



Control Number: 41092



Item Number: 5

Addendum StartPage: 0

PROJECT NO. 41092

Service Quality Report to the Public Utility Commission of Texas

2013 FEB 14 AM 9:27

PUBLIC UTILITY COMMISSION CLERK

# Service Quality Report

To The

## Public Utility Commission of Texas

In Accordance With

### Substantive Rule §25.81

### 2012 Reporting Year

**Xcel Energy**

**Project 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>System SAIFI</b>													
<b>Forced</b>													
2012	0.76793	0.05082	0.06352	0.04319	0.07186	0.03342	0.12443	0.05753	0.13005	0.08196	0.03812	0.01700	0.05604
<b>Scheduled</b>													
2012	0.02035	0.00064	0.00076	0.00010	0.00157	0.00369	0.00062	0.00043	0.00040	0.00097	0.00543	0.00574	0.00001
<b>Outside Causes</b>													
2012	0.29961	0.04539	0.02567	0.00866	0.06347	0.02408	0.04645	0.00000	0.03595	0.00290	0.00981	0.01517	0.02207
<b>Major Events</b>													
2012	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>System SAIDI</b>													
<b>Forced</b>													
2012	96.92450	4.54934	6.75875	3.55336	8.19737	2.82510	19.63062	5.28045	28.61930	7.11134	2.73794	1.53940	6.12152
<b>Scheduled</b>													
2012	1.18451	0.09772	0.05451	0.00372	0.08589	0.14480	0.05686	0.02310	0.02849	0.09055	0.55326	0.04472	0.00089
<b>Outside Causes</b>													
2012	23.18499	0.62689	2.60704	6.15237	1.87033	0.68638	4.80845	0.00000	1.82751	0.02319	0.48269	1.00794	3.09220
<b>Major Events</b>													
2012	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

# PROJECT NO. 41092

## 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

342

Add or Delete Rows as Necessary

**Xcel Energy**

2012 SAIFI Ranking	2011 SAIFI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIFI Value
1	91	Etter Rural	ETTR5405	5405	161	19.40
2	36	Buffalo	BUFF5165	5165	198	7.64
3	22	Waterfield	WTRF2364	2364	105	6.53
4	96	Texas Farms	TXFA1125	1125	211	6.13
5	128	Spearman Int	SPEX1512	1512	887	4.78
6	208	Barwise	BARW1B140	1B140(was IB140)	102	4.03
7	48	Kingsmill	KING5115	5115	785	3.92
8	185	Estacado	ESTA5D70	5D70	741	3.76
9	169	Buffalo	BUFF2215	2215	137	3.62
10	299	McLean Rural	MCLE5300	5300	766	3.45
11	151	Plainview South	PLVSP220	P220	1127	3.27
12	283	Irick	IRIC1B120	1B120(was IB120)	34	3.18
13	88	Lynn	LYNN6510	6510	264	3.11
14	188	Dalhart	DALH1664	1664	75	3.00
15	239	Lockney Rural	LOCRLA150	LA150	97	2.98
16	137	West Anton	WANT3502	3502	620	2.97
17	224	Lehman	LEHMLV510	LV510	61	2.93
18	313	Roberts County	ROBE7090	7090	461	2.86
19	33	Moss	MOSS6540	6540	327	2.86
20	265	Channing	CHAN1564	1564	27	2.85
21	34	Springlake	SPRISO140	SO140	136	2.85
22	21	Irick	IRIC1B110	1B110(was IB110)	79	2.73
23	109	Lawrence Park	LAWR5020	5020	1547	2.52
24	291	Lehman	LEHMLV500	LV500	189	2.45
25	241	Cedar Lake East	CEDES910	S910	26	2.42
26	29	Moss	MOSS6320	6320	1445	2.41
27	162	Conway	CONW5010	5010	1330	2.41
28	285	Lockney Rural	LOCRLA140	LA140	74	2.41
29	13	Waterfield	WTRF2368	2368	199	2.38
30	230	Aiken Rural	AIKRLA110	LA110	121	2.29
31	140	East Plant	EPLAA118	A118	2738	2.29
32	68	Bowers	BOWE5090	5090	134	2.22
33	219	Channing	CHAN1568	1568	52	2.21
34	64	Tascosa	TASC1218	1218	193	2.21
35	78	Hastings	HAST7086	7086	743	2.09
36	7	Southeast	SOEA5C80	5C80	294	2.06
37	210	Muleshoe West	MULWMR140	MR140	785	2.05
38	84	Wade	WADE1420	1420	63	1.95
39	72	Bennett	BENNS345	S345	976	1.91
40	127	Canadian	CANA340	340	443	1.84
41	115	Canyon West	CANW7124	7124	2237	1.84
42	32	Kress Rural	KRERKR120	KR120	131	1.77
43	145	Howard	HOWA2480	2480	848	1.71
44	10	Booker	BOOK33-08	33-08	1056	1.71
45	85	Tuco	TUCON404	N404	771	1.68
46	56	Kingsmill	KING5110	5110	268	1.65
47	154	Palo Duro	PALO5235	5235	401	1.64
48	108	Hale Center	HACTHC110	HC110(Was HR110)	1115	1.61
49	24	Highland Park	HIGH5335	5335	995	1.59
50	325	Middleton	MIDDLV810	LV810	18	1.56
51	143	Garza	GARZPO120	PO120	345	1.55
52	NA	Brisco	BRIS3457	3457	15	1.53
53	184	Canyon West	CANW5160	5160	748	1.53
54	156	Manhattan	MANH7160	7160	1222	1.51
55	276	Murphy	MURP7535	7535	1657	1.50
56	149	Soncy	SONC7020	7020	418	1.50

