



Control Number: 42146



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PROJECT NO. 42146

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Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2013 Reporting Year

Xcel Energy

Project 42146

Service Quality Report to the Public Utility Commission of Texas

PROJECT NO. 42146

Xcel Energy

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2013	0.76	0.03	0.05	0.05	0.07	0.10	0.17	0.07	0.06	0.04	0.05	0.04	0.05
Scheduled													
2013	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Outside Causes													
2013	0.27	0.00	0.02	0.01	0.01	0.02	0.05	0.02	0.03	0.02	0.02	0.04	0.03
Major Events													
2013	0.12	0.00	0.00	0.00	0.07	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00

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	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
System SAIDI													
Forced 2013	91.62	1.64	4.59	4.51	8.19	19.19	25.69	6.41	6.11	3.83	3.00	4.58	3.88
Scheduled 2013	1.12	0.01	0.06	0.05	0.17	0.58	0.02	0.08	0.01	0.08	0.01	0.04	0.02
Outside Causes 2013	23.64	0.53	1.61	0.78	0.81	1.07	7.23	1.74	2.48	0.98	2.28	2.31	1.82
Major Events 2013	30.02	0.00	0.00	0.00	14.23	0.00	15.79	0.00	0.00	0.00	0.00	0.00	0.00

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Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

341

Add or Delete Rows as Necessary

Xcel Energy

2013 SAIFI Ranking	2012 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIFI Value
1	19	Moss	MOSS6540	320	4.5563
2	5	Spearman Int	SPEX1512	878	4.2813
3	46	Kingsmill	KING5110	169	3.7988
4	153	Carson County	CARS7030	121	3.7521
5	24	Lehman	LEHMLV500	94	3.3723
6	127	Carson County	CARS7034	52	3.3462
7	26	Moss	MOSS6320	1188	3.2837
8	97	Osage	OSAG6060	131	3.2824
9	1	Etter Rural	ETTR5405	537	3.2682
10	119	Coble	COBLLV835	234	3.1880
11	276	McCullough	MCCU7005	1336	3.1579
12	221	Exell	EXEL1238	94	3.1489
13	290	Kingsmill	KING5095	43	3.1395
14	64	Monroe	MONR6610	400	3.0125
15	20	Channing	CHAN1564	28	2.9643
16	237	Roxana	ROXA2334	54	2.9630
17	44	Booker	BOOK33-08	1063	2.9125
18	132	Riverview	RIVER100	232	2.8362
19	60	Herring	HERR1434	1476	2.8184
20	49	Highland Park	HIGH5335	989	2.7988
21	166	Riverview	RIVER095	397	2.7657
22	197	Boardman	BOARS560	139	2.7482
23	7	Kingsmill	KING5115	775	2.7316
24	32	Bowers	BOWE5090	136	2.7132
25	199	Manhattan	MANH7164	1568	2.6741
26	190	Whitaker	WHIT5270	2676	2.6222
27	NA	Seminole Interch	SEMX6E00	580	2.5845
28	208	Hastings	HAST7074	1534	2.5678
29	192	Whiteface	WHITLV210	122	2.5656
30	43	Howard	HOWA2480	588	2.5187
31	114	Bowers	BOWE2057	582	2.4089
32	167	Conway	CONW5005	1425	2.3747
33	189	34th Street	34ST2B45	2156	2.3270
34	12	Irick	IRIC1B120	35	2.3143
35	326	Spring Draw	SPRD2C75	744	2.2944
36	180	Plainview East	PLVEP160	351	2.2536
37	35	Hastings	HAST7086	746	2.1863
38	18	Roberts County	ROBE7090	463	2.1793
39	63	Industrial	INDU1416	796	2.1633
40	111	Lockney Rural	LOCR3421	25	2.1600
41	87	Middleton	MIDDLV820	46	2.1304
42	183	Lyons	LYON5C25	1912	2.1041
43	155	Kingsmill	KING5100	88	2.1023

