



Control Number: 32237



Item Number: 21

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**Service Quality Report**  
To The  
**Public Utility Commission of Texas**  
In Accordance With  
**Substantive Rule §25.81**  
**2005 Reporting Year**

**Xcel Energy**

Revised Report

**Project 32237**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

<b>System SAIFI</b>	<b>Annual</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Forced</b>	0.41	0.02	0.01	0.02	0.05	0.06	0.04	0.06	0.05	0.03	0.03	0.03	0.03
<b>2005</b>													
<b>Scheduled</b>	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
<b>2005</b>													
<b>Outside Causes</b>	0.32	0.05	0.01	0.02	0.01	0.05	0.03	0.06	0.06	0.00	0.02	0.00	0.01
<b>2005</b>													
<b>Major Events</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>2005</b>													

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

<b>System SAIDI</b>	<b>Annual</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Forced</b>	36.49	1.53	0.41	1.32	2.62	4.59	3.87	7.31	6.07	2.90	2.40	1.94	1.54
<b>2005</b>													
<b>Scheduled</b>	0.70	0.01	0.02	0.10	0.07	0.07	0.11	0.00	0.07	0.01	0.04	0.15	0.05
<b>2005</b>													
<b>Outside Causes</b>	26.41	2.03	0.40	1.34	0.19	12.42	1.74	3.87	2.49	0.03	1.50	0.00	0.40
<b>2005</b>													
<b>Major Events</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>2005</b>													

## 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 More Than 10 Customers

<b>361</b>
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Add or Delete Rows as Necessary

**Xcel Energy**

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
1	94	Perryton	1535	879	5.00
2	204	Palo Duro	5235	160	4.56
3	195	Kingsmill	5105	388	4.32
4	349	Dalhart	106	150	3.97
5	255	Booker	33-08	1228	3.84
6	3	Herring	1434	1297	3.82
7	10	Monroe	6610	517	3.17
8	176	Kingsmill	5115	779	2.83
9	36	Elwood	LV140	70	2.73
10	111	Burnett	1394	129	2.67
11	314	Tascosa	1222	46	2.54
12	31	Waterfield	2364	361	2.49
13	152	Muleshoe East	MU630	296	2.29
14	40	Buffalo	5165	276	2.22
15	57	Moss	6540	315	2.18
16	206	Barwise	IB130	68	2.16
17	92	Tascosa	1218	174	2.14
18	297	Bennett	S345	1117	2.14
19	69	Lariat	MR110	100	2.13
20	67	Irick	IB110	55	2.11
21	139	Murphy	7535	1572	2.11
22	43	Lynn	6510	316	2.05
23	338	South Floydada	3547	823	2.02
24	279	Plainview East	P160	573	2.02
25	231	Dimmitt South	DI120	353	1.86
26	173	Sudan Rural	SR110	35	1.86
27	113	Springlake	SO150	73	1.81
28	301	Farwell	FA610	403	1.79
29	125	McLean Rural	5300	850	1.73
30	141	Fritch	1360	826	1.61
31	144	West Borger	1A15	1575	1.60
32	45	Pacific	LV940	72	1.58
33	215	Plainview South	P210	102	1.58
34	166	Grave	7178	1524	1.56
35	35	Bowers	5090	149	1.50
36	55	Cherry	5C15	1108	1.45
37	28	Zavalla	LV790	13	1.38
38	109	Lockney Rural	3421	17	1.35
39	154	Friona Rural	2436	1651	1.35
40	271	Van Buren	7046	1729	1.35
41	272	Indiana	7440	65	1.34
42	130	Springcreek	1320	174	1.32
43	150	Arrowhead	5D80	225	1.24
44	172	Doud	6325	1633	1.23
45	213	Perryton	1230	917	1.21
46	24	Russell	S280	96	1.21
47	318	Estacado	5D65	762	1.20
48	131	Flanagan	S550	40	1.20
49	82	Plainview East	P150	181	1.19
50	33	Allred	S180	112	1.19

## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
51	75	Lawrence Park	5315	705	1.17
52	145	Kingsmill	5110	229	1.15
53	259	Stanton	6410	644	1.15
54	104	Highland Park	5335	810	1.14
55	241	Plainview North	P260	1559	1.13
56	20	Farmers	5395	665	1.13
57	132	Stanton	6430	583	1.12
58	11	Indiana	7465	42	1.12
59	233	Tenneco	S440	175	1.11
60	89	Soncy	7020	860	1.09
61	261	Lyons	5C20	1476	1.09
62	128	Plainview West	P120	1756	1.09
63	179	Wellman	S755	228	1.07
64	224	Etter Rural	5405	969	1.07
65	48	Hale Center	HC610	370	1.07
66	2	Channing	1564	17	1.06
67	158	Westridge	P460	457	1.04
68	118	Bowers	2053	46	1.04
69	102	Plainview South	P220	1519	1.04
70	306	Carlisle	6635	841	1.03
71	330	Allmon	AT120	658	1.03
72	305	Plainview West	P130	603	1.02
73	262	East Plant	A118	1704	1.01
74	103	Riley	S500	42	1.00
75	114	Lewters	L470	47	1.00
76	236	Slaton	6600	575	1.01
77	331	Coulter	5290	830	1.01
78	292	Garza	6500	504	1.00
79	167	Whitaker	5260	1362	0.98
80	70	Exell	1238	158	0.96
81	44	Allen	L505	133	0.94
82	244	West Borger	1A10	914	0.91
83	117	Conway	5010	976	0.90
84	22	Dumas 19th Street	1498	27	0.89
85	34	Indiana	7480	1250	0.89
86	163	Happy	7040	304	0.87
87	164	Cherry	5C10	835	0.86
88	202	Whiteface	LV210	154	0.85
89	14	Pullman	2A40	101	0.83
90	65	Ivory	L680	103	0.81
91	274	Farwell	FA620	738	0.79
92	84	Dalhart	1664	63	0.78
93	140	Dawn	5A35	323	0.76
94	76	Roxana	2076	873	0.76
95	205	Highland Park	5325	312	0.76
96	148	Bowers	2057	589	0.71
97	51	Riverview	R090	29	0.69
98	120	Olton	SO170	633	0.66
99	159	South Georgia	2338	3292	0.62
100	61	Dimmitt South	DI110	361	0.60
101	142	Manhattan	5135	655	0.60
102	134	Wildorado	2014	189	0.53
103	189	Indiana	7450	1452	0.53
104	186	Roberts County	7010	565	0.53
105	71	Carson County	7034	97	0.53

## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
106	177	Southeast	5C80	383	0.50
107	247	Sherman County	1456	952	0.50
108	116	Plainview East	P180	110	0.46
109	329	Exell	1242	109	0.46
110	121	Kite	5B80	1051	0.46
111	37	Springlake	SO140	54	0.44
112	66	Hart	HA110	89	0.44
113	200	Southeast	5C85	2416	0.44
114	201	Arrowhead	5D85	1428	0.43
115	52	Carson County	7030	82	0.43
116	138	Yellowhouse	LV900	30	0.40
117	136	Mulshoe West	MR130	98	0.40
118	243	Kingsmill	5100	128	0.39
119	326	Brownfield	6580	349	0.39
120	282	McCullough	5085	1318	0.38
121	41	Sherman County	1452	32	0.38
122	321	Murphy	7430	941	0.37
123	7	Vega	5170	646	0.37
124	46	Middleton	LV820	54	0.37
125	302	Canadian	340	426	0.36
126	197	Stanton	6570	98	0.36
127	93	Riverview	R095	730	0.35
128	105	Stanton	L540	632	0.35
129	126	Canyon East	5190	1162	0.34
130	79	Levelland City	LV180	2658	0.33
131	210	Allen	L745	641	0.33
132	122	Bush	5205	1277	0.32
133	222	Bennett	S290	130	0.30
134	198	Wheelock	7365	1402	0.29
135	221	Canyon West	7124	2244	0.28
136	281	Pierce	5B05	1016	0.27
137	229	Whitaker	5270	1993	0.26
138	38	Tuco	N404	889	0.26
139	26	Boardman	S560	112	0.26
140	155	Tokio	S800	103	0.25
141	74	Sunset	5D35	763	0.25
142	90	Herring	1438	155	0.25
143	32	Doss	6660	294	0.24
144	123	Estacado	5D15	880	0.24
145	21	Hastings	7074	1673	0.24
146	294	Canyon East	5185	452	0.24
147	237	34th Street	5B90	873	0.24
148	280	Industrial	1412	805	0.24
149	18	Diekemper	DE110	21	0.24
150	356	Acco	L580	157	0.24
151	171	Bush	5210	2185	0.23
152	16	East Plant	A110	895	0.23
153	227	Lawrence Park	5050	1056	0.22
154	9	Barwise	IB140	65	0.22
155	124	Doss	6670	1932	0.21
156	137	Dalhart	1298	1021	0.21
157	184	Lehman	LV510	240	0.21
158	80	Boardman	S430	48	0.21
159	252	Mulshoe Valley	MR150	340	0.20
160	162	Mulshoe West	MR140	688	0.20

