



Control Number: 29165



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PUBLIC UTILITY COMMISSION  
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**Revised Service Quality Report**  
To The  
**Public Utility Commission of Texas**  
In Accordance With  
**Substantive Rule §25.81**  
**2003 Reporting Year**

**Xcel Energy-Revised Report**

**Project 29165**

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Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy-Revised Report**

<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	0.02	0.03	0.05	0.05	0.06	0.02	0.04	0.04	0.01	0.03	0.05
<b>2003</b>													
<b>Scheduled</b>	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>2003</b>													
<b>Outside Causes</b>	0.17	0.01	0.00	0.04	0.02	0.02	0.04	0.00	0.01	0.00	0.01	0.01	0.00
<b>2003</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>2003</b>													

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy-Revised Report**

	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>System SAIDI</b>													
<b>Forced</b>	32.97	1.22	1.22	2.28	4.48	5.72	5.41	1.70	2.79	2.88	0.45	1.76	3.06
<b>2003</b>													
<b>Scheduled</b>	0.54	0.02	0.00	0.04	0.16	0.02	0.05	0.03	0.10	0.04	0.02	0.05	0.01
<b>2003</b>													
<b>Outside Causes</b>	18.98	0.43	0.00	3.39	0.99	9.14	3.50	0.10	0.25	0.05	0.31	0.81	0.00
<b>2003</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>2003</b>													

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# 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>363</b>
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Add or Delete Rows as Necessary

### Xcel Energy-Revised Report

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
1	185	Dalhart	1580	145	5.28
2	98	Bowers	5090	149	4.89
3	363	Parmer County	2465	22	3.82
4	34	Doss	6660	294	3.72
5	19	Dalhart	1664	61	3.46
6	20	Sherman County	1452	32	3.41
7	50	Springcreek	1320	174	3.15
8	88	Brownfield	6580	349	3.05
9	150	Herring	1434	1297	2.75
10	355	Dumas 19th Street	1498	27	2.74
11	67	Boardman	S560	112	2.70
12	16	Russell	S280	96	2.61
13	194	Springlake	SO140	54	2.41
14	164	Tokio	S800	103	2.33
15	42	Lehman	LV500	207	2.32
16	36	Cedar Lake East	S910	33	2.30
17	15	Etter Rural	5405	969	2.25
18	9	Moore Co	M055	33	2.21
19	327	Allmon	AT120	658	2.11
20	162	Perryton	1230	917	2.10
21	174	Whiteface	LV220	312	2.09
22	25	Moore Co	M060	127	2.08
23	14	Littlefield West	LI156	259	2.06
24	205	Etter Rural	5410	407	2.05
25	87	Whiteface	LV210	154	2.04
26	226	Plant X	X310	1034	2.03
27	56	Van Buren	7046	1729	2.03
28	11	Doss	S410	159	2.01
29	357	Hale Center	HR110	849	2.00
30	126	ODC	S325	127	1.97
31	103	Kingsmill	5110	489	1.96
32	5	Booker	33-08	1228	1.82
33	155	Waterfield	2361	487	1.76
34	153	Kingsmill	5115	1033	1.73
35	55	Carlisle	6650	1240	1.64
36	100	Kingsmill	5105	647	1.61
37	208	Farmers	5385	231	1.59
38	73	Tascosa	1218	174	1.57
39	172	Exell	1238	158	1.56
40	204	Garza	6520	533	1.54
41	252	Jaybee	S765	37	1.51
42	70	Conway	5005	1834	1.48
43	260	Kingsmill	5095	44	1.48