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2013 SAIFI Ranking	2012 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIFI Value
44	33	Channing	CHAN1568	53	2.0377
45	29	Waterfield	WTRF2368	197	2.0152
46	3	Waterfield	WTRF2364	106	1.9057
47	77	Plainview North	PLVNP260	1560	1.8256
48	95	East Plant	EPLAA110	950	1.7705
49	21	Springlake	SPRISO140	139	1.7482
50	42	Kress Rural	KRERKR120	136	1.7426
51	229	Perryton	PERR1235	1598	1.6840
52	256	Roberts County	ROBE7065	91	1.6703
53	241	Pacific	PACILV940	68	1.6618
54	124	Kingsmill	KING5105	328	1.6555
55	74	Slaton	SLAT6690	854	1.6487
56	68	Springcreek	SPRI1320	80	1.5625
57	268	Parmer County	PARM2475	782	1.5601
58	75	Dumas 19th Street	DU191470	2140	1.5575
59	176	Herring	HERR1438	67	1.5373
60	103	Doss	DOSS6660	519	1.5356
61	141	Exell	EXEL1242	42	1.5238
62	96	Booker	BOOK422	297	1.4916
63	121	34th Street	34ST5B85	2110	1.4848
64	191	Van Buren	VANB7046	2717	1.4542
65	133	Roxana	ROXA2076	376	1.4495
66	36	Southeast	SOEA5C80	292	1.4281
67	52	Brisco	BRIS3457	13	1.3846
68	70	Garza	GARZ6520	388	1.3505
69	113	Bowers	BOWE2053	46	1.3478
70	23	Lawrence Park	LAWR5020	1507	1.3238
71	92	Lawrence Park	LAWR5315	958	1.3132
72	206	Levelland City	LEVCLV180	2368	1.3100
73	196	Westridge	WRIDP460	575	1.3061
74	236	Sunset	SUNS5D35	547	1.2998
75	324	Channing	CHAN1675	439	1.2916
76	53	Canyon West	CANW5160	725	1.2814
77	130	Kress Rural	KRERKR140	141	1.2695
78	126	Whitaker	WHIT5260	1691	1.2608
79	145	Pierce	PIER5B00	976	1.2572
80	213	South Floydada	SFLO3551	36	1.2500
81	140	Hart	HARTHA120	517	1.2476
82	31	East Plant	EPLAA118	2733	1.2408
83	65	Barwise	BARW1B130	66	1.2273
84	47	Palo Duro	PALO5235	465	1.2237
85	135	Southeast	SOEA5C85	2704	1.2193
86	107	Burnett	BURN1394	23	1.2174
87	164	Canyon East	CANE5190	1904	1.2153
88	305	Littlefield City	LITCLI640	426	1.2113
89	198	Allmon	ALLMAT120	681	1.2085
90	67	Vega	VEGA5195	824	1.2039
91	123	Wildorado	WILD2014	344	1.2035

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92	321	Hillside	HILS2B10	2325	1.1884
93	4	Texas Farms	TXFA1125	209	1.1627
94	161	Centre Street	CENT5310	1528	1.1551
95	293	Estacado	ESTA5D20	1825	1.1463
96	2	Buffalo	BUFF5165	196	1.1224
97	207	Burnett	BURN1398	76	1.1184
98	330	Happy	HAPP2326	275	1.0909
99	231	Spearman	SPEA302	583	1.0892
100	55	Murphy	MURP7535	1657	1.0827
101	99	Olon	OLTOSO180	542	1.0646
102	73	Springcreek	SPRI1316	311	1.0643
103	93	Waterfield	WTRF2361	362	1.0608
104	339	Sudan Rural	SUDRSR110	24	1.0417
105	156	Osage	OSAG6040	1675	1.0388
106	179	Plainview South	PLVSP210	140	1.0357
107	56	Soncy	SONC7020	413	1.0169
108	128	Howard	HOWA2485	513	1.0156
109	315	Allred	ALLRS140	287	0.9861
110	137	Spring Draw	SPRD2C70	1005	0.9791
111	38	Wade	WADE1420	68	0.9706
112	125	Wellman	WELLS755	236	0.9703
113	201	Flanagan	FLANS550	125	0.9440
114	9	Buffalo	BUFF2215	400	0.9375
115	277	Littlefield City	LITCLI630	121	0.8843
116	16	West Anton	WANT3502	611	0.8658
117	84	Osage	OSAG6065	1797	0.8063
118	122	Dawn	DAWN5A35	408	0.7353
119	169	County Line	COLICL110	14	0.7143
120	336	Mallet	MALLLV120	12	0.6667
121	245	Westridge	WRIDP450	1481	0.6597
122	80	Wildorado	WILD2018	791	0.6523
123	118	Tenneco	TENNS440	112	0.6339
124	105	Kite	KITE5B80	1065	0.6272
125	51	Garza	GARZPO120	331	0.6133
126	154	Dumas 19th Stre	DU191498	53	0.5849
127	102	Vickers	VICK6680	1605	0.5819
128	175	Spring Draw	SPRD2C80	1928	0.5752
129	106	Carlisle	CARL6650	890	0.5742
130	210	Doss	DOSSS400	1033	0.5731
131	86	Plant X	PLAXX310	590	0.5644
132	45	Tuco	TUCON404	781	0.5583
133	298	Levelland East	LEVELV950	443	0.5530
134	301	South Georgia	SGEO2342	841	0.5351
135	202	Bush	BUSH5210	1703	0.5261
136	148	East Plant	EPLAA126	633	0.5245
137	150	Industrial	INDU1412	1028	0.5243
138	160	Canadian	CANA325	453	0.5188
139	104	Doss	DOSS6670	1720	0.5174