## Service Quality Report to the Public Utility Commission of Texas

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2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
161	149	Hastings	7082	1344	0.20
162	360	Adair	S790	15	0.20
163	15	Dalhart	1246	1335	0.20
164	263	Dimmitt East	DI150	515	0.20
165	160	34th Street	5B85	1717	0.20
166	60	Waterfield	2368	251	0.20
167	56	Riverview	R100	429	0.19
168	1	County Line	CL110	21	0.19
169	199	Parmer County	2475	808	0.19
170	191	Denver City East	S100	1163	0.19
171	4	West Anton	3502	688	0.19
172	58	Planters	L710	1006	0.18
173	5	Spearman Int	1512	905	0.18
174	175	Hastings	7078	2953	0.18
175	350	South Floydada	3551	33	0.18
176	256	Springcreek	1316	434	0.18
177	194	South Georgia	2346	977	0.18
178	336	South Georgia	2342	782	0.18
179	269	Hereford	2630	1185	0.18
180	260	Levelland City	LV190	2541	0.18
181	64	Lockney Rural	LA140	97	0.18
182	147	Carlisle	6650	1488	0.17
183	216	Centre Street	5305	2357	0.16
184	286	Pierce	5B00	1140	0.16
185	174	Weatherly	1350	733	0.16
186	234	Dalhart	116	302	0.16
187	17	Kress Rural	KR120	148	0.16
188	207	Lawrence Park	5030	733	0.16
189	78	Dumas 19th Street	1371	1015	0.16
190	235	McCullough	7002	1684	0.16
191	211	West Borger	1A20	815	0.16
192	30	Weatherly	1354	765	0.16
193	62	Ivory	L685	967	0.16
194	270	Coulter	5280	798	0.15
195	8	Canyon West	7128	3350	0.15
196	49	Prentice	S875	40	0.15
197	257	Hereford	2627	1697	0.15
198	353	Van Buren	7190	68	0.15
199	249	Morton	M130	511	0.15
200	333	Doud	6345	451	0.14
201	355	Bainer	BA601	14	0.14
202	77	Manhattan	7164	1285	0.14
203	266	Olton	SO180	635	0.14
204	311	Wildorado	2018	257	0.14
205	316	Farmers	5390	2803	0.14
206	296	Wheelock	7370	1506	0.14
207	303	Lawrence Park	5025	1740	0.14
208	253	Doud	6305	1370	0.14
209	135	East Plant	A126	609	0.13
210	183	Littlefield City	LI640	673	0.13
211	182	Industrial	1416	706	0.13
212	196	Littlefield South	LI110	1495	0.13
213	27	Hastings	7086	659	0.13
214	264	Hart	HA120	591	0.13
215	23	Mallet	LV120	16	0.13



## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
216	276	Van Buren	7198	1778	0.12
217	95	Allen	L520	895	0.12
218	312	Puckett West	5C35	1877	0.12
219	153	Lyons	5C25	2078	0.12
220	300	Clutter	6630	402	0.11
221	185	South Georgia	5B40	2460	0.11
222	334	Van Buren	7044	940	0.11
223	250	Manhattan	7160	1313	0.11
224	19	Aiken Rural	LA110	112	0.11
225	91	Fain	1105	28	0.11
226	335	Levelland East	LV950	410	0.10
227	230	Levelland East	LV960	1083	0.10
228	310	Kite	5075	1280	0.10
229	165	Doss	S400	1275	0.10
230	337	Estacado	5D70	481	0.10
231	81	Plainview West	P110	1026	0.10
232	133	Roxana	2334	207	0.10
233	212	Kite	7106	618	0.10
234	251	South Georgia	5B30	1399	0.10
235	309	Dalhart	114	495	0.09
236	308	Spearman	301	443	0.09
237	238	Lawrence Park	5275	1277	0.09
238	248	Littlefield West	L1156	259	0.09
239	53	Lehman	LV500	207	0.09
240	283	Denver City East	S110	1885	0.09
241	239	Batton	L650	287	0.09
242	320	Spearman	401	411	0.09
243		Indiana	7445	983	0.09
244	97	Conway	5005	1834	0.09
245	83	Plant X	X310	1034	0.09
246	240	Estacado	5D10	2586	0.08
247	115	Whitharral	LV710	120	0.08
248	187	Fritch	1364	2064	0.08
249	245	Batton	L640	670	0.08
250	73	Lockney Rural	LA150	86	0.08
251	220	Canadian	325	406	0.08
252	169	Centre Street	5310	1356	0.08
253	54	Jaybee	S765	37	0.08
254	170	Allen	L750	625	0.08
255	6	Channing	1568	25	0.08
256	87	Littlefield South	L1120	63	0.08
257	68	South Georgia	5B35	1543	0.08
258	284	Stanton	6420	548	0.08
259	193	Dumas 19th Street	1367	1772	0.08
260	254	Texaco	LV980	26	0.08
261	265	Amherst	AM620	456	0.08
262	161	Coble	LV835	252	0.08
263	258	Brisco	3434	560	0.08
264	278	Whiteface	LV220	312	0.07
265	192	McCullough	7005	1564	0.07
266	246	Estacado	5D20	544	0.07
267	288	Westridge	P450	1389	0.07
268	214	Happy	2326	360	0.06
269	47	Moore Co	M055	33	0.06
270	287	Cedar Lake East	S910	33	0.06