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

### **Xcel Energy-Revised Report**

<b>2003 SAIFI Ranking</b>	<b>2002 SAIFI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2003 SAIFI Value</b>
44	29	Bowers	2053	52	1.42
45	171	Indiana	7465	35	1.34
46	221	Middleton	LV820	54	1.33
47	54	Yellowhouse	LV900	30	1.30
48	218	Manhattan	7164	1285	1.27
49	143	Vega	5170	646	1.25
50	57	El Paso	S340	478	1.24
51	188	Muleshoe East	MU630	296	1.23
52	168	Bush	5210	2185	1.23
53	110	Farmers	5395	665	1.22
54	112	Roberts County	7010	564	1.21
55	4	Sherman County	1456	952	1.21
56	51	Spearman Int	1512	905	1.19
57	122	Lehman	LV510	240	1.17
58	82	Waterfield	2368	251	1.15
59	43	Industrial	1412	805	1.14
60	167	Bush	5205	1277	1.13
61	313	South Georgia	5B35	1543	1.13
62	35	Indiana	7480	1861	1.10
63	183	Dimmitt East	DI180	390	1.09
64	211	Dimmitt East	DI150	963	1.08
65	72	Texaco	LV980	26	1.08
66	115	Frona Rural	2436	1621	1.07
67	269	Pierce	5B10	841	1.07
68	259	Lawrence Park	5275	1277	1.06
69	361	Mallet	LV120	16	1.06
70	71	Westridge	P450	1389	1.06
71	175	East Plant	A122	1326	1.06
72	229	Van Buren	7048	433	1.06
73	47	Arrowhead	5D80	225	1.05
74	23	Lockney Rural	3417	1111	1.04
75	77	Pacific	LV940	72	1.04
76	69	Sherman County	1448	807	1.04
77	297	Batton	L624	717	1.03
78	101	Sunset	5D35	211	1.03
79	215	Bush	5215	1291	1.03
80	335	Slaton	6600	525	1.03
81	300	Vickers	6680	1588	1.02
82	89	Kingsmill	5100	131	1.02
83	24	Lynn	6510	316	1.01
84	328	Lynn	6340	634	1.01
85	213	Channing	1568	25	1.00
86	147	Pullman	2A40	101	1.00
87	119	Allen	L505	111	1.00
88	241	Pacific	LV930	11	1.00
89	123	Bowers	2057	541	0.95
90	286	Zavalla	LV780	23	0.91
91	311	Plainview North	P270	142	0.88

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

### Xcel Energy-Revised Report

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
92	8	Allred	S180	112	0.87
93	156	Littlefield South	L1120	63	0.83
94	96	Dumas 19th Street	1470	2623	0.80
95	3	McLean Rural	5300	859	0.79
96	169	Wheelock	7370	1255	0.79
97	317	Levelland East	LV950	410	0.79
98	138	Manhattan	5135	655	0.74
99	135	Lyons	5C25	677	0.74
100	319	El Paso	S320	212	0.73
101	33	Grave	7178	1524	0.69
102	199	Arrowhead	5D85	1428	0.69
103	131	Southeast	5C85	2416	0.67
104	133	Estacado	5D15	1361	0.65
105	97	Doss	6670	1932	0.65
106	299	Doud	6305	1142	0.64
107	125	Riverview	R100	429	0.64
108	132	Dalhart	1298	1021	0.63
109	31	Stanton	L540	527	0.62
110	360	Lynn	6300	976	0.59
111	332	Acco	L580	131	0.57
112	64	Waterfield	2364	361	0.57
113	186	Moss	6320	1845	0.57
114	261	Manhattan	7160	1313	0.55
115	222	Garza	6500	504	0.55
116	1	Carson County	7030	82	0.54
117	161	Roxana	2334	207	0.53
118	114	McCullough	5085	1180	0.53
119	18	Riverview	R090	29	0.52
120	105	Buffalo	5165	297	0.50
121	52	Whitaker	5270	1993	0.50
122	109	Ivory	L680	86	0.48
123	275	Westridge	P460	457	0.44
124	102	Prentice	S875	40	0.43
125	30	Highland Park	5335	810	0.41
126	157	Hastings	7086	659	0.40
127	116	Flanagan	S550	40	0.40
128	278	Lewters	L470	39	0.38
129	7	Burnett	1394	129	0.38
130	192	Pierce	5B00	1140	0.38
131	274	Denver City East	S100	685	0.38
132	265	East Plant	A126	609	0.38
133	44	Hastings	7078	2953	0.36
134	130	Fritch	1364	2064	0.36
135	45	Wildorado	2014	189	0.35
136	94	Lockney Rural	3421	17	0.35
137	149	Springcreek	1316	434	0.35
138	146	Kite	5075	1057	0.35
139	154	Dalhart	1246	1335	0.34

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### Xcel Energy-Revised Report