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140	280	Arrowhead	ARRO5D80	358	0.5140
141	78	Bush	BUSH5205	1686	0.4970
142	90	Dumas 19th Stre	DU191371	1958	0.4954
143	244	Farmers	FARM5395	925	0.4919
144	247	Dimmitt South	DIMSDI110	356	0.4888
145	72	Tuco	TUCON412	737	0.4844
146	40	Canadian	CANA340	444	0.4730
147	294	Littlefield City	LITCLI610	330	0.4727
148	100	Etter Rural	ETTR5410	688	0.4651
149	257	Moore Co	MOORM055	71	0.4507
150	270	Canadian	CANA335	233	0.4506
151	144	Lawrence Park	LAWR5030	1578	0.4499
152	185	Happy	HAPP7040	372	0.4301
153	48	Hale Center	HACTHR110	1118	0.4275
154	172	Bennett	BENNS290	69	0.4058
155	147	Hereford	HERE2627	1560	0.3974
156	178	Garza	GARZ6500	704	0.3935
157	200	West Borger	WBOR1A10	1156	0.3927
158	333	Fain	FAIN1105	46	0.3913
159	232	South Georgia	SCEO5B30	1428	0.3894
160	69	Yellowhouse	YELLV900	13	0.3846
161	62	Springlake	SPRISO150	319	0.3824
162	269	Plainview West	PLVWP130	669	0.3767
163	54	Manhattan	MANH7160	1220	0.3680
164	248	Lynn	LYNN6300	827	0.3543
165	240	West Borger	WBOR1A20	1284	0.3536
166	58	Canyon West	CANW7128	1550	0.3529
167	264	Arrowhead	ARRO5D85	1900	0.3511
168	168	Soncy	SONC5130	724	0.3467
169	115	Cherry	CHER5C10	1098	0.3415
170	85	Morton	MORTM120	164	0.3415
171	151	Dumas 19th Stre	DU191367	2117	0.3406
172	287	Doss	DOSS410	188	0.3404
173	239	Garza	GARZPO110	502	0.3386
174	165	Van Buren	VANB7198	1674	0.3321
175	188	Kite	KITE7106	644	0.3214
176	181	Perryton	PERR1530	676	0.3107
177	193	Highland Park	HIGH5325	259	0.3050
178	174	Denver City East	DENES110	756	0.2923
179	22	Irick	IRIC1B110	80	0.2875
180	266	Dimmitt East	DIMEDI150	870	0.2839
181	157	Van Buren	VANB7048	335	0.2836
182	194	Centre Street	CENT5305	2661	0.2826
183	259	Plainview South	PLVSP230	552	0.2790
184	27	Conway	CONW5010	1336	0.2784
185	143	Van Buren	VANB7044	820	0.2744
186	228	Weatherly	WEAT1350	1487	0.2730
187	300	Puckett West	PUCW5C60	118	0.2712

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188	217	South Georgia	SGEO5B40	1540	0.2643
189	25	Cedar Lake East	CEDES910	23	0.2609
190	81	Littlefield South	LITSL1110	1578	0.2554
191	149	Bennett	BENNS365	51	0.2549
192	265	Plainview West	PLVWP120	1686	0.2544
193	311	Jaybee	JAYBS765	44	0.2500
194	283	Spearman	SPEA401	360	0.2500
195	212	34th Street	34ST5B95	1595	0.2395
196	286	Puckett West	PUCW5C30	739	0.2368
197	224	Estacado	ESTA5D15	600	0.2367
198	6	Barwise	BARW1B140	106	0.2358
199	184	Slaton	SLATSL140	565	0.2319
200	335	Lake Meredith	LAKM2B65	22	0.2273
201	136	Farmers	FARM5390	1338	0.2242
202	146	Slaton	SLAT6600	1084	0.2242
203	235	Russell	RUSSS385	72	0.2222
204	139	Lawrence Park	LAWR5025	1736	0.2200
205	152	Dalhart	DALH1246	1590	0.2170
206	273	Fritch	FRIT1360	859	0.2095
207	163	Adobe Creek	ADOB1115	86	0.2093
208	101	Lariat	LARIMR110	53	0.2075
209	NA	Seminole Interch	SEM6E10	213	0.2066
210	28	Lockney Rural	LOCRLA140	73	0.2055
211	159	Pullman	PULL2A40	181	0.2044
212	30	Aiken Rural	AIKRLA110	119	0.2017
213	252	Denver City East	DENES100	922	0.1974
214	323	Riley	RILES500	46	0.1957
215	285	Moore Co	MOORM060	139	0.1942
216	281	McCullough	MCCU7002	1320	0.1939
217	41	Canyon West	CANW7124	2233	0.1903
218	243	Plainview East	PLVEP180	300	0.1867
219	79	Friona Rural	FRIO2436	1673	0.1847
220	37	Mulshoe West	MULWMR140	782	0.1829
221	242	Kite	KITE5075	1226	0.1827
222	204	McCullough	MCCU5085	1226	0.1819
223	225	Fritch	FRIT1364	1876	0.1818
224	341	Whitaker	WHIT5265	72	0.1806
225	214	Pierce	PIER5B05	984	0.1789
226	173	Morton	MORTM130	881	0.1782
227	267	Dalhart	DALH1298	1402	0.1762
228	39	Bennett	BENNS345	979	0.1726
229	261	Elwood	ELWOLV140	58	0.1724
230	88	Vega	VEGA5170	58	0.1724
231	203	Lyons	LYON5C20	1423	0.1658
232	13	Lynn	LYNN6510	263	0.1635
233	129	South Floydada	SFLO3547	289	0.1626
234	131	Lake Meredith	LAKM2B55	37	0.1622
235	253	Olton	OLTOSO170	648	0.1590

