/27/2009 12:57	Fri	Transmission Line/Syst
511645		11/27/2009 13:25	Fri	Transmission Line/Syst
511645		11/27/2009 13:25	Fri	Transmission Line/Syst
511644		11/27/2009 13:00	Fri	Transmission Line/Syst
511644		11/27/2009 13:00	Fri	Transmission Line/Syst
516533		12/23/2009 11:46	Wed	Transmission Line/Syst
516533		12/23/2009 11:46	Wed	Transmission Line/Syst
516518		12/23/2009 11:49	Wed	Transmission Line/Syst
516518		12/23/2009 11:49	Wed	Transmission Line/Syst
516518		12/23/2009 11:49	Wed	Transmission Line/Syst
516534		12/23/2009 11:20	Wed	Transmission Line/Syst
516534		12/23/2009 11:20	Wed	Transmission Line/Syst
516520		12/23/2009 11:17	Wed	Transmission Line/Syst
516520		12/23/2009 11:17	Wed	Transmission Line/Syst
516513		12/23/2009 11:18	Wed	Transmission Line/Syst
516512		12/23/2009 11:01	Wed	Transmission Line/Syst
516516		12/23/2009 11:02	Wed	Transmission Line/Syst

Event Idx	Feeder ID	Job Complete Time	Outage Day Char	Outage Level
517588		12/24/2009 15:24	Thu	Transmission Line/Syst
517588		12/24/2009 15:24	Thu	Transmission Line/Syst
517580		12/24/2009 15:24	Thu	Transmission Line/Syst
517588		12/24/2009 15:24	Thu	Transmission Line/Syst
517580		12/24/2009 15:24	Thu	Transmission Line/Syst
517579		12/24/2009 15:08	Thu	Transmission Line/Syst
517581		12/24/2009 15:08	Thu	Transmission Line/Syst
517694		12/25/2009 7:02	Thu	Transmission Line/Syst
517696		12/25/2009 7:02	Thu	Transmission Line/Syst
517697		12/25/2009 2:56	Thu	Transmission Line/Syst
517697		12/25/2009 2:56	Thu	Transmission Line/Syst
517695		12/25/2009 2:56	Thu	Transmission Line/Syst
517695		12/25/2009 2:56	Thu	Transmission Line/Syst
517695		12/25/2009 2:56	Thu	Transmission Line/Syst

Primary Event Idx	Public Damage Flag	Region	Exclusion QSP	Exclusion IIEEE(QSP)
441868	N	Southeast	FALSE	FALSE
443034	N	Southeast	FALSE	FALSE
443034	N	Southeast	FALSE	FALSE
446649	N	Northwest	FALSE	FALSE
446649	N	Northwest	FALSE	FALSE
446649	N	Northwest	FALSE	FALSE
446649	N	Northwest	FALSE	FALSE
446649	N	Northwest	FALSE	FALSE
446820	N	Northwest	FALSE	FALSE
446803	N	Northwest	FALSE	FALSE
446803	N	Northwest	FALSE	FALSE
446800	N	Northwest	FALSE	FALSE
446800	N	Northwest	FALSE	FALSE
446800	N	Northwest	FALSE	FALSE
446800	N	Northwest	FALSE	FALSE
446800	N	Northwest	FALSE	FALSE
446798	N	Northwest	FALSE	FALSE
446797	N	Northwest	FALSE	FALSE
446820	N	Northwest	FALSE	FALSE
446803	N	Northwest	FALSE	FALSE
446803	N	Northwest	FALSE	FALSE
446802	N	Northwest	FALSE	FALSE
446800	N	Northwest	FALSE	FALSE
446800	N	Northwest	FALSE	FALSE
446800	N	Northwest	FALSE	FALSE
446799	N	Northwest	FALSE	FALSE
446797	N	Northwest	FALSE	FALSE
446797	N	Northwest	FALSE	FALSE
451444	N	Northwest	FALSE	FALSE
454476	N	Northwest	FALSE	FALSE
454476	N	Northwest	FALSE	FALSE
454457	N	Northwest	FALSE	FALSE
454457	N	Northwest	FALSE	FALSE
454457	N	Northwest	FALSE	FALSE
454461	N	Northwest	FALSE	FALSE
454461	N	Northwest	FALSE	FALSE
454461	N	Northwest	FALSE	FALSE
454457	N	Northwest	FALSE	FALSE
454457	N	Northwest	FALSE	FALSE
454457	N	Northwest	FALSE	FALSE
455418	N	Metro West	FALSE	FALSE
455418	N	Metro West	FALSE	FALSE
455418	N	Metro West	FALSE	FALSE