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
140	12	Allred	S140	53	0.34
141	338	Riley	S510	127	0.33
142	140	34th Street	5B85	1717	0.32
143	95	East Plant	A118	1704	0.31
144	6	Springlake	SO150	73	0.29
145	202	Moss	6540	315	0.29
146	283	Plainview West	P130	603	0.29
147	258	Acco	L570	172	0.28
148	184	Lyons	5C20	1513	0.28
149	40	Fritch	1360	826	0.28
150	197	Whitaker	5260	1362	0.27
151	74	Stanton	6570	82	0.27
152	348	Canyon East	5190	1162	0.26
153	61	Dumas 19th Street	1371	1015	0.26
154	281	Roxana	2076	873	0.25
155	129	Irick	IB120	20	0.25
156	292	Wellman	S755	228	0.25
157	280	Lawrence Park	5020	1471	0.25
158	137	Industrial	1416	706	0.25
159	32	Carson County	7034	97	0.25
160	127	Amherst	AM610	41	0.24
161	144	Weatherly	1350	733	0.24
162	60	Centre Street	5305	2357	0.24
163	38	Cherry	5C10	835	0.24
164	160	Littlefield South	LI110	1495	0.23
165	107	Wildorado	2018	257	0.23
166	59	McCullough	7005	1506	0.22
167	53	Dumas 19th Street	1367	1772	0.22
168	303	South Georgia	2342	782	0.22
169	48	Plainview East	P180	110	0.22
170	163	Allen	L745	534	0.21
171	134	Planters	L710	838	0.21
172	217	Wheelock	7365	1168	0.20
173	176	Coble	LV835	10	0.20
174	237	South Georgia	5B30	1399	0.20
175	232	Van Buren	7198	1778	0.19
176	207	ODC	S335	53	0.19
177	49	East Plant	A110	895	0.19
178	190	Littlefield City	LI620	166	0.19
179	224	West Berger	1A20	815	0.18
180	238	Kress Rural	KR120	148	0.18
181	158	South Georgia	2338	3292	0.18
182	17	Perryton	1235	1340	0.18
183	250	Happy	7040	304	0.18
184	159	McCullough	7002	1458	0.17
185	145	West Anton	3502	688	0.17
186	349	Hendrick	6675	1657	0.17
187	228	Levelland City	LV180	2658	0.17



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2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
188	178	Dimmitt South	DI110	312	0.16
189	128	Cherry	5C15	1108	0.16
190	27	Conway	5010	976	0.16
191	245	Kite	7106	581	0.16
192	141	Morton	M130	511	0.16
193	63	Booker	535	264	0.16
194	203	Highland Park	5325	312	0.15
195	325	Stanton	6420	457	0.15
196	323	Clutter	6630	335	0.15
197	212	South Floydada	3551	33	0.15
198	65	Parmer County	2475	796	0.15
199	273	Denver City East	S110	1503	0.15
200	117	Kite	5B80	851	0.15
201	210	Boardman	S430	48	0.15
202	198	Doud	6480	1377	0.15
203	266	Canadian	340	426	0.14
204	21	Sudan Rural	SR120	558	0.14
205	246	Soncy	7020	860	0.14
206	295	Lockney Rural	LA150	86	0.14
207	75	Brisco	3434	560	0.14
208	256	Barwise	IB140	65	0.14
209	121	Doss	S400	1275	0.14
210	173	South Georgia	5B40	2460	0.14
211	191	Plainview West	P120	1756	0.13
212	165	Hastings	7074	1673	0.13
213	111	Herring	1438	155	0.13
214	272	Plainview City	P630	760	0.13
215	333	Littlefield City	LI630	306	0.13
216	318	Wheelock	7375	568	0.13
217	181	Lawrence Park	5025	1740	0.13
218	242	Van Buren	7044	940	0.12
219	268	Plainview North	P260	1559	0.12
220	225	Murphy	7430	784	0.12
221	247	Kress Rural	KR110	369	0.12
222	195	Perryton	1530	1040	0.12
223	136	Channing	1564	17	0.12
224	282	Dimmitt South	DI120	255	0.12
225	216	Hastings	7082	1344	0.12
226	86	Canyon West	7124	2244	0.12
227	230	Lawrence Park	5050	1056	0.12
228	196	Lockney Rural	LA140	97	0.11
229	234	Hereford	2627	1697	0.11
230	189	West Borger	1A10	914	0.11
231	152	Lawrence Park	5030	733	0.11
232	28	Ivory	L685	806	0.11
233	62	Plainview South	P230	622	0.10
234	118	Lawrence Park	5315	705	0.10
235	2	Brisco	3457	10	0.10