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236	10	McLean Rural	MCLE5300	749	0.1535
237	57	Cherry	CHER5C15	1606	0.1501
238	260	South Georgia	SGEO5B35	1694	0.1476
239	59	Hastings	HAST7078	3980	0.1435
240	162	South Georgia	SGEO2338	3294	0.1424
241	313	Moore Co	MOORM065	923	0.1376
242	182	34th Street	34ST5B90	941	0.1371
243	177	Slaton	SLATSL150	445	0.1371
244	14	Dalhart	DALH1664	74	0.1351
245	187	Boardman	BOARS430	15	0.1333
246	158	Lynn	LYNN6340	621	0.1320
247	120	Kress Rural	KRERKR110	340	0.1294
248	251	South Georgia	SGEO2346	1115	0.1283
249	66	Hendrick	HEND6675	1243	0.1271
250	186	Levelland East	LEVELV960	926	0.1253
251	319	Canadian	CANA350	257	0.1245
252	89	Lawrence Park	LAWR5275	1209	0.1208
253	263	Hendrick	HEND6685	1071	0.1204
254	227	Estacado	ESTA5D65	1082	0.1201
255	238	Tokio	TOKIS800	42	0.1190
256	275	Estacado	ESTA5D10	2553	0.1132
257	219	Perryton	PERR1535	1163	0.1126
258	223	Pierce	PIER5B10	827	0.1125
259	134	Lawrence Park	LAWR5050	1168	0.1045
260	11	Plainview South	PLVSP220	1127	0.1012
261	295	Coulter	COUL5285	1108	0.1002
262	138	Sunset	SUNS5D40	1379	0.0986
263	195	Soncy	SONC7116	61	0.0984
264	15	Lockney Rural	LOCRLA150	94	0.0957
265	320	Farmers	FARM5385	163	0.0920
266	279	Dawn	DAWN5A40	33	0.0909
267	271	Sherman County	SHER1448	11	0.0909
268	272	Zavala	ZAVLV780	11	0.0909
269	94	Curry County Int	CURX3486	243	0.0905
270	82	Sherman County	SHER1456	1050	0.0905
271	254	Perryton	PERR1230	829	0.0893
272	282	Dalhart	DALH108	293	0.0887
273	307	Littlefield West	LITWLI156	243	0.0864
274	312	Amherst	AMHEAM620	351	0.0826
275	83	Hereford	HERE2630	704	0.0824
276	211	Weatherly	WEAT1354	781	0.0819
277	278	Manhattan	MANH5135	699	0.0787
278	309	Spearman	SPEA301	437	0.0778
279	218	Prentice	PRENS875	13	0.0769
280	171	Levelland City	LEVCLV190	2242	0.0758
281	205	Brisco	BRIS3434	487	0.0719
282	328	Mulshoe City	MULCMU610	126	0.0714
283	258	Riley	RILES510	56	0.0714

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284	340	Sunset	SUNS5D30	56	0.0714
285	220	East Plant	EPLAA122	1301	0.0699
286	296	Booker	BOOK535	246	0.0691
287	216	Doss	DOSSS495	939	0.0671
288	310	Farwell	FARWFA610	255	0.0667
289	291	Estacado	ESTA5D60	1981	0.0656
290	71	Coulter	COUL5290	1809	0.0647
291	289	Dalhart	DALH114	315	0.0635
292	109	Dalhart	DALH1580	343	0.0612
293	327	Sudan Rural	SUDRSR120	472	0.0593
294	222	Muleshoe East	MULEMU640	139	0.0576
295	306	Dimmitt South	DIMSDI120	352	0.0568
296	308	Dalhart	DALH116	251	0.0558
297	98	Lockney Rural	LOCR3417	938	0.0544
298	170	Dalhart	DALH106	187	0.0535
299	304	Muleshoe City	MULCMU620	170	0.0529
300	284	Hastings	HAST7082	1413	0.0524
301	234	Plainview West	PLVWP110	1132	0.0521
302	342	Whitharral	WHITLV710	96	0.0521
303	302	Muleshoe Valley	MULVMR150	632	0.0506
304	230	Plainview City	PLVCP620	358	0.0475
305	255	Puckett West	PUCW5C35	1902	0.0457
306	303	Plainview City	PLVCP630	502	0.0438
307	262	Dimmitt East	DIMEDI180	446	0.0426
308	288	Van Buren	VANB7194	271	0.0406
309	274	Whiteface	WHITLV220	252	0.0397
310	246	Brownfield	BROW6580	293	0.0375
311	112	Soncy	SONC7024	1225	0.0359
312	292	Muleshoe East	MULEMU630	507	0.0355
313	322	Plainview North	PLVNP270	143	0.0350
314	316	Amherst	AMHEAM610	29	0.0345
315	17	Lehman	LEHMLV510	58	0.0345
316	226	Hart	HARTHA110	99	0.0303
317	110	Muleshoe West	MULWMR130	73	0.0274
318	317	Bush	BUSH5215	1250	0.0256
319	116	Littlefield City	LITCLI620	99	0.0202
320	233	Farwell	FARWFA620	52	0.0192
321	215	Van Buren	VANB7190	52	0.0192
322	108	Littlefield South	LITSLI120	221	0.0181
323	249	Booker	BOOK421	112	0.0179
324	329	Spearman	SPEA402	360	0.0139
325	297	Southland	SOUTSO110	102	0.0098
326	209	Canyon East	CANE5185	793	0.0088
327	NA	Levelland City	LEVCLV520	157	0.0064
328	314	Hillside	HILS2B15	1039	0.0058
329	8	Estacado	ESTA5D70	748	0.0040
330	331	Adair	ADAIS790	13	0.0000
331	250	Coulter	COUL5280	864	0.0000