**PROJECT NO. 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2012 SAIFI Ranking	2011 SAIFI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIFI Value
57	167	Cherry	CHER5C15	5C15	1595	1.50
58	229	Canyon West	CANW7128	7128	1537	1.48
59	66	Hastings	HAST7078	7078	3986	1.46
60	178	Herring	HERR1434	1434	1509	1.46
61	190	Riverview	RIVER090	R090	11	1.45
62	15	Springlake	SPRISO150	SO150	316	1.45
63	284	Industrial	INDU1416	1416	810	1.42
64	157	Monroe	MONR6610	6610	414	1.42
65	119	Barwise	BARW1B130	1B130(was IB130)	64	1.41
66	225	Hendrick	HEND6675	6675	1258	1.40
67	43	Vega	VEGA5195	5195	834	1.40
68	146	Springcreek	SPRI1320	1320	91	1.38
69	247	Yellowhouse	YELLLV900	LV900	21	1.38
70	65	Garza	GARZ6520	6520	400	1.38
71	297	Coulter	COUL5290	5290	1526	1.36
72	103	Tuco	TUCON412	N412	702	1.35
73	92	Springcreek	SPRI1316	1316	315	1.35
74	203	Slaton	SLAT6690	6690	860	1.34
75	11	Dumas 19th Street	DU191470	1470	2173	1.33
76	282	Allred	ALLRS180	S180	214	1.32
77	73	Plainview North	PLVNP260	P260	1587	1.31
78	182	Bush	BUSH5205	5205	1706	1.31
79	122	Friona Rural	FRIQ2436	2436	1691	1.30
80	39	Wildorado	WILD2018	2018	756	1.29
81	245	Littlefield South	LITSLI110	LI110	1581	1.28
82	164	Sherman County	SHER1456	1456	1052	1.25
83	42	Hereford	HERE2630	2630	718	1.22
84	70	Osage	OSAG6065	6065	1798	1.21
85	52	Morton	MORTM120	M120	172	1.20
86	81	Plant X	PLAXX310	X310	616	1.20
87	31	Middleton	MIDDLV820	LV820	46	1.20
88	76	Vega	VEGA5170	5170	62	1.19
89	207	Lawrence Park	LAWR5275	5275	1253	1.18
90	17	Dumas 19th Street	DU191371	1371	1948	1.17
91	301	Texaco	TEXALV980	LV980	24	1.17
92	90	Lawrence Park	LAWR5315	5315	983	1.17
93	136	Waterfield	WTRF2361	2361	355	1.16
94	1	Curry County Interchange	CURX3486	3486	245	1.14
95	20	East Plant	EPLAA110	A110	949	1.13
96	311	Booker	BOOK422	422	321	1.13
97	318	Osage	OSAG6060	6060	130	1.12
98	308	Lockney Rural	LOCR3417	3417	941	1.12
99	62	Olton	OLTOSO180	SO180	542	1.11
100	12	Etter Rural	ETTR5410	5410	1045	1.09
101	315	Lariat	LARIMR110	MR110	55	1.09
102	177	Vickers	VICK6680	6680	1605	1.09
103	130	Doss	DOSS6660	6660	492	1.08
104	116	Doss	DOSS6670	6670	2205	1.07
105	141	Kite	KITE5B80	5B80	1064	1.07
106	NA	Carlisle	CARL6650	6650	904	1.06
107	37	Burnett	BURN1394	1394	20	1.05
108	296	Littlefield South	LITSLI120	LI120	218	1.05
109	5	Dalhart	DALH1580	1580	346	1.04
110	144	Mulshoe West	MULWMR130	MR130	74	1.04
111	227	Lockney Rural	LOCR3421	3421	28	1.04
112	189	Soncy	SONC7024	7024	1221	1.02
113	202	Bowers	BOWE2053	2053	45	1.02
114	135	Bowers	BOWE2057	2057	585	1.02
115	57	Cherry	CHER5C10	5C10	1102	1.00
116	289	Littlefield City	LITCLI620	LI620	101	1.00