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

### Xcel Energy-Revised Report

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
236	10	Elwood	LV140	70	0.10
237	113	Muleshoe Valley	MR150	340	0.10
238	235	Weatherly	1354	765	0.10
239	251	Plainview East	P160	573	0.10
240	321	Indiana	7450	1210	0.10
241	351	Batton	L650	239	0.10
242	68	West Borger	1A15	1575	0.10
243	254	Plainview West	P110	1026	0.09
244	124	Muleshoe West	MR130	98	0.09
245	329	Allen	L750	521	0.09
246	58	Aiken Rural	LA110	112	0.09
247	37	Littlefield City	LI640	673	0.09
248	108	Dalhart	106	150	0.09
249	249	Centre Street	5310	1356	0.08
250	248	Spearman	402	348	0.08
251	120	34th Street	5B90	873	0.08
252	66	Kress Rural	KR140	147	0.08
253	264	Plainview South	P220	1519	0.08
254	200	Farmers	5390	2803	0.08
255	231	Soncy	7024	2101	0.08
256	76	Hereford	2630	1185	0.07
257	244	34th Street	5B95	1974	0.07
258	214	Perryton	1535	879	0.07
259	287	Levelland East	LV960	1083	0.07
260	220	Muleshoe West	MR140	688	0.07
261	291	Dawn	5A35	323	0.07
262	309	Clutter	6620	1187	0.07
263	78	Coulter	5290	1588	0.07
264	267	Olton	SO180	635	0.07
265	296	Doud	6325	1361	0.07
266	293	Plainview City	P620	433	0.06
267	306	Coulter	5285	1336	0.06
268	180	Dalhart	108	363	0.06
269	294	Allen	L520	746	0.06
270	277	Estacado	5D10	2590	0.06
271	206	Soncy	5130	1178	0.06
272	148	South Georgia	2346	977	0.06
273	223	Sudan Rural	SR110	120	0.06
274	353	Canadian	350	227	0.06
275	41	Tenneco	S440	53	0.06
276	257	Farwell	FA610	403	0.05
277	92	Indiana	7440	37	0.05
278	233	Levelland City	LV190	2541	0.05
279	253	Littlefield City	LI610	617	0.05
280	337	Whitharral	LV710	120	0.05
281	270	Plainview City	P680	100	0.05
282	240	Spearman	401	411	0.05
283	99	County Line	CL110	21	0.05

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

### Xcel Energy-Revised Report

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
284	90	Riley	S500	42	0.05
285	290	Riverview	R095	730	0.05
286	187	Murphy	7535	1572	0.04
287	166	Estacado	5D20	544	0.04
288	182	Barwise	IB130	68	0.04
289	312	Allen	L510	708	0.04
290	301	Muleshoe City	MU610	571	0.04
291	236	Monroe	6610	517	0.04
292	243	Dalhart	114	495	0.04
293	344	Plainview City	P690	210	0.04
294	22	Middleton	LV810	27	0.04
295	91	Garza	PO120	595	0.04
296	276	Amherst	AM620	456	0.04
297	271	Puckett West	5C60	710	0.03
298	227	Pierce	5B05	1016	0.03
299	85	Wade	1420	63	0.03
300	289	Carlisle	6635	701	0.03
301	305	Puckett West	5C30	944	0.03
302	334	Plainview South	P210	102	0.03
303	370	Whitaker	5265	38	0.03
304	310	Plainview City	P670	235	0.03
305	298	Stanton	6410	644	0.02
306	324	South Floydada	3547	823	0.02
307	284	Doud	6345	376	0.02
308	331	Canyon West	7128	3350	0.02
309	288	Muleshoe East	MU640	266	0.02
310	83	Happy	2326	360	0.02
311	219	Canadian	325	406	0.02
312	79	Plainview East	P150	181	0.02
313	263	Spearman	301	443	0.02
314	342	Van Buren	7194	414	0.02
315	322	Puckett West	5C35	1877	0.02
316	142	Slaton	SL140	1291	0.02
317	26	Exell	1242	109	0.02
318	209	Irick	IB110	55	0.02
319	316	Morton	M120	765	0.02
320	255	Canadian	335	182	0.02
321	104	Stanton	6430	946	0.01
322	201	Van Buren	7190	68	0.01
323	239	Allen	L740	751	0.01
324	NONE	Hale Center	HC610	370	0.01
325	81	Spearman	302	642	0.01
326	350	Canyon West	5160	668	0.01
327	308	Batton	L622	611	0.01
328	346	Batton	L640	670	0.01
329	339	Hendrick	6685	1429	0.01
330	279	Tuco	N404	889	0.01
331	314	Garza	PO110	636	0.01

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

### Xcel Energy-Revised Report

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
332	179	Booker	421	187	0.01
333	139	Southeast	5C80	383	0.01
334	365	Slaton	SL150	1055	0.00
335	93	Channing	450	230	0.00
336	336	Canyon East	5185	452	0.00
337	345	Tuco	N412	651	0.00
338	304	Muleshoe City	MU620	737	0.00
339	80	Fain	1105	28	0.00
340	262	Dalhart	116	302	0.00
341	13	Tascosa	1222	37	0.00
342	352	Buffalo	2215	10	0.00
343	326	Booker	422	212	0.00
344	341	Palo Duro	5235	160	0.00
345	307	Coulter	5280	798	0.00
346	367	Sunset	5D30	29	0.00
347	320	Slaton	6690	803	0.00
348	193	Soncy	7116	66	0.00
349	170	Bainer	BA601	14	0.00
350	106	Diekemper	DE110	21	0.00
351	347	Farwell	FA620	738	0.00
352	330	Hart	HA110	95	0.00
353	358	Hart	HA120	628	0.00
354	340	Ivory	L682	138	0.00
355	343	Levelland City	LV520	210	0.00
356	46	Zavalla	LV790	13	0.00
357	39	Amoco	LV920	242	0.00
358	315	Lariat	MR110	100	0.00
359	364	San Andres	S370	382	0.00
360	302	Flanagan	S540	39	0.00
361	177	Adair	S790	15	0.00
362	366	Southland	SO110	115	0.00
363	285	Olton	SO170	633	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>363</b>
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Add or Delete Rows as Necessary