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Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2013 SAIFI Ranking	2012 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIFI Value
332	332	Diekemper	DEIKDE110	55	0.0000
333	334	Hillside	HILS2B05	71	0.0000
334	50	Middleton	MIDDLV810	18	0.0000
335	117	Pacific	PACILV930	10	0.0000
336	299	Parmer County	PARM2465	33	0.0000
337	325	Plainview City	PLVCP670	57	0.0000
338	337	Plainview City	PLVCP680	77	0.0000
339	338	Plainview City	PLVCP690	103	0.0000
340	318	Sherman County	SHER1452	34	0.0000
341	91	Texaco	TEXALV980	24	0.0000

PROJECT NO. 42146

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

341

Add or Delete Rows as Necessary

Xcel Energy

2013 SAIDI Ranking	2012 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIDI Value
1	25	Booker	BOOK33-08	1063	1140.22
2	226	Roxana	ROXA2334	54	784.52
3	100	Manhattan	MANH7164	1568	757.33
4	8	Waterfield	WTRF2368	197	735.71
5	35	Moss	MOSS6540	320	699.20
6	117	Osage	OSAG6060	131	623.88
7	56	Springcreek	SPRI1320	80	617.64
8	2	Channing	CHAN1564	28	595.64
9	165	Exell	EXEL1238	94	549.33
10	101	Carson County	CARS7030	121	519.87
11	22	Burnett	BURN1394	23	512.74
12	38	Channing	CHAN1568	53	505.53
13	7	Lehman	LEHMLV500	94	479.18
14	121	Herring	HERR1438	67	466.15
15	40	Herring	HERR1434	1476	463.53
16	297	Kingsmill	KING5095	43	456.65
17	289	McCullough	MCCU7005	1336	454.54
18	249	Riverview	RIVER095	397	442.11
19	12	Irick	IRIC1B120	35	428.09
20	87	Roxana	ROXA2076	376	423.12
21	128	Carson County	CARS7034	52	418.02
22	NA	Seminole Interch	SEMX6E00	580	376.29
23	48	Bowers	BOWE5090	136	372.31
24	3	Buffalo	BUFF5165	196	363.96
25	248	Plainview East	PLVEP160	351	356.69
26	1	Etter Rural	ETTR5405	537	354.54
27	68	Hastings	HAST7086	746	350.46
28	11	Spearmen Int	SPEX1512	878	332.93
29	138	Booker	BOOK422	297	327.89
30	156	Canyon West	CANW5160	725	326.86
31	55	Monroe	MONR6610	400	325.84
32	202	Hastings	HAST7074	1534	325.48
33	326	Happy	HAPP2326	275	324.47
34	133	Bush	BUSH5210	1703	320.24
35	99	Wildorado	WILD2014	344	312.87
36	114	Whitaker	WHIT5270	2676	311.35
37	33	Waterfield	WTRF2364	106	309.41
38	73	Howard	HOWA2480	588	309.02
39	142	Exell	EXEL1242	42	306.24
40	318	Spring Draw	SPRD2C75	744	304.49
41	260	Pacific	PACILV940	68	296.04
42	42	Kress Rural	KRERKR120	136	275.63
43	18	West Anton	WANT3502	611	263.48
44	96	Soncy	SONC7020	413	260.70

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Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2013 SAIDI Ranking	2012 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIDI Value
45	180	Boardman	BOARS560	139	258.49
46	116	34th Street	34ST2B45	2156	258.44
47	51	Highland Park	HIGH5335	989	255.78
48	211	South Floydada	SFLO3551	36	251.22
49	170	Coble	COBLLV835	234	247.29
50	263	West Borger	WBOR1A20	1284	235.16
51	93	Plainview North	PLVNP260	1560	232.47
52	83	East Plant	EPLAA110	950	231.13
53	69	Riverview	RIVER100	232	223.87
54	46	Barwise	BARW1B130	66	220.76
55	49	Kingsmill	KING5110	169	214.64
56	23	Springlake	SPRISO140	139	213.14
57	195	Whiteface	WHITLV210	122	208.62
58	123	Industrial	INDU1416	796	199.03
59	336	Mallet	MALLLV120	12	195.00
60	92	34th Street	34ST5B85	2110	193.65
61	167	Spring Draw	SPRD2C80	1928	181.58
62	37	Kingsmill	KING5115	775	180.55
63	150	Spring Draw	SPRD2C70	1005	179.94
64	179	Slaton	SLAT6690	854	177.81
65	254	Moore Co	MOORM060	139	173.02
66	307	Channing	CHAN1675	439	163.87
67	54	Springcreek	SPRI1316	311	163.27
68	283	Parmar County	PARM2475	782	162.63
69	81	Murphy	MURP7535	1657	162.61
70	94	Kress Rural	KRERKR140	141	161.72
71	75	Middleton	MIDDLV820	46	159.26
72	61	Wildorado	WILD2018	791	156.92
73	44	Brisco	BRIS3457	13	155.54
74	64	Roberts County	ROBE7090	463	154.50
75	295	Estacado	ESTA5D20	1825	153.47
76	178	Plainview South	PLVSP210	140	152.44
77	41	Wellman	WELLS755	236	149.69
78	221	Farmers	FARM5395	925	149.21
79	147	Dawn	DAWN5A35	408	148.49
80	139	Kingsmill	KING5105	328	148.40
81	201	Burnett	BURN1398	76	147.59
82	280	Levelland City	LEVCLV180	2368	147.41
83	229	Sunset	SUNS5D35	547	146.33
84	172	Conway	CONW5005	1425	145.26
85	230	Spearman	SPEA302	583	143.84
86	39	Dumas 19th Stre	DU191470	2140	142.86
87	135	Vega	VEGA5195	824	135.83
88	339	Sudan Rural	SUDRSR110	24	134.75
89	239	Perryton	PERR1235	1598	134.68
90	113	Lockney Rural	LOCR3421	25	134.48
91	257	Roberts County	ROBE7065	91	134.01
92	185	Pierce	PIER5B00	976	132.36