Primary Event Idx	Public Damage Flag	Region	Exclusion QSP	Exclusion IIEEE(QSP)
455418	N	Metro West	FALSE	FALSE
455418	N	Metro West	FALSE	FALSE
455418	N	Metro West	FALSE	FALSE
455418	N	Metro West	FALSE	FALSE
454562	N	Southeast	FALSE	FALSE
456879	N	Metro West	FALSE	FALSE
456879	N	Metro West	FALSE	FALSE
456879	N	Metro West	FALSE	FALSE
456876	N	Metro West	FALSE	FALSE
456876	N	Metro West	FALSE	FALSE
456876	N	Metro West	FALSE	FALSE
456876	N	Metro West	FALSE	FALSE
456876	N	Metro West	FALSE	FALSE
458630	N	Southeast	FALSE	FALSE
458630	N	Southeast	FALSE	FALSE
458630	N	Southeast	FALSE	FALSE
458630	N	Southeast	FALSE	FALSE
478110	N	Southeast	FALSE	FALSE
478110	N	Southeast	FALSE	FALSE
478110	N	Southeast	FALSE	FALSE
478110	N	Southeast	FALSE	FALSE
480909	N	Metro West	FALSE	FALSE
480909	N	Metro West	FALSE	FALSE
480909	N	Metro West	FALSE	FALSE
480898	N	Metro West	FALSE	FALSE
480909	N	Metro West	FALSE	FALSE
480898	N	Metro West	FALSE	FALSE
480898	N	Metro West	FALSE	FALSE
480898	N	Metro West	FALSE	FALSE
482519	N	Northwest	FALSE	FALSE
482519	N	Northwest	FALSE	FALSE
488908	N	Northwest	FALSE	FALSE
488869	N	Northwest	FALSE	FALSE
488867	N	Northwest	FALSE	FALSE
488867	N	Northwest	FALSE	FALSE
488867	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
488908	N	Northwest	FALSE	FALSE
488869	N	Northwest	FALSE	FALSE

Primary Event Idx	Public Damage Flag	Region	Exclusion QSP	Exclusion IEEE(QSP)
488867	N	Northwest	FALSE	FALSE
488867	N	Northwest	FALSE	FALSE
488867	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
488865	N	Northwest	FALSE	FALSE
493827	N	Southeast	FALSE	FALSE
493827	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493823	N	Southeast	FALSE	FALSE
493828	N	Southeast	FALSE	FALSE
493828	N	Southeast	FALSE	FALSE
493828	N	Southeast	FALSE	FALSE
493828	N	Southeast	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
504112	N	Metro East	FALSE	FALSE
502744	N	Metro East	FALSE	FALSE
502741	N	Metro East	FALSE	FALSE
502299	N	Metro East	FALSE	FALSE
502299	N	Metro East	FALSE	FALSE
502298	N	Metro East	FALSE	FALSE
502298	N	Metro East	FALSE	FALSE
502298	N	Metro East	FALSE	FALSE
502298	N	Metro East	FALSE	FALSE
502298	N	Metro East	FALSE	FALSE
502286	N	Metro East	FALSE	FALSE
502707	N	Metro East	FALSE	FALSE
502681	N	Metro East	FALSE	FALSE
502308	N	Metro East	FALSE	FALSE
502299	N	Metro East	FALSE	FALSE
502298	N	Metro East	FALSE	FALSE