## **Xcel Energy-Revised Report**

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
1	363	Parmer County	2465	22	596.91
2	162	Tokio	S800	103	446.46
3	203	Dalhart	1580	145	383.88
4	116	Herring	1434	1297	381.56
5	28	Lehman	LV500	207	373.43
6	168	Tascosa	1218	174	351.03
7	89	Whiteface	LV210	154	348.44
8	9	Russell	S280	96	345.59
9	361	Mallet	LV120	16	338.00
10	106	Exell	1238	158	335.46
11	3	Doss	6660	294	329.07
12	16	Dalhart	1664	61	328.52
13	193	Jaybee	S765	37	325.19
14	14	Etter Rural	5405	969	319.42
15	27	Bowers	5090	149	311.11
16	137	Springlake	SO140	54	286.19
17	37	Sherman County	1452	32	282.25
18	22	Boardman	S560	112	279.43
19	39	Springcreek	1320	174	276.98
20	52	Littlefield West	LI156	259	273.64
21	355	Dumas 19th Street	1498	27	272.44
22	133	Frona Rural	2436	1621	247.34
23	77	Kingsmill	5105	647	223.83
24	119	Spearman Int	1512	905	218.25
25	64	Lehman	LV510	240	210.33
26	100	Brownfield	6580	349	207.53
27	206	Whiteface	LV220	312	203.09
28	117	Doss	S410	159	200.68
29	217	Lawrence Park	5275	1277	192.09
30	10	Moore Co	M060	127	188.71
31	40	Cedar Lake East	S910	33	187.88
32	330	Garza	6520	533	185.09
33	57	Riverview	R100	429	182.63
34	177	Pacific	LV940	72	178.89
35	38	Bowers	2053	52	172.87
36	198	East Plant	A122	1326	166.12
37	50	Moore Co	M055	33	161.30
38	360	Lynn	6300	976	160.95
39	226	Dimmitt East	DI180	390	159.46
40	56	Sunset	5D35	211	157.86
41	215	Dimmitt East	DI150	963	155.95
42	87	Farmers	5395	665	152.80
43	170	Etter Rural	5410	407	142.15

# Service Quality Report to the Public Utility Commission of Texas

## Xcel Energy-Revised Report

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
44	124	Roxana	2334	207	140.41
45	281	Vickers	6680	1588	136.02
46	152	Perryton	1230	917	134.46
47	62	Stanton	L540	527	133.33
48	83	Kingsmill	5110	489	126.62
49	121	ODC	S325	127	122.75
50	138	Waterfield	2361	487	119.36
51	328	Allmon	AT120	658	118.28
52	127	Carlisle	6650	1240	116.22
53	114	Ivory	L680	86	114.19
54	128	Indiana	7465	35	108.66
55	47	Indiana	7480	1861	104.77
56	357	Hale Center	HR110	849	102.00
57	72	Bowers	2057	541	99.51
58	231	Channing	1568	25	91.00
59	283	Levelland East	LV950	410	89.90
60	25	McLean Rural	5300	859	85.03
61	111	Dumas 19th Street	1470	2623	83.93
62	5	Allred	S180	112	81.57
63	35	Prentice	S875	40	79.90
64	182	Garza	6500	504	79.88
65	237	Middleton	LV820	54	79.04
66	301	Batton	L624	717	76.67
67	144	Allen	L505	111	74.47
68	167	Farmers	5385	231	74.03
69	166	Arrowhead	5D85	1428	71.43
70	12	Riverview	R090	29	69.52
71	258	Westridge	P450	1389	68.33
72	30	Highland Park	5335	810	68.21
73	98	Kingsmill	5100	131	67.59
74	29	Sherman County	1456	952	65.83
75	327	Slaton	6600	525	64.85
76	63	Texaco	LV980	26	64.46
77	151	Kingsmill	5115	1033	64.24
78	165	Vega	5170	646	63.60
79	246	Pierce	5B10	841	63.16
80	34	Carson County	7034	97	61.15
81	110	Waterfield	2368	251	59.21
82	316	Pacific	LV930	11	58.00
83	148	Manhattan	5135	655	56.29
84	276	Doud	6305	1142	55.05
85	306	Kingsmill	5095	44	54.98
86	75	Roberts County	7010	564	53.82
87	26	Waterfield	2364	361	52.76
88	60	El Paso	S340	478	52.48
89	156	Dalhart	1246	1335	51.73
90	173	Bush	5210	2185	50.60
91	122	Southeast	5C85	2416	48.74