# PROJECT NO. 41092

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

### Xcel Energy

2012 SAIFI Ranking	2011 SAIFI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIFI Value
117	326	Pacific	PACILV930	LV930	10	1.00
118	104	Tenneco	TENNS440	S440	116	0.98
119	41	Coble	COBLLV835	LV835	238	0.98
120	14	Kress Rural	KRERKR110	KR110	322	0.94
121	113	34th Street	34ST5B85	5B85	2104	0.94
122	61	Dawn	DAWN5A35	5A35	425	0.91
123	58	Wildorado	WILD2014	2014	342	0.89
124	27	Kingsmill	KING5105	5105	353	0.88
125	101	Wellman	WELLS755	S755	232	0.85
126	8	Whitaker	WHIT5260	5260	1596	0.84
127	132	Carson County	CARS7034	7034	53	0.83
128	40	Howard	HOWA2485	2485	507	0.83
129	54	South Floydada	SFLO3547	3547	296	0.81
130	226	Kress Rural	KRERKR140	KR140	96	0.79
131	323	Lake Meredith	LAKM2B55	2B55	39	0.77
132	304	Riverview	RIVER100	R100	236	0.76
133	45	Roxana	ROXA2076	2076	403	0.74
134	163	Lawrence Park	LAWR5050	5050	1161	0.73
135	114	Southeast	SOEA5C85	5C85	2695	0.72
136	46	Farmers	FARM5390	5390	1238	0.70
137	28	Spring Draw	SPRD2C70	2C70	967	0.69
138	53	Sunset	SUNS5D40	5D40	1367	0.67
139	187	Lawrence Park	LAWR5025	5025	1735	0.66
140	293	Hart	HARTHA120	HA120	526	0.63
141	309	Exell	EXEL1242	1242	51	0.63
142	2	Tascosa	TASC1222	1222	56	0.63
143	95	Van Buren	VANB7044	7044	987	0.62
144	107	Lawrence Park	LAWR5030	5030	1461	0.60
145	60	Pierce	PIER5B00	5B00	1009	0.60
146	243	Slaton	SLAT6600	6600	1091	0.59
147	74	Hereford	HERE2627	2627	1578	0.58
148	194	East Plant	EPLAA126	A126	639	0.55
149	NA	Bennett	BENNS365	S365	77	0.55
150	55	Industrial	INDU1412	1412	1089	0.53
151	233	Dumas 19th Street	DU191367	1367	2122	0.53
152	170	Dalhart	DALH1246	1246	1589	0.52
153	35	Carson County	CARS7030	7030	121	0.51
154	261	Dumas 19th Street	DU191498	1498	49	0.51
155	280	Kingsmill	KING5100	5100	122	0.48
156	165	Osage	OSAG6040	6040	1593	0.48
157	179	Van Buren	VANB7048	7048	321	0.48
158	186	Lynn	LYNN6340	6340	593	0.46
159	100	Pullman	PULL2A40	2A40	187	0.46
160	3	Canadian	CANA325	325	449	0.44
161	148	Centre Street	CENT5310	5310	1532	0.44
162	159	South Georgia	SGEO2338	2338	3362	0.44
163	89	Adobe Creek	ADOB1115	1115	92	0.43
164	9	Canyon East	CANE5190	5190	2002	0.43
165	250	Van Buren	VANB7198	7198	1687	0.43
166	228	Riverview	RIVER095	R095	397	0.43
167	102	Conway	CONW5005	5005	1431	0.42
168	175	Soncy	SONC5130	5130	724	0.41
169	322	County Line	COLICL110	CL110	15	0.40
170	168	Dalhart	DALH106	106	187	0.40
171	152	Levelland City	LEVCLV190	LV190	2407	0.39
172	249	Bennett	BENNS290	S290	78	0.38
173	153	Morton	MORTM130	M130	870	0.38
174	173	Denver City East	DENES110	S110	798	0.37
175	266	Spring Draw	SPRD2C80	2C80	1918	0.36
176	160	Herring	HERR1438	1438	67	0.36
177	236	Slaton	SLATSL150	SL150	451	0.36