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
271	232	Moss	6320	1845	0.06
272	218	Canyon West	5160	668	0.06
273	42	Allred	S140	53	0.06
274	29	Doud	6480	1652	0.06
275	12	Canadian	335	182	0.05
276	13	Etter Rural	5410	407	0.05
277	208	Clutter	6620	1424	0.05
278	242	Whitaker	5265	38	0.05
279	119	Irick	IB120	20	0.05
280	96	Plainview South	P230	622	0.05
281	156	Amherst	AM610	41	0.05
282	291	Acco	L570	206	0.05
283	127	Kress Rural	KR140	147	0.05
284	25	Moore Co	M060	127	0.05
285	98	Dumas 19th Street	1470	2623	0.05
286	110	Soncy	7116	66	0.05
287	226	Batton	L624	860	0.05
288	86	Lockney Rural	3417	1111	0.05
289	358	Garza	PO120	595	0.04
290	99	Allen	L510	850	0.04
291	88	Parmer County	2465	23	0.04
292	50	Zavalla	LV780	23	0.04
293	267	Kingsmill	5095	48	0.04
294	188	Farmers	5385	231	0.04
295	273	Lawrence Park	5020	1471	0.04
296	319	Muleshoe City	MU610	571	0.04
297	328	Muleshoe City	MU620	737	0.04
298	277	Middleton	LV810	27	0.04
299	295	34th Street	5B95	1974	0.04
300	344	Van Buren	7048	433	0.04
301	304	Dalhart	108	363	0.04
302	168	Soncy	5130	1178	0.04
303	317	Plainview City	P620	433	0.03
304	340	Perryton	1530	1040	0.03
305	352	Sunset	5D30	29	0.03
306	285	Spearman	302	642	0.03
307	106	Sudan Rural	SR120	558	0.03
308	357	Plainview City	P670	235	0.03
309	209	Littlefield City	LI610	617	0.03
310	275	East Plant	A122	1326	0.03
311	151	Dimmitt East	DI180	442	0.03
312	332	Sherman County	1448	807	0.03
313	146	Kress Rural	KR110	369	0.03
314	63	Doss	S410	159	0.03
315	85	Soncy	7024	2101	0.03
316	346	Booker	535	264	0.03
317	324	Muleshoe East	MU640	266	0.03
318	325	Batton	L622	733	0.03
319	345	Puckett West	5C60	710	0.03
320	293	Pierce	5B10	841	0.03
321	180	Wheelock	7375	682	0.03
322	190	Dalhart	1580	402	0.03
323	339	Spearman	402	348	0.02
324	39	Littlefield City	LI630	306	0.02
325	203	Waterfield	2361	487	0.02

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
326	323	Coulter	5285	1336	0.02
327	225	Puckett West	5C30	944	0.02
328	217	Vickers	6680	1588	0.02
329	343	Levelland City	LV520	210	0.02
330	219	Bush	5215	739	0.02
331	228	Garza	6520	533	0.02
332	299	Morton	M120	765	0.02
333	298	Plainview City	P630	760	0.01
334	112	Plainview North	P270	142	0.01
335	223	Lynn	6340	634	0.01
336	354	Van Buren	7194	414	0.01
337	313	Ivory	L682	166	0.01
338	107	Hendrick	6685	1429	0.01
339	290	Canadian	350	227	0.01
340	100	Plainview City	P690	210	0.00
341	348	Tuco	N412	651	0.00
342	143	Allen	L740	901	0.00
343	347	Hale Center	HR110	849	0.00
344	342	Lynn	6300	976	0.00
345	341	Hendrick	6675	1657	0.00
346	108	Perryton	1235	1340	0.00
347	268	Slaton	SL140	1291	0.00
348	101	Slaton	SL150	1055	0.00
349	72	Slaton	6690	903	0.00
350	289	Garza	PO110	636	0.00
351	351	Channing	450	219	0.00
352	181	Booker	422	212	0.00
353	307	Booker	421	187	0.00
354	157	Littlefield City	LI620	166	0.00
355	322	Riley	S510	127	0.00
356	315	Southland	SO110	115	0.00
357	327	Plainview City	P680	100	0.00
358	59	Wade	1420	63	0.00
359	359	Flanagan	S540	39	0.00
360	178	Pacific	LV930	11	0.00
361	129	Brisco	3457	10	0.00