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

### Xcel Energy-Revised Report

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
92	48	Sherman County	1448	807	48.61
93	82	Van Buren	7046	1729	46.74
94	43	Arrowhead	5D80	225	45.98
95	105	Lyons	5C25	677	45.83
96	2	Booker	33-08	1228	45.18
97	95	Conway	5005	1834	44.41
98	164	Bush	5205	1277	43.97
99	184	Planters	L710	838	43.97
100	329	Plainview North	P270	142	41.63
101	302	South Georgia	5B35	1543	40.47
102	54	Doss	6670	1932	39.92
103	179	Plant X	X310	1034	39.23
104	74	Buffalo	5165	297	38.92
105	78	Lockney Rural	3417	1111	38.92
106	80	Flanagan	S550	40	38.60
107	15	Yellowhouse	LV900	30	37.17
108	158	Dalhart	1298	1021	35.59
109	135	Hastings	7086	659	35.31
110	338	Riley	S510	127	35.24
111	8	Burnett	1394	129	34.98
112	33	Grave	7178	1524	34.94
113	268	Lawrence Park	5020	1471	33.85
114	221	Zavalla	LV780	23	33.78
115	259	Denver City East	S100	685	33.65
116	323	Acco	L580	131	33.21
117	99	Pullman	2A40	101	33.00
118	70	Stanton	6570	82	32.79
119	7	Carson County	7030	82	32.30
120	136	Wheelock	7370	1255	31.29
121	85	Cherry	5C10	835	30.99
122	58	Springlake	SO150	73	30.93
123	260	Lewters	L470	39	29.79
124	104	Hereford	2630	1185	29.60
125	192	Moss	6320	1845	29.54
126	210	Muleshoe East	MU630	296	28.90
127	67	Fritch	1360	826	28.72
128	159	Springcreek	1316	434	28.16
129	236	Manhattan	7160	1313	27.89
130	150	Pierce	5B00	1140	27.80
131	223	Littlefield City	LI620	166	27.52
132	108	Whitaker	5270	1993	27.46
133	277	Kite	7106	581	27.17
134	220	Roxana	2076	873	27.05
135	6	Allred	S140	53	26.96
136	134	Estacado	5D15	1361	26.72
137	88	Hastings	7078	2953	26.54
138	191	Whitaker	5260	1362	26.01
139	180	Kite	5075	1057	26.00

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

### Xcel Energy-Revised Report

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
140	186	Manhattan	7164	1285	25.78
141	273	Denver City East	S110	1503	25.56
142	125	Littlefield South	LI120	63	25.24
143	313	Indiana	7450	1210	25.22
144	53	Centre Street	5305	2357	24.47
145	216	Acco	L570	172	24.10
146	299	El Paso	S320	212	23.70
147	126	McCullough	5085	1180	23.61
148	45	Herring	1438	155	23.40
149	185	West Anton	3502	688	23.15
150	86	Industrial	1412	805	22.75
151	55	East Plant	A118	1704	22.69
152	163	Moss	6540	315	22.39
153	120	Dumas 19th Street	1371	1015	22.16
154	175	Littlefield South	LI110	1495	22.01
155	73	Wildorado	2014	189	21.85
156	294	Westridge	P460	457	21.74
157	232	Wheelock	7365	1168	21.28
158	204	Van Buren	7048	433	21.10
159	149	Weatherly	1350	733	20.81
160	181	Allen	L745	534	20.52
161	310	Wellman	S755	228	19.45
162	247	Kress Rural	KR120	148	19.43
163	115	Cherry	5C15	1108	19.20
164	65	Conway	5010	976	18.73
165	239	East Plant	A126	609	18.65
166	194	Fritch	1364	2064	18.61
167	161	34th Street	5B85	1717	18.14
168	24	Tenneco	S440	53	17.47
169	188	South Georgia	5B30	1399	16.95
170	103	Wildorado	2018	257	16.82
171	200	Garza	PO120	595	16.34
172	320	Stanton	6420	457	16.03
173	336	South Georgia	2342	782	15.99
174	199	ODC	S335	53	15.34
175	90	McCullough	7005	1506	15.00
176	145	Industrial	1416	706	14.95
177	129	Dumas 19th Street	1367	1772	14.57
178	218	Bush	5215	1291	14.47
179	205	West Borger	1A20	815	14.08
180	32	Lynn	6510	316	14.05
181	287	Doud	6325	1361	13.96
182	183	Hastings	7074	1673	13.78
183	244	Lockney Rural	LA140	97	13.61
184	68	East Plant	A110	895	13.11
185	146	Dimmitt South	DI110	312	13.08
186	263	Plainview West	P130	603	12.90
187	270	Levelland City	LV180	2658	12.79