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Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2013 SAIDI Ranking	2012 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIDI Value
93	273	Moore Co	MOORM055	71	127.06
94	250	Littlefield City	LITCLI630	121	124.95
95	34	Yellowhouse	YELLLV900	13	122.38
96	9	Texas Farms	TXFA1125	209	120.15
97	173	Kingsmill	KING5100	88	119.59
98	50	Wade	WADE1420	68	114.86
99	98	Carlisle	CARL6650	890	112.71
100	120	Van Buren	VANB7046	2717	105.82
101	74	Olton	OLTOSO180	542	102.27
102	136	Bowers	BOWE2057	582	102.01
103	191	Kite	KITE5B80	1065	101.48
104	261	Westridge	WRIDP460	575	101.10
105	29	Southeast	SOEA5C80	292	99.63
106	177	Centre Street	CENT5310	1528	96.76
107	213	Garza	GARZPO110	502	93.81
108	127	Hart	HARTHA120	517	92.62
109	57	East Plant	EPLAA118	2733	92.25
110	199	Canyon East	CANE5190	1904	90.37
111	308	Littlefield City	LITCLI640	426	90.08
112	105	Whitaker	WHIT5260	1691	89.64
113	228	Fritch	FRIT1360	859	88.86
114	293	Littlefield City	LITCLI610	330	88.43
115	131	Lawrence Park	LAWR5315	958	83.21
116	4	Lawrence Park	LAWR5020	1507	78.13
117	78	Palo Duro	PALO5235	465	77.98
118	319	Hillside	HILS2B10	2325	77.69
119	224	County Line	COLICL110	14	76.21
120	259	Flanagan	FLANS550	125	75.18
121	181	Happy	HAPP7040	372	74.47
122	118	Howard	HOWA2485	513	73.83
123	72	Buffalo	BUFF2215	400	72.85
124	82	Doss	DOSS6660	519	72.56
125	235	Canadian	CANA335	233	71.82
126	161	Canadian	CANA325	453	70.21
127	126	Garza	GARZ6520	388	68.54
128	77	Van Buren	VANB7198	1674	67.01
129	188	Allmon	ALLMAT120	681	66.76
130	76	Plant X	PLAXX310	590	62.08
131	95	Tuco	TUCON404	781	61.41
132	53	Moss	MOSS6320	1188	60.96
133	299	South Georgia	SGEO2342	841	60.84
134	58	Pullman	PULL2A40	181	60.43
135	148	Dumas 19th Street	DU191498	53	59.43
136	198	Lynn	LYNN6300	827	58.23
137	106	Tenneco	TENNS440	112	57.09
138	162	Farmers	FARM5390	1338	56.69
139	67	Southeast	SOEA5C85	2704	56.28
140	155	Osage	OSAG6065	1797	56.04

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Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2013 SAIDI Ranking	2012 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIDI Value
141	91	Vickers	VICK6680	1605	55.14
142	10	Irick	IRIC1B110	80	54.50
143	335	Lake Meredith	LAKM2B65	22	53.32
144	240	Lyons	LYON5C25	1912	52.42
145	241	Dimmitt South	DIMSDI110	356	51.22
146	144	Highland Park	HIGH5325	259	50.43
147	272	Westridge	WRIDP450	1481	50.37
148	112	Canyon West	CANW7128	1550	50.34
149	125	Littlefield South	LITSLI110	1578	49.32
150	19	Dumas 19th Stre	DU191371	1958	48.55
151	210	Doss	DOSSS400	1033	48.11
152	80	Doss	DOSS6670	1720	47.59
153	130	Manhattan	MANH7160	1220	47.51
154	132	Cherry	CHER5C10	1098	46.88
155	122	Adobe Creek	ADOB1115	86	46.38
156	175	Bennett	BENNS290	69	46.12
157	13	Conway	CONW5010	1336	45.75
158	157	Dumas 19th Stre	DU191367	2117	45.48
159	171	Soncy	SONC5130	724	45.46
160	79	Bowers	BOWE2053	46	45.20
161	209	34th Street	34ST5B95	1595	44.93
162	215	South Georgia	SGEO5B40	1540	44.78
163	262	Olton	OLTOSO170	648	43.79
164	129	Waterfield	WTRF2361	362	43.57
165	264	Plainview West	PLVWP130	669	42.91
166	243	Puckett West	PUCW5C30	739	41.00
167	208	Estacado	ESTA5D15	600	40.48
168	244	Arrowhead	ARRO5D80	358	40.19
169	65	Lawrence Park	LAWR5025	1736	39.46
170	242	Arrowhead	ARRO5D85	1900	39.40
171	145	Morton	MORTM120	164	38.99
172	109	Canadian	CANA340	444	38.80
173	196	Centre Street	CENT5305	2661	38.72
174	317	Allred	ALLRS140	287	38.45
175	301	Dimmitt East	DIMEDI150	870	37.09
176	31	Springlake	SPRISO150	319	37.07
177	86	Bennett	BENNS345	979	35.30
178	164	Vega	VEGA5170	58	35.19
179	151	Tuco	TUCON412	737	34.45
180	85	Aiken Rural	AIKRLA110	119	34.34
181	NA	Seminole Interch	SEM6E10	213	34.17
182	296	Levelland East	LEVELV950	443	32.52
183	176	Van Buren	VANB7048	335	32.48
184	137	34th Street	34ST5B90	941	32.47
185	159	Van Buren	VANB7044	820	32.44
186	17	McLean Rural	MCLE5300	749	31.63
187	71	Garza	GARZPO120	331	31.38
188	286	Doss	DOSSS410	188	30.72