# 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 More Than 10 Customers

<b>361</b>
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Add or Delete Rows as Necessary

## **Xcel Energy**

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
1	203	Booker	33-08	1228	639.82
2	94	Springcreek	1320	174	597.83
3	168	Kingsmill	5105	388	453.98
4	98	Barwise	IB130	68	422.91
5	65	Perryton	1535	879	419.00
6	28	Buffalo	5165	276	395.98
7	47	Tascosa	1218	174	374.22
8	17	Burnett	1394	129	365.50
9	22	Monroe	6610	517	357.85
10	14	Pacific	LV940	72	339.74
11	33	Waterfield	2364	361	326.34
12	273	Farwell	FA610	403	289.82
13	110	Lockney Rural	3421	17	277.35
14	9	Elwood	LV140	70	275.89
15	328	Tascosa	1222	46	268.26
16	30	Lariat	MR110	100	266.25
17	11	Herring	1434	1297	258.93
18	156	Fritch	1360	826	246.58
19	223	Palo Duro	5235	160	238.10
20	279	Plainview South	P210	102	229.55
21	294	Bennett	S345	1117	199.04
22	70	Flanagan	S550	40	195.03
23	7	Riverview	R090	29	194.90
24	113	Lynn	6510	316	191.89
25	222	Slaton	6600	575	191.69
26	67	Bowers	5090	149	191.37
27	64	Cherry	5C15	1108	187.63
28	82	Dimmitt South	DI110	361	184.55
29	54	Exell	1238	158	174.73
30	256	Farwell	FA620	738	172.43
31	53	Springlake	SO150	73	171.81
32	79	Moss	6540	315	168.68
33	207	Tenneco	S440	175	156.13
34	173	Bowers	2053	46	155.00
35	76	Russell	S280	96	153.42
36	185	Whiteface	LV210	154	148.18
37	263	Plainview East	P160	573	147.19
38	27	Conway	5010	976	142.91
39	119	Sudan Rural	SR110	35	142.86
40	136	Muleshoe East	MU630	296	142.32
41	51	Indiana	7465	42	136.71
42	115	McLean Rural	5300	850	135.13
43	267	Indiana	7440	65	135.00

## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
44	189	Cherry	5C10	835	128.69
45	130	Hale Center	HC610	370	123.79
46	81	Riley	S500	42	123.71
47	131	Wellman	S755	228	120.57
48	92	Irick	IB110	55	119.00
49	142	Whitaker	5260	1362	118.68
50	159	Southeast	5C80	383	116.92
51	29	Farmers	5395	665	113.26
52	46	Ivory	L680	103	109.55
53	162	Roberts County	7010	565	106.42
54	73	Allred	S180	112	106.38
55	349	Dalhart	106	150	103.82
56	190	Indiana	7450	1452	98.48
57	341	South Floydada	3547	823	96.75
58	254	Kingsmill	5115	779	96.37
59	258	Sherman County	1456	952	95.88
60	166	Plainview West	P120	1756	94.17
61	356	Acco	L580	157	92.11
62	118	Highland Park	5325	312	91.49
63	16	Zavalla	LV790	13	90.54
64	25	Dumas 19th Street	1498	27	89.70
65	49	Highland Park	5335	810	87.31
66	245	East Plant	A118	1704	87.05
67	149	South Georgia	2338	3292	85.40
68	243	Dimmitt South	DI120	353	83.17
69	78	Lewters	L470	47	82.89
70	13	Channing	1564	17	81.24
71	68	Plainview East	P150	181	80.80
72	140	Dawn	5A35	323	80.43
73	242	Van Buren	7046	1729	80.37
74	126	Murphy	7535	1572	80.10
75	66	Olton	SO170	633	75.75
76	31	Sherman County	1452	32	73.81
77	87	Riverview	R095	730	72.69
78	93	Indiana	7480	1250	71.68
79	85	Westridge	P460	457	69.48
80	181	Happy	7040	304	68.80
81	231	Etter Rural	5405	969	68.08
82	90	Allen	L505	133	67.47
83	158	Arrowhead	5D85	1428	64.77
84	232	Perryton	1230	917	64.70
85	86	Friona Rural	2436	1651	64.36
86	151	Kingsmill	5110	229	62.05
87	88	Bowers	2057	589	61.65
88	146	Doud	6325	1633	61.47
89	192	West Borger	1A15	1575	60.77
90	34	Boardman	S560	112	59.93
91	56	Soncy	7020	860	59.50

## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
92	129	Grave	7178	1524	59.02
93	26	Pullman	2A40	101	58.92
94	12	Vega	5170	646	57.81
95	4	Carson County	7034	97	56.79
96	224	Stanton	6410	644	55.45
97	353	Van Buren	7190	68	55.15
98	193	Wheelock	7365	1402	54.33
99	121	Arrowhead	5D80	225	52.39
100	123	Dalhart	1664	63	51.10
101	144	Yellowhouse	LV900	30	50.80
102	43	Tuco	N404	889	50.70
103	77	Doss	6660	294	50.52
104	120	Wildorado	2014	189	50.38
105	248	Plainview North	P260	1559	49.82
106	35	Hart	HA110	89	47.85
107	71	Roxana	2076	873	45.90
108	312	Lyons	5C20	1476	45.77
109	191	South Georgia	2346	977	45.49
110	112	Stanton	L540	632	44.83
111	20	Middleton	LV820	54	42.28
112	61	Plainview East	P180	110	41.27
113	122	Weatherly	1354	765	40.25
114	32	Springlake	SO140	54	40.02
115	36	Sunset	5D35	763	39.23
116	335	Murphy	7430	941	38.13
117	180	Southeast	5C85	2416	37.76
118	336	Estacado	5D65	762	36.28
119	289	Kingsmill	5100	128	36.27
120	200	Stanton	6430	583	35.00
121	311	Brownfield	6580	349	34.95
122	327	Allmon	AT120	658	34.83
123	167	Lehman	LV510	240	34.75
124	128	Manhattan	5135	655	34.51
125	117	Plainview South	P220	1519	34.03
126	230	Allen	L745	641	33.03
127	296	Wheelock	7370	1506	31.86
128	57	Herring	1438	155	30.65
129	187	34th Street	5B90	873	29.61
130	55	Lawrence Park	5315	705	29.20
131	42	Hastings	7074	1673	28.75
132	102	Estacado	5D15	880	28.64
133	3	Carson County	7030	82	28.24
134	15	Riverview	R100	429	27.99
135	332	Exell	1242	109	27.28
136	210	Whitaker	5270	1993	27.16
137	238	Coulter	5280	798	26.49
138	59	East Plant	A110	895	26.38
139	318	Farmers	5390	2803	25.53

## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
140	275	Pierce	5B05	1016	25.46
141	240	Lawrence Park	5030	733	25.13
142	152	Bush	5205	1277	25.03
143	96	Ivory	L685	967	24.46
144	147	Levelland City	LV180	2658	24.40
145	235	West Borger	1A10	914	24.25
146	277	Muleshoe Valley	MR150	340	24.24
147	10	Spearman Int	1512	905	23.67
148	176	Boardman	S430	48	23.65
149	148	Carlisle	6650	1488	23.42
150	114	Hastings	7082	1344	23.12
151	214	Bennett	S290	130	23.08
152	105	Tokio	S800	103	22.93
153	60	Planters	L710	1006	22.70
154	174	Muleshoe West	MR130	98	22.09
155	125	Canyon East	5190	1162	21.87
156	161	Muleshoe West	MR140	688	21.81
157	171	Stanton	6570	98	20.87
158	246	Levelland City	LV190	2541	20.86
159	338	Doud	6345	451	20.53
160	303	Carlisle	6635	841	20.01
161	298	Coulter	5290	830	19.87
162	154	Kite	5B80	1051	19.83
163	195	West Borger	1A20	815	19.62
164	319	Canadian	340	426	19.62
165	268	Canyon West	7124	2244	18.64
166	197	Hastings	7078	2953	18.49
167	326	Levelland East	LV950	410	17.95
168	269	Doud	6305	1370	17.90
169	321	Canyon East	5185	452	17.89
170	249	Hart	HA120	591	17.73
171	40	Prentice	S875	40	17.58
172	5	West Anton	3502	688	17.20
173	116	East Plant	A126	609	17.15
174	281	McCullough	5085	1318	16.96
175	75	Roxana	2334	207	16.59
176	219	Parmer County	2475	808	16.54
177	150	Industrial	1416	706	16.50
178	241	South Georgia	5B30	1399	16.45
179	286	Hereford	2630	1185	16.18
180	141	Doss	6670	1932	15.99
181	41	Lehman	LV500	207	15.92
182	83	Waterfield	2368	251	15.80
183	247	Olton	SO180	635	15.71
184	100	Lawrence Park	5275	1277	15.62
185	282	Plainview West	P130	603	15.61
186	255	Lawrence Park	5025	1740	15.57
187	285	Hereford	2627	1697	15.26

## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
188	360	Adair	S790	15	15.20
189	293	Kite	7106	618	14.84
190	38	Aiken Rural	LA110	112	14.74
191	48	Kress Rural	KR120	148	14.66
192	170	Bush	5210	2185	14.55
193	2	Barwise	IB140	65	14.42
194	204	Pierce	5B00	1140	14.29
195	272	Industrial	1412	805	14.17
196	216	Lawrence Park	5050	1056	13.36
197	8	Mallet	LV120	16	13.06
198	283	Springcreek	1316	434	13.02
199	52	Lockney Rural	LA140	97	12.78
200	177	34th Street	5B85	1717	12.78
201	107	Manhattan	7164	1285	12.71
202	135	Plainview West	P110	1026	12.67
203	213	Estacado	5D10	2586	12.48
204	205	Van Buren	7198	1778	12.45
205	198	Dalhart	1298	1021	12.23
206	1	County Line	CL110	21	11.81
207	253	Stanton	6420	548	11.69
208	134	Weatherly	1350	733	11.62
209	18	Hastings	7086	659	11.48
210	287	Garza	6500	504	11.00
211	221	Dumas 19th Street	1371	1015	10.76
212	186	Dalhart	116	302	10.75
213	297	Puckett West	5C35	1877	10.72
214	239	Littlefield City	LI640	673	10.44
215	306	Estacado	5D70	481	10.42
216	72	Dalhart	1246	1335	10.41
217	80	Canyon West	7128	3350	10.40
218	236	Clutter	6630	402	10.21
219	178	Manhattan	7160	1313	9.77
220	251	Morton	M130	511	9.66
221	227	Allen	L520	895	9.66
222	278	Centre Street	5305	2357	9.65
223	305	South Georgia	2342	782	9.51
224	350	South Floydada	3551	33	9.33
225	250	Estacado	5D20	544	9.23
226	284	Dimmitt East	DI150	515	9.11
227	331	Van Buren	7044	940	9.09
228	NA	Indiana	7445	983	8.83
229	220	Wildorado	2018	257	8.78
230	206	Fritch	1364	2064	8.66
231	89	Fain	1105	28	8.64
232	145	South Georgia	5B40	2460	8.60
233	212	Dumas 19th Street	1367	1772	8.22
234	201	Denver City East	S100	1163	8.16
235	44	Diekemper	DE110	21	8.10



## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
236	45	Plant X	X310	1034	7.95
237	280	Batton	L640	670	7.93
238	261	Whitaker	5265	38	7.92
239	153	Canadian	325	406	7.52
240	208	Centre Street	5310	1356	7.15
241	244	Lawrence Park	5020	1471	6.82
242	196	Clutter	6620	1424	6.81
243	39	Lockney Rural	LA150	86	6.71
244	211	Moss	6320	1845	6.70
245	58	Jaybee	S765	37	6.62
246	355	Bainer	BA601	14	6.57
247	307	Westridge	P450	1389	6.44
248	346	Puckett West	5C60	710	6.42
249	292	Brisco	3434	560	6.34
250	290	Levelland East	LV960	1083	6.32
251	124	South Georgia	5B35	1543	6.24
252	95	Soncy	7024	2101	6.21
253	172	Doss	S400	1275	6.10
254	6	Channing	1568	25	5.96
255	157	Littlefield South	LI110	1495	5.89
256	175	Conway	5005	1834	5.86
257	226	Farmers	5385	231	5.83
258	252	Coble	LV835	252	5.62
259	225	McCullough	7002	1684	5.54
260	334	Dalhart	114	495	5.35
261	271	Denver City East	S110	1885	5.32
262	264	Cedar Lake East	S910	33	5.30
263	265	Amherst	AM620	456	5.30
264	270	Canyon West	5160	668	5.27
265	50	Canadian	335	182	5.13
266	260	Whiteface	LV220	312	5.00
267	215	Dalhart	1580	402	4.94
268	324	Kite	5075	1280	4.89
269	237	Soncy	5130	1178	4.88
270	184	Allen	L750	625	4.52
271	313	Sherman County	1448	807	4.49
272	103	Doud	6480	1652	4.48
273	262	Happy	2326	360	4.47
274	143	Plainview South	P230	622	4.41
275	24	Moore Co	M055	33	4.24
276	340	Van Buren	7048	433	4.15
277	91	Littlefield South	LI120	63	4.08
278	218	Texaco	LV980	26	4.08
279	274	McCullough	7005	1564	4.00
280	23	Hendrick	6685	1429	3.99
281	291	Littlefield West	LI156	259	3.85
282	108	Lyons	5C25	2078	3.84
283	188	Batton	L650	287	3.84

## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
284	309	Spearman	401	411	3.75
285	348	Booker	535	264	3.64
286	74	Whitharral	LV710	120	3.56
287	21	Moore Co	M060	127	3.54
288	165	Wheelock	7375	682	3.54
289	155	Kress Rural	KR110	369	3.53
290	288	Acco	L570	206	3.50
291	137	Middleton	LV810	27	3.33
292	69	Allred	S140	53	3.23
293	62	Etter Rural	5410	407	3.05
294	228	East Plant	A122	1326	3.03
295	169	Batton	L624	860	2.95
296	333	Dalhart	108	363	2.94
297	139	Dumas 19th Street	1470	2623	2.87
298	302	34th Street	5B95	1974	2.85
299	163	Doss	S410	159	2.81
300	104	Irick	IB120	20	2.75
301	109	Allen	L510	850	2.75
302	339	Perryton	1530	1040	2.62
303	19	Zavalla	LV780	23	2.61
304	133	Lockney Rural	3417	1111	2.52
305	299	Spearman	301	443	2.46
306	266	Garza	6520	533	2.45
307	182	Amherst	AM610	41	2.44
308	84	Sudan Rural	SR120	558	2.43
309	314	Kingsmill	5095	48	2.21
310	354	Van Buren	7194	414	2.15
311	217	Littlefield City	LI610	617	2.09
312	337	Muleshoe City	MU620	737	2.07
313	101	Kress Rural	KR140	147	2.04
314	358	Garza	PO120	595	2.02
315	322	Muleshoe East	MU640	266	1.95
316	202	Vickers	6680	1588	1.88
317	301	Pierce	5B10	841	1.83
318	199	Bush	5215	739	1.81
319	329	Plainview City	P620	433	1.80
320	300	Morton	M120	765	1.78
321	183	Soncy	7116	66	1.73
322	320	Muleshoe City	MU610	571	1.71
323	325	Batton	L622	733	1.57
324	316	Canadian	350	227	1.52
325	164	Spearman	302	642	1.43
326	257	Coulter	5285	1336	1.42
327	99	Littlefield City	LI630	306	1.38
328	127	Parmer County	2465	23	1.30
329	357	Plainview City	P670	235	1.24
330	209	Waterfield	2361	487	1.23
331	352	Sunset	5D30	29	1.14

## Service Quality Report to the Public Utility Commission of Texas

### Xcel Energy

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
332	233	Dimmitt East	DI180	442	1.12
333	229	Puckett West	5C30	944	1.03
334	160	Lynn	6340	634	0.97
335	304	Ivory	L682	166	0.89
336	310	Spearman	402	348	0.78
337	317	Plainview City	P630	760	0.73
338	138	Plainview North	P270	142	0.70
339	347	Tuco	N412	651	0.50
340	342	Levelland City	LV520	210	0.44
341	345	Lynn	6300	976	0.39
342	344	Hale Center	HR110	849	0.29
343	111	Allen	L740	901	0.25
344	106	Plainview City	P690	210	0.17
345	343	Hendrick	6675	1657	0.00
346	97	Perryton	1235	1340	0.00
347	259	Slaton	SL140	1291	0.00
348	37	Slaton	SL150	1055	0.00
349	194	Slaton	6690	903	0.00
350	308	Garza	PO110	636	0.00
351	351	Channing	450	219	0.00
352	179	Booker	422	212	0.00
353	295	Booker	421	187	0.00
354	234	Littlefield City	LI620	166	0.00
355	323	Riley	S510	127	0.00
356	315	Southland	SO110	115	0.00
357	330	Plainview City	P680	100	0.00
358	63	Wade	1420	63	0.00
359	359	Flanagan	S540	39	0.00
360	276	Pacific	LV930	11	0.00
361	132	Brisco	3457	10	0.00

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2005 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	44.11%
Vegetation	3.15%
Animals and Birds	4.48%
People (Including cars and farm equip)	17.20%
Utility-owned Equipment	20.38%
Other	3.36%
Unknown	7.32%
	100.00%