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

### Xcel Energy-Revised Report

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
188	18	Plainview East	P180	110	12.66
189	331	Allen	L750	521	12.63
190	131	West Borger	1A10	914	12.62
191	284	Wheelock	7375	568	12.49
192	222	Doud	6480	1377	12.44
193	113	Boardman	S430	48	12.25
194	291	Plainview North	P260	1559	12.12
195	187	Coble	LV835	10	11.90
196	312	Lockney Rural	LA150	86	11.63
197	254	Van Buren	7044	940	11.58
198	176	Highland Park	5325	312	11.41
199	157	South Georgia	2338	3292	11.26
200	41	Lockney Rural	3421	17	10.94
201	142	South Georgia	2346	977	10.87
202	31	Perryton	1235	1340	10.62
203	147	Irick	IB120	20	10.50
204	172	Sudan Rural	SR110	120	10.50
205	349	Canyon East	5190	1162	10.25
206	292	Clutter	6630	335	10.18
207	132	Morton	M130	511	10.17
208	79	Canyon West	7124	2244	10.11
209	66	34th Street	5B90	873	10.01
210	139	McCullough	7002	1458	9.85
211	81	Sudan Rural	SR120	558	9.83
212	212	Lyons	5C20	1513	9.80
213	196	West Borger	1A15	1575	9.75
214	207	Van Buren	7198	1778	9.64
215	195	South Georgia	5B40	2460	9.21
216	94	Doss	S400	1275	9.19
217	154	Channing	1564	17	9.12
218	252	Murphy	7430	784	9.09
219	280	Amherst	AM620	456	8.66
220	348	Hendrick	6675	1657	8.61
221	141	Plainview South	P230	622	8.28
222	238	Hastings	7082	1344	8.26
223	242	Plainview West	P120	1756	8.18
224	46	Parmer County	2475	796	8.01
225	123	Muleshoe Valley	MR150	340	7.89
226	295	Canadian	340	426	7.86
227	118	Amherst	AM610	41	7.85
228	257	Soncy	7020	860	7.74
229	102	Lawrence Park	5030	733	7.68
230	337	Littlefield City	LI630	306	7.67
231	213	Monroe	6610	517	7.61
232	143	Centre Street	5310	1356	7.46
233	112	Kite	5B80	851	7.27
234	42	Ivory	L685	806	7.27
235	61	Kress Rural	KR140	147	7.23

# Service Quality Report to the Public Utility Commission of Texas

## Xcel Energy-Revised Report

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
236	71	Lawrence Park	5315	705	7.20
237	297	Dimmitt South	DI120	255	7.15
238	261	Farwell	FA610	403	7.04
239	229	Muleshoe West	MR140	688	6.94
240	69	Littlefield City	LI640	673	6.88
241	109	Coulter	5290	1588	6.87
242	49	Booker	535	264	6.83
243	274	Happy	7040	304	6.82
244	169	Lawrence Park	5025	1740	6.50
245	256	Hereford	2627	1697	6.48
246	243	Lawrence Park	5050	1056	6.35
247	107	Murphy	7535	1572	6.19
248	190	Olton	SO180	635	6.18
249	228	Weatherly	1354	765	6.16
250	230	34th Street	5B95	1974	6.12
251	245	Kress Rural	KR110	369	5.93
252	21	Elwood	LV140	70	5.89
253	315	Levelland East	LV960	1083	5.58
254	309	Plainview City	P630	760	5.57
255	271	Stanton	6410	644	5.50
256	240	Spearman	402	348	5.34
257	300	Dawn	5A35	323	5.23
258	140	Dalhart	106	150	5.21
259	293	Clutter	6620	1187	5.12
260	171	Dalhart	108	363	4.98
261	227	Perryton	1530	1040	4.78
262	275	Plainview East	P160	573	4.61
263	160	Farmers	5390	2803	4.55
264	233	Soncy	7024	2101	4.45
265	96	Brisco	3434	560	4.40
266	13	Brisco	3457	10	4.30
267	285	Coulter	5285	1336	4.22
268	318	Allen	L520	746	3.89
269	130	Muleshoe West	MR130	98	3.86
270	97	Aiken Rural	LA110	112	3.81
271	279	Estacado	5D10	2590	3.81
272	92	County Line	CL110	21	3.81
273	4	Riley	S500	42	3.81
274	214	Puckett West	5C60	710	3.79
275	267	Puckett West	5C35	1877	3.77
276	250	Barwise	IB140	65	3.69
277	248	Perryton	1535	879	3.50
278	249	Levelland City	LV190	2541	3.46
279	208	South Floydada	3551	33	3.39
280	264	Riverview	R095	730	3.35
281	262	Plainview City	P620	433	3.32
282	288	Plainview South	P220	1519	3.27
283	272	Plainview West	P110	1026	3.20