**PROJECT NO. 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2012 SAIFI Ranking	2011 SAIFI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIFI Value
178	71	Garza	GARZ6500	6500	717	0.36
179	195	Plainview South	PLVSP210	P210	138	0.36
180	237	Plainview East	PLVEP160	P160	377	0.35
181	213	Perryton	PERR1530	1530	673	0.35
182	123	34th Street	34ST5B90	5B90	1041	0.35
183	147	Lyons	LYON5C25	5C25	1896	0.33
184	263	Slaton	SLATSL140	SL140	565	0.33
185	191	Happy	HAPP7040	7040	377	0.33
186	166	Levelland East	LEVELV960	LV960	925	0.31
187	281	Boardman	BOARS430	S430	16	0.31
188	18	Kite	KITE7106	7106	611	0.31
189	320	34th Street	34ST2B45	2B45	2157	0.30
190	139	Whitaker	WHIT5270	5270	2679	0.30
191	124	Van Buren	VANB7046	7046	2719	0.29
192	158	Whiteface	WHITLV210	LV210	126	0.29
193	180	Highland Park	HIGH5325	5325	328	0.28
194	63	Centre Street	CENT5305	5305	2690	0.28
195	329	Soncy	SONC7116	7116	63	0.27
196	231	Westridge	WRIDP460	P460	566	0.27
197	120	Boardman	BOARS560	S560	153	0.27
198	83	Allmon	ALLMAT120	AT120	688	0.26
199	118	Manhattan	MANH7164	7164	1576	0.25
200	80	West Borger	WBOR1A10	1A10	1176	0.25
201	270	Flanagan	FLANS550	S550	125	0.25
202	204	Bush	BUSH5210	5210	1696	0.24
203	150	Lyons	LYON5C20	5C20	1422	0.24
204	112	McCullough	MCCU5085	5085	1233	0.24
205	268	Brisco	BRIS3434	3434	498	0.23
206	44	Levelland City	LEVCLV180	LV180	2379	0.23
207	117	Burnett	BURN1398	1398	84	0.23
208	215	Hastings	HAST7074	7074	1542	0.23
209	161	Canyon East	CANE5185	5185	768	0.22
210	277	Doss	DOSSS400	S400	1039	0.22
211	79	Weatherly	WEAT1354	1354	772	0.22
212	205	34th Street	34ST5B95	5B95	1588	0.22
213	50	South Floydada	SFLO3551	3551	42	0.21
214	240	Pierce	PIER5B05	5B05	997	0.21
215	332	Van Buren	VANB7190	7190	57	0.21
216	257	Doss	DOSSS495	S495	938	0.21
217	47	South Georgia	SCEO5B40	5B40	1535	0.21
218	110	Prentice	PRENS875	S875	15	0.20
219	209	Perryton	PERR1535	1535	1164	0.19
220	26	East Plant	EPLAA122	A122	1308	0.19
221	98	Exell	EXEL1238	1238	89	0.19
222	273	Muleshoe East	MULEMU640	MU640	173	0.19
223	75	Pierce	PIER5B10	5B10	835	0.19
224	181	Estacado	ESTA5D15	5D15	593	0.19
225	212	Fritch	FRIT1364	1364	1922	0.19
226	97	Hart	HARTHA110	HA110	101	0.19
227	253	Estacado	ESTA5D65	5D65	1076	0.19
228	267	Weatherly	WEAT1350	1350	1518	0.18
229	174	Perryton	PERR1235	1235	1592	0.18
230	242	Plainview City	PLVCP620	P620	365	0.18
231	254	Spearman	SPEA302	302	588	0.18
232	133	South Georgia	SCEO5B30	5B30	1338	0.17
233	256	Farwell	FARWFA620	FA620	52	0.17
234	223	Plainview West	PLVWP110	P110	1133	0.17
235	300	Russell	RUSSS385	S385	124	0.17
236	126	Sunset	SUNS5D35	5D35	546	0.17
237	183	Roxana	ROXA2334	2334	114	0.17
238	295	Tokio	TOKIS800	S800	24	0.17