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Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2013 SAIDI Ranking	2012 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIDI Value
189	279	Plainview West	PLVWP120	1686	30.68
190	333	Fain	FAIN1105	46	30.57
191	88	Lawrence Park	LAWR5030	1578	30.52
192	234	Kite	KITE7106	644	29.45
193	111	Hastings	HAST7078	3980	28.86
194	27	Dalhart	DALH1664	74	28.45
195	143	Industrial	INDU1412	1028	28.32
196	183	Prentice	PRENS875	13	28.23
197	212	Garza	GARZ6500	704	27.80
198	231	Fritch	FRIT1364	1876	27.72
199	227	Perryton	PERR1530	676	27.53
200	158	West Borger	WBOR1A10	1156	26.91
201	26	Lawrence Park	LAWR5050	1168	26.79
202	300	Zavala	ZAVALV780	11	26.36
203	168	Osage	OSAG6040	1675	26.35
204	284	Elwood	ELWOLV140	58	25.86
205	6	Barwise	BARW1B140	106	25.76
206	45	Cedar Lake East	CEDES910	23	25.39
207	277	Plainview South	PLVSP230	552	25.23
208	47	Muleshoe West	MULWMR140	782	25.17
209	245	McCullough	MCCU5085	1226	25.08
210	36	Bush	BUSH5205	1686	25.05
211	197	Denver City East	DENES110	756	24.70
212	182	South Georgia	SGEO5B30	1428	24.65
213	140	East Plant	EPLAA126	633	23.37
214	323	Farmers	FARM5385	163	23.07
215	217	Plainview East	PLVEP180	300	22.75
216	200	Weatherly	WEAT1350	1487	22.24
217	149	Bennett	BENNS365	51	21.69
218	119	Slaton	SLAT6600	1084	20.48
219	174	Pierce	PIER5B05	984	19.95
220	274	Estacado	ESTA5D60	1981	19.78
221	223	Tokio	TOKIS800	42	19.36
222	340	Sunset	SUNS5D30	56	19.25
223	193	Russell	RUSSS385	72	18.81
224	246	South Georgia	SGEO5B35	1694	18.74
225	134	Pierce	PIER5B10	827	18.66
226	152	Hereford	HERE2627	1560	18.20
227	70	Hale Center	HACTHR110	1118	18.13
228	310	Canadian	CANA350	257	18.09
229	330	Moore Co	MOORM065	923	17.59
230	166	Dalhart	DALH1246	1590	17.09
231	66	Lariat	LARIMR110	53	17.00
232	327	Riley	RILES500	46	16.87
233	90	Etter Rural	ETTR5410	688	16.86
234	146	Morton	MORTM130	881	16.68
235	153	East Plant	EPLAA122	1301	16.67
236	341	Whitaker	WHIT5265	72	16.60