# Service Quality Report to the Public Utility Commission of Texas

## Xcel Energy-Revised Report

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
284	266	Plainview City	P680	100	3.10
285	351	Batton	L650	239	2.90
286	1	Indiana	7440	37	2.86
287	340	Lynn	6340	634	2.85
288	353	Canadian	350	227	2.79
289	235	Canadian	325	406	2.61
290	219	Spearman	401	411	2.60
291	19	Middleton	LV810	27	2.59
292	308	Carlisle	6635	701	2.58
293	289	Whitharral	LV710	120	2.55
294	334	South Floydada	3547	823	2.52
295	347	Plainview City	P690	210	2.37
296	332	Plainview South	P210	102	2.36
297	155	Estacado	5D20	544	2.35
298	101	Stanton	6430	946	2.23
299	296	Allen	L510	708	2.09
300	17	Happy	2326	360	2.02
301	44	Plainview East	P150	181	2.01
302	251	Soncy	5130	1178	1.91
303	224	Pierce	5B05	1016	1.82
304	321	Puckett West	5C30	944	1.81
305	370	Whitaker	5265	38	1.76
306	265	Littlefield City	LI610	617	1.73
307	342	Canyon West	7128	3350	1.70
308	314	Plainview City	P670	235	1.58
309	319	Morton	M120	765	1.55
310	335	Van Buren	7194	414	1.53
311	305	Muleshoe City	MU610	571	1.52
312	225	Spearman	301	443	1.50
313	93	Southeast	5C80	383	1.46
314	286	Doud	6345	376	1.43
315	51	Wade	1420	63	1.35
316	174	Barwise	IB130	68	1.32
317	322	Garza	PO110	636	1.30
318	36	Exell	1242	109	1.18
319	269	Irick	IB110	55	1.18
320	278	Canadian	335	182	1.15
321	241	Van Buren	7190	68	1.12
322	NONE	Hale Center	HC610	370	1.09
323	202	Allen	L740	751	1.06
324	255	Dalhart	114	495	1.03
325	84	Slaton	SL140	1291	0.89
326	197	Booker	421	187	0.78
327	298	Muleshoe East	MU640	266	0.75
328	326	Batton	L640	670	0.74
329	59	Spearman	302	642	0.68
330	350	Canyon West	5160	668	0.65
331	344	Hendrick	6685	1429	0.40

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

### Xcel Energy-Revised Report

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
332	307	Batton	L622	611	0.38
333	211	Channing	450	230	0.29
334	290	Tuco	N404	889	0.17
335	341	Canyon East	5185	452	0.15
336	365	Slaton	SL150	1055	0.13
337	343	Tuco	N412	651	0.09
338	324	Muleshoe City	MU620	737	0.05
339	91	Fain	1105	28	0.00
340	282	Dalhart	116	302	0.00
341	11	Tascosa	1222	37	0.00
342	352	Buffalo	2215	10	0.00
343	311	Booker	422	212	0.00
344	333	Palo Duro	5235	160	0.00
345	253	Coulter	5280	798	0.00
346	367	Sunset	5D30	29	0.00
347	304	Slaton	6690	803	0.00
348	201	Soncy	7116	66	0.00
349	178	Bainer	BA601	14	0.00
350	153	Diekemper	DE110	21	0.00
351	345	Farwell	FA620	738	0.00
352	325	Hart	HA110	95	0.00
353	358	Hart	HA120	628	0.00
354	339	Ivory	L682	138	0.00
355	346	Levelland City	LV520	210	0.00
356	20	Zavalla	LV790	13	0.00
357	76	Amoco	LV920	242	0.00
358	317	Lariat	MR110	100	0.00
359	364	San Andres	S370	382	0.00
360	303	Flanagan	S540	39	0.00
361	209	Adair	S790	15	0.00
362	366	Southland	SO110	115	0.00
363	234	Olton	SO170	633	0.00

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy-Revised Report**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2003 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	39.13%
Vegetation	1.90%
Animals and Birds	9.27%
People (Including cars and farm equip)	16.05%
Utility-owned Equipment	25.60%
Other	4.00%
Unknown	4.05%