**PROJECT NO. 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2012 SAIFI Ranking	2011 SAIFI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIFI Value
239	171	Garza	GARZPO110	PO110	514	0.16
240	172	West Borger	WBOR1A20	1A20	1317	0.16
241	193	Pacific	PACILV940	LV940	65	0.15
242	220	Kite	KITE5075	5075	1233	0.15
243	142	Plainview East	PLVEP180	P180	306	0.15
244	121	Farmers	FARM5395	5395	935	0.15
245	214	Westridge	WRIDP450	P450	1481	0.14
246	49	Brownfield	BROW6580	6580	289	0.14
247	197	Dimmitt South	DIMSDI110	DI110	357	0.14
248	99	Lynn	LYNN6300	6300	853	0.14
249	87	Booker	BOOK421	421	122	0.14
250	238	Coulter	COUL5280	5280	872	0.14
251	30	South Georgia	SGEO2346	2346	1126	0.14
252	206	Denver City East	DENES100	S100	940	0.14
253	234	Olton	OLTOSO170	SO170	662	0.14
254	176	Perryton	PERR1230	1230	828	0.13
255	86	Puckett West	PUCW5C35	5C35	1911	0.13
256	6	Roberts County	ROBE7065	7065	89	0.12
257	19	Moore Co	MOORM055	M055	74	0.12
258	287	Riley	RILES510	S510	58	0.12
259	199	Plainview South	PLVSP230	P230	568	0.12
260	221	South Georgia	SGEO5B35	5B35	1695	0.12
261	269	Elwood	ELWOLV140	LV140	61	0.11
262	198	Dimmitt East	DIMEDI180	DI180	452	0.11
263	59	Hendrick	HEND6685	6685	1070	0.10
264	106	Arrowhead	ARRO5D85	5D85	1877	0.10
265	155	Plainview West	PLVWP120	P120	1715	0.10
266	216	Dimmitt East	DIMEDI150	DI150	892	0.10
267	251	Dalhart	DALH1298	1298	1406	0.10
268	264	Parmer County	PARM2475	2475	781	0.10
269	192	Plainview West	PLVWP130	P130	692	0.10
270	321	Canadian	CANA335	335	236	0.09
271	82	Sherman County	SHER1448	1448	11	0.09
272	222	Zavala	ZAVALV780	LV780	11	0.09
273	129	Fritch	FRIT1360	1360	870	0.09
274	252	Whiteface	WHITLV220	LV220	249	0.09
275	67	Estacado	ESTA5D10	5D10	2567	0.09
276	23	McCullough	MCCU7005	7005	1352	0.09
277	317	Littlefield City	LITCLI630	LI630	116	0.09
278	232	Manhattan	MANH5135	5135	697	0.09
279	NA	Dawn	DAWN5A40	5A40	37	0.08
280	246	Arrowhead	ARRO5D80	5D80	346	0.08
281	69	McCullough	MCCU7002	7002	1312	0.08
282	319	Dalhart	DALH108	108	296	0.08
283	330	Spearman	SPEA401	401	361	0.08
284	138	Hastings	HAST7082	7082	1433	0.08
285	310	Moore Co	MOORM060	M060	137	0.07
286	131	Puckett West	PUCW5C30	5C30	740	0.07
287	306	Doss	DOSSS410	S410	182	0.07
288	316	Van Buren	VANB7194	7194	270	0.07
289	259	Dalhart	DALH114	114	315	0.07
290	211	Kingsmill	KING5095	5095	43	0.07
291	262	Estacado	ESTA5D60	5D60	1968	0.07
292	286	Mulshoe East	MULEMU630	MU630	508	0.07
293	200	Estacado	ESTA5D20	5D20	1812	0.07
294	305	Littlefield City	LITCLI610	LI610	347	0.07
295	275	Coulter	COUL5285	5285	1106	0.07
296	134	Booker	BOOK535	535	268	0.06
297	196	Southland	SOUTSO110	SO110	98	0.06
298	278	Levelland East	LEVELV950	LV950	447	0.06
299	77	Parmer County	PARM2465	2465	35	0.06