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Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2013 SAIDI Ranking	2012 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIDI Value
237	268	Spearman	SPEA401	360	15.84
238	287	Puckett West	PUCW5C60	118	15.66
239	266	Dalhart	DALH1298	1402	15.58
240	314	Jaybee	JAYBS765	44	15.57
241	222	Perryton	PERR1535	1163	15.36
242	160	South Floydada	SFLO3547	289	15.31
243	169	South Georgia	SGEO2338	3294	15.26
244	186	Lynn	LYNN6340	621	15.20
245	115	Sherman County	SHER1456	1050	15.02
246	21	Lawrence Park	LAWR5275	1209	14.84
247	304	Dalhart	DALH114	315	14.70
248	278	Booker	BOOK535	246	14.40
249	189	Denver City East	DENES100	922	14.38
250	107	Canyon West	CANW7124	2233	14.20
251	16	Lynn	LYNN6510	263	14.16
252	14	Lake Meredith	LAKM2B55	37	13.57
253	124	Hendrick	HEND6675	1243	13.43
254	216	Boardman	BOARS430	15	13.33
255	108	Sunset	SUNS5D40	1379	13.28
256	103	Friona Rural	FRIO2436	1673	12.87
257	84	Cherry	CHER5C15	1606	12.72
258	20	Lockney Rural	LOCRLA140	73	12.45
259	206	Brisco	BRIS3434	487	12.04
260	15	Lockney Rural	LOCRLA150	94	11.09
261	205	Estacado	ESTA5D65	1082	10.41
262	63	Kress Rural	KRERKR110	340	10.38
263	163	Hereford	HERE2630	704	10.03
264	220	Slaton	SLATSL140	565	10.01
265	255	Dawn	DAWN5A40	33	9.67
266	238	Levelland East	LEVELV960	926	9.64
267	285	Kite	KITE5075	1226	9.55
268	275	Sherman County	SHER1448	11	9.27
269	192	Slaton	SLATSL150	445	9.18
270	236	South Georgia	SGEO2346	1115	8.97
271	256	Manhattan	MANH5135	699	8.92
272	237	Hendrick	HEND6685	1071	8.91
273	258	Perryton	PERR1230	829	8.84
274	269	Van Buren	VANB7194	271	8.54
275	190	Curry County Int	CURX3486	243	8.36
276	219	Coulter	COUL5285	1108	8.33
277	60	Coulter	COUL5290	1809	7.88
278	271	Hastings	HAST7082	1413	7.73
279	291	Estacado	ESTA5D10	2553	7.69
280	313	McCullough	MCCU7002	1320	7.69
281	303	Dimmitt South	DIMSDI120	352	7.61
282	311	Amherst	AMHEAM620	351	7.25
283	342	Whitharral	WHITLV710	96	7.25
284	322	Spearman	SPEA301	437	7.25

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Service Quality Report to the Public Utility Commission of Texas

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2013 SAIDI Ranking	2012 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIDI Value
285	110	Littlefield City	LITCLI620	99	7.19
286	141	Soncy	SONC7024	1225	7.14
287	325	Sudan Rural	SUDRSR120	472	6.62
288	312	Plainview North	PLVNP270	143	6.48
289	305	Farwell	FARWFA610	255	6.35
290	233	Doss	DOSSS495	939	6.19
291	59	Lockney Rural	LOCR3417	938	6.15
292	328	Muleshoe City	MULCMU610	126	6.07
293	281	Dalhart	DALH116	251	5.73
294	89	Dalhart	DALH1580	343	5.63
295	214	Levelland City	LEVCLV190	2242	5.59
296	247	Weatherly	WEAT1354	781	5.19
297	270	Riley	RILES510	56	4.82
298	43	Plainview South	PLVSP220	1127	4.75
299	253	Dimmitt East	DIMEDI180	446	4.54
300	282	Lyons	LYON5C20	1423	4.53
301	292	Littlefield West	LITWLI156	243	4.52
302	187	Soncy	SONC7116	61	4.33
303	290	Muleshoe Valley	MULVMR150	632	4.21
304	225	Brownfield	BROW6580	293	3.92
305	204	Dalhart	DALH106	187	3.85
306	309	Dalhart	DALH108	293	3.84
307	252	Bush	BUSH5215	1250	3.81
308	232	Muleshoe East	MULEMU640	139	3.77
309	102	Muleshoe West	MULWMR130	73	3.61
310	276	Plainview West	PLVWP110	1132	3.60
311	288	Puckett West	PUCW5C35	1902	3.51
312	302	Muleshoe City	MULCMU620	170	3.39
313	294	Plainview City	PLVCP630	502	3.38
314	265	Whiteface	WHITLV220	252	3.23
315	321	Amherst	AMHEAM610	29	2.90
316	184	Canyon East	CANE5185	793	2.70
317	203	Hart	HARTHA110	99	2.70
318	267	Farwell	FARWFA620	52	2.37
319	306	Muleshoe East	MULEMU630	507	2.24
320	251	Plainview City	PLVCP620	358	2.10
321	218	Van Buren	VANB7190	52	1.85
322	5	Lehman	LEHMLV510	58	1.81
323	207	Booker	BOOK421	112	1.80
324	324	Spearman	SPEA402	360	1.64
325	315	Southland	SOUTSO110	102	0.63
326	104	Littlefield South	LITSLI120	221	0.62
327	298	Hillside	HILS2B15	1039	0.38
328	NA	Levelland City	LEVCLV520	157	0.28
329	32	Estacado	ESTA5D70	748	0.19
330	331	Adair	ADAIS790	13	0.00
331	194	Coulter	COUL5280	864	0.00
332	332	Diekemper	DEIKDE110	55	0.00

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Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2013 SAIDI Ranking	2012 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2013 SAIDI Value
333	334	Hillside	HILS2B05	71	0.00
334	62	Middleton	MIDDLV810	18	0.00
335	52	Pacific	PACILV930	10	0.00
336	320	Parmer County	PARM2465	33	0.00
337	329	Plainview City	PLVCP670	57	0.00
338	337	Plainview City	PLVCP680	77	0.00
339	338	Plainview City	PLVCP690	103	0.00
340	316	Sherman County	SHER1452	34	0.00
341	154	Texaco	TEXALV980	24	0.00

PROJECT NO. 42146

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2013 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	15.21%
Vegetation	2.73%
Animals and Birds	4.20%
People (Including cars and farm equip)	11.01%
Utility-owned Equipment	51.79%
Other	5.84%
Unknown	9.22%
	100.00%