Primary Event Idx	Public Damage Flag	Region	Exclusion QSP	Exclusion IIEEE(QSP)
502298	N	Metro East	FALSE	FALSE
502298	N	Metro East	FALSE	FALSE
502287	N	Metro East	FALSE	FALSE
502287	N	Metro East	FALSE	FALSE
502653	N	Metro East	FALSE	FALSE
502653	N	Metro East	FALSE	FALSE
503075	N	Northwest	FALSE	FALSE
502972	N	Northwest	FALSE	FALSE
502939	N	Northwest	FALSE	FALSE
502939	N	Northwest	FALSE	FALSE
502935	N	Northwest	FALSE	FALSE
502935	N	Northwest	FALSE	FALSE
502934	N	Northwest	FALSE	FALSE
502934	N	Northwest	FALSE	FALSE
502934	N	Northwest	FALSE	FALSE
502934	N	Northwest	FALSE	FALSE
502934	N	Northwest	FALSE	FALSE
502934	N	Northwest	FALSE	FALSE
511650	Y	Northwest	FALSE	FALSE
511650	Y	Northwest	FALSE	FALSE
511645	Y	Northwest	FALSE	FALSE
511645	Y	Northwest	FALSE	FALSE
511645	Y	Northwest	FALSE	FALSE
511644	Y	Northwest	FALSE	FALSE
511644	Y	Northwest	FALSE	FALSE
511650	Y	Northwest	FALSE	FALSE
511650	Y	Northwest	FALSE	FALSE
511645	Y	Northwest	FALSE	FALSE
511645	Y	Northwest	FALSE	FALSE
511644	Y	Northwest	FALSE	FALSE
511644	Y	Northwest	FALSE	FALSE
516533	N	South Dako	FALSE	FALSE
516533	N	South Dako	FALSE	FALSE
516518	N	South Dako	FALSE	FALSE
516518	N	South Dako	FALSE	FALSE
516518	N	South Dako	FALSE	FALSE
516534	N	South Dako	FALSE	FALSE
516534	N	South Dako	FALSE	FALSE
516520	N	South Dako	FALSE	FALSE
516520	N	South Dako	FALSE	FALSE
516513	N	South Dako	FALSE	FALSE
516512	N	South Dako	FALSE	FALSE
516516	N	South Dako	FALSE	FALSE

Primary Event Idx	Public Damage Flag	Region	Exclusion QSP	Exclusion IEEE(QSP)
517588	N	South Dako	FALSE	FALSE
517588	N	South Dako	FALSE	FALSE
517580	N	South Dako	FALSE	FALSE
517588	N	South Dako	FALSE	FALSE
517580	N	South Dako	FALSE	FALSE
517579	N	South Dako	FALSE	FALSE
517581	N	South Dako	FALSE	FALSE
517694	N	South Dako	FALSE	FALSE
517696	N	South Dako	FALSE	FALSE
517697	N	South Dako	FALSE	FALSE
517697	N	South Dako	FALSE	FALSE
517695	N	South Dako	FALSE	FALSE
517695	N	South Dako	FALSE	FALSE
517695	N	South Dako	FALSE	FALSE

State	Substation Flag	Transmission Flag	Remedy
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored, Repaired Perm
MN	N	Y	100% Restored, Repaired Perm
MN	N	Y	100% Restored, Repaired Perm
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored by Auto Reclose
MN	N	Y	100% Restored by Auto Reclose
MN	N	Y	100% Restored by Auto Reclose

State	Substation Flag	Transmission Flag	Remedy
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored, Repaired Temp
MN	N	Y	100% Restored, Repaired Temp
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching
MN	N	Y	100% Restored Via Switching