**PROJECT NO. 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2012 SAIFI Ranking	2011 SAIFI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIFI Value
300	93	Puckett West	PUCW5C60	5C60	111	0.05
301	274	South Georgia	SGEO2342	2342	852	0.05
302	298	Muleshoe Valley	MULVMR150	MR150	591	0.05
303	258	Plainview City	PLVCP630	P630	502	0.05
304	271	Muleshoe City	MULCMU620	MU620	171	0.05
305	25	Littlefield City	LITCLI640	LI640	437	0.05
306	235	Dimmitt South	DIMSDI120	DI120	350	0.05
307	272	Littlefield West	LITWLI156	LI156	249	0.04
308	217	Dalhart	DALH116	116	251	0.04
309	248	Spearman	SPEA301	301	440	0.04
310	279	Farwell	FARWFA610	FA610	259	0.04
311	201	Jaybee	JAYBS765	S765	48	0.04
312	288	Amherst	AMHEAM620	AM620	347	0.04
313	307	Moore Co	MOORM065	M065	924	0.04
314	NA	Hillside	HILS2B15	2B15	1039	0.04
315	125	Allred	ALLRS140	S140	54	0.04
316	244	Amherst	AMHEAM610	AM610	27	0.04
317	51	Bush	BUSH5215	5215	1224	0.03
318	4	Sherman County	SHER1452	1452	36	0.03
319	292	Canadian	CANA350	350	258	0.03
320	218	Farmers	FARM5385	5385	151	0.03
321	NA	Hillside	HILS2B10	2B10	2175	0.03
322	260	Plainview North	PLVNP270	P270	141	0.02
323	328	Riley	RILES500	S500	49	0.02
324	NA	Channing	CHAN1675	1675	200	0.02
325	327	Plainview City	PLVCP670	P670	58	0.02
326	16	Spring Draw	SPRD2C75	2C75	709	0.02
327	38	Sudan Rural	SUDRSR120	SR120	476	0.01
328	294	Muleshoe City	MULCMU610	MU610	137	0.01
329	302	Spearman	SPEA402	402	357	0.01
330	290	Happy	HAPP2326	2326	283	0.01
331	111	Adair	ADAIS790	S790	13	0.00
332	314	Diekemper	DEIKDE110	DE110	63	0.00
333	NA	Fain	FAIN1105	1105	48	0.00
334	NA	Hillside	HILS2B05	2B05	68	0.00
335	NA	Lake Meredith	LAKM2B65	2B65	23	0.00
336	324	Mallet	MALLLV120	LV120	12	0.00
337	94	Plainview City	PLVCP680	P680	81	0.00
338	255	Plainview City	PLVCP690	P690	107	0.00
339	303	Sudan Rural	SUDRSR110	SR110	27	0.00
340	331	Sunset	SUNS5D30	5D30	57	0.00
341	105	Whitaker	WHIT5265	5265	71	0.00
342	312	Whitharral	WHITLV710	LV710	98	0.00

**PROJECT NO. 41092**

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>342</b>
------------

Add or Delete Rows as Necessary

**Xcel Energy**

2012 SAIDI Ranking	2011 SAIDI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIDI Value
1	111	Etter Rural	ETTR5405	5405	161	3679.67
2	236	Channing	CHAN1564	1564	27	2296.10
3	13	Buffalo	BUFF5165	5165	198	997.88
4	42	Lawrence Park	LAWR5020	5020	1547	852.46
5	241	Lehman	LEHMLV510	LV510	61	829.67
6	193	Barwise	BARW1B140	1B140(was IB140)	102	810.35
7	275	Lehman	LEHMLV500	LV500	189	774.33
8	18	Waterfield	WTRF2368	2368	199	690.31
9	198	Texas Farms	TXFA1125	1125	211	672.90
10	45	Irick	IRIC1B110	1B110(was IB110)	79	660.03
11	188	Spearman Int	SPEX1512	1512	887	640.84
12	233	Irick	IRIC1B120	1B120(was IB120)	34	588.68
13	122	Conway	CONW5010	5010	1330	523.71
14	323	Lake Meredith	LAKM2B55	2B55	39	506.64
15	250	Lockney Rural	LOCRLA150	LA150	97	497.66
16	73	Lynn	LYNN6510	6510	264	484.75
17	298	McLean Rural	MCLE5300	5300	766	474.59
18	140	West Anton	WANT3502	3502	620	420.52
19	121	Dumas 19th Street	DU191371	1371	1948	410.40
20	296	Lockney Rural	LOCRLA140	LA140	74	405.74
21	151	Lawrence Park	LAWR5275	5275	1253	398.26
22	21	Burnett	BURN1394	1394	20	394.40
23	51	Springlake	SPRISO140	SO140	136	385.08
24	41	Tascosa	TASC1218	1218	193	371.66
25	20	Booker	BOOK33-08	33-08	1056	355.71
26	136	Lawrence Park	LAWR5050	5050	1161	341.92
27	235	Dalhart	DALH1664	1664	75	331.52
28	104	Riverview	RIVER090	R090	11	320.73
29	8	Southeast	SOEA5C80	5C80	294	305.37
30	292	Allred	ALLRS180	S180	214	295.98
31	44	Springlake	SPRISO150	SO150	316	295.94
32	219	Estacado	ESTA5D70	5D70	741	289.20
33	28	Waterfield	WTRF2364	2364	105	287.58
34	245	Yellowhouse	YELLLV900	LV900	21	285.48
35	36	Moss	MOSS6540	6540	327	279.34
36	158	Bush	BUSH5205	5205	1706	275.63
37	153	Kingsmill	KING5115	5115	785	274.04
38	112	Channing	CHAN1568	1568	52	271.23
39	100	Dumas 19th Street	DU191470	1470	2173	260.85
40	183	Herring	HERR1434	1434	1509	256.87
41	83	Wellman	WELLS755	S755	232	244.11
42	52	Kress Rural	KRERKR120	KR120	131	239.54
43	200	Plainview South	PLVSP220	P220	1127	237.50
44	NA	Brisco	BRIS3457	3457	15	236.13
45	213	Cedar Lake East	CEDES910	S910	26	230.92
46	109	Barwise	BARW1B130	1B130(was IB130)	64	225.00
47	187	Muleshoe West	MULWMR140	MR140	785	218.08
48	27	Bowers	BOWE5090	5090	134	214.98
49	39	Kingsmill	KING5110	5110	268	212.50

PROJECT NO. 41092

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2012 SAIDI Ranking	2011 SAIDI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIDI Value
50	43	Wade	WADE1420	1420	63	211.10
51	30	Highland Park	HIGH5335	5335	995	210.94
52	326	Pacific	PACILV930	LV930	10	210.00
53	81	Moss	MOSS6320	6320	1445	204.75
54	56	Springcreek	SPRI1316	1316	315	204.38
55	94	Monroe	MONR6610	6610	414	196.68
56	62	Springcreek	SPRI1320	1320	91	195.92
57	152	East Plant	EPLAA118	A118	2738	194.11
58	35	Pullman	PULL2A40	2A40	187	193.10
59	307	Lockney Rural	LOCR3417	3417	941	193.09
60	246	Coulter	COUL5290	5290	1526	191.05
61	37	Wildorado	WILD2018	2018	756	187.39
62	325	Middleton	MIDDLV810	LV810	18	186.61
63	19	Kress Rural	KRERKR110	KR110	322	177.57
64	305	Roberts County	ROBE7090	7090	461	175.18
65	186	Lawrence Park	LAWR5025	5025	1735	170.28
66	312	Lariat	LARIMR110	MR110	55	170.22
67	61	Southeast	SOEA5C85	5C85	2695	168.80
68	64	Hastings	HAST7086	7086	743	167.18
69	283	Riverview	RIVER100	R100	236	166.87
70	138	Hale Center	HACTHC110	HC110(Was HR110)	1115	156.99
71	118	Garza	GARZPO120	PO120	345	156.54
72	178	Buffalo	BUFF2215	2215	137	152.49
73	116	Howard	HOWA2480	2480	848	145.58
74	141	Olton	OLTOSO180	SO180	542	143.69
75	78	Middleton	MIDDLV820	LV820	46	137.33
76	50	Plant X	PLAXX310	X310	616	136.53
77	223	Van Buren	VANB7198	7198	1687	134.88
78	194	Palo Duro	PALO5235	5235	401	131.55
79	242	Bowers	BOWE2053	2053	45	131.27
80	190	Doss	DOSS6670	6670	2205	131.24
81	268	Murphy	MURP7535	7535	1657	129.44
82	165	Doss	DOSS6660	6660	492	128.45
83	60	East Plant	EPLAA110	A110	949	127.29
84	88	Cherry	CHER5C15	5C15	1595	124.56
85	215	Aiken Rural	AIKRLA110	LA110	121	123.96
86	166	Bennett	BENNS345	S345	976	122.61
87	15	Roxana	ROXA2076	2076	403	122.15
88	98	Lawrence Park	LAWR5030	5030	1461	119.72
89	34	Dalhart	DALH1580	1580	346	119.41
90	10	Etter Rural	ETTR5410	5410	1045	118.30
91	176	Vickers	VICK6680	6680	1605	117.46
92	117	34th Street	34ST5B85	5B85	2104	117.07
93	163	Plainview North	PLVNP260	P260	1587	115.85
94	240	Kress Rural	KRERKR140	KR140	96	115.70
95	157	Tuco	TUCON404	N404	771	115.26
96	184	Soncy	SONC7020	7020	418	114.92
97	2	Tascosa	TASC1222	1222	56	113.32
98	NA	Carlisle	CARL6650	6650	904	109.72
99	16	Wildorado	WILD2014	2014	342	109.51
100	69	Manhattan	MANH7164	7164	1576	108.93
101	9	Carson County	CARS7030	7030	121	108.83
102	106	Muleshoe West	MULWMR130	MR130	74	108.30
103	169	Frona Rural	FRIO2436	2436	1691	107.09

**PROJECT NO. 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

<b>2012 SAIDI Ranking</b>	<b>2011 SAIDI Ranking</b>	<b>Substation Identification</b>	<b>New Feeder Identification</b>	<b>Old Feeder Identification</b>	<b>Number of Customers</b>	<b>2012 SAIDI Value</b>
104	291	Littlefield South	LITSLI120	LI120	218	107.04
105	12	Whitaker	WHIT5260	5260	1596	105.18
106	23	Tenneco	TENNS440	S440	116	102.10
107	175	Canyon West	CANW7124	7124	2237	101.85
108	26	Sunset	SUN5D40	5D40	1367	101.66
109	29	Canadian	CANA340	340	443	99.96
110	309	Littlefield City	LITCLI620	LI620	101	99.88
111	97	Hastings	HAST7078	7078	3986	98.65
112	254	Canyon West	CANW7128	7128	1537	98.64
113	196	Lockney Rural	LOCR3421	3421	28	98.39
114	74	Whitaker	WHIT5270	5270	2679	98.17
115	139	Sherman County	SHER1456	1456	1052	98.10
116	320	34th Street	34ST2B45	2B45	2157	97.06
117	315	Osage	OSAG6060	6060	130	96.14
118	22	Howard	HOWA2485	2485	507	95.66
119	247	Slaton	SLAT6600	6600	1091	95.24
120	79	Van Buren	VANB7046	7046	2719	94.85
121	189	Herring	HERR1438	1438	67	92.87
122	84	Adobe Creek	ADOB1115	1115	92	92.39
123	257	Industrial	INDU1416	1416	810	91.82
124	256	Hendrick	HEND6675	6675	1258	91.31
125	230	Littlefield South	LITSLI110	LI110	1581	90.87
126	17	Garza	GARZ6520	6520	400	85.96
127	288	Hart	HARTHA120	HA120	526	85.63
128	77	Carson County	CARS7034	7034	53	85.42
129	171	Waterfield	WTRF2361	2361	355	85.06
130	145	Manhattan	MANH7160	7160	1222	84.21
131	80	Lawrence Park	LAWR5315	5315	983	84.07
132	87	Cherry	CHER5C10	5C10	1102	83.90
133	174	Bush	BUSH5210	5210	1696	83.39
134	119	Pierce	PIER5B10	5B10	835	82.64
135	59	Vega	VEGA5195	5195	834	82.52
136	114	Bowers	BOWE2057	2057	585	81.66
137	57	34th Street	34ST5B90	5B90	1041	80.48
138	302	Booker	BOOK422	422	321	79.32
139	5	Kingsmill	KING5105	5105	353	79.00
140	172	East Plant	EPLAA126	A126	639	77.67
141	162	Soncy	SONC7024	7024	1221	75.88
142	319	Exell	EXEL1242	1242	51	74.76
143	89	Industrial	INDU1412	1412	1089	74.33
144	65	Highland Park	HIGH5325	5325	328	73.77
145	126	Morton	MORTM120	M120	172	72.67
146	148	Morton	MORTM130	M130	870	72.16
147	66	Dawn	DAWN5A35	5A35	425	72.06
148	253	Dumas 19th Street	DU191498	1498	49	70.51
149	NA	Bennett	BENNS365	S365	77	70.26
150	25	Spring Draw	SPRD2C70	2C70	967	69.40
151	159	Tuco	TUCON412	N412	702	69.25
152	93	Hereford	HERE2627	2627	1578	68.00
153	24	East Plant	EPLAA122	A122	1308	67.36
154	295	Texaco	TEXALV980	LV980	24	66.67
155	101	Osage	OSAG6065	6065	1798	66.46
156	248	Canyon West	CANW5160	5160	748	64.26
157	239	Dumas 19th Street	DU191367	1367	2122	61.85

**PROJECT NO. 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2012 SAIDI Ranking	2011 SAIDI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIDI Value
158	120	West Borger	WBOR1A10	1A10	1176	58.95
159	33	Van Buren	VANB7044	7044	987	56.45
160	70	South Floydada	SFLO3547	3547	296	56.20
161	58	Canadian	CANA325	325	449	54.83
162	115	Farmers	FARM5390	5390	1238	54.79
163	113	Hereford	HERE2630	2630	718	54.43
164	14	Vega	VEGA5170	5170	62	53.29
165	3	Exell	EXEL1238	1238	89	53.07
166	209	Dalhart	DALH1246	1246	1589	52.27
167	216	Spring Draw	SPRD2C80	2C80	1918	50.14
168	161	Osage	OSAG6040	6040	1593	49.01
169	144	South Georgia	SGEO2338	2338	3362	48.58
170	90	Coble	COBLLV835	LV835	238	48.47
171	179	Soncy	SONC5130	5130	724	47.74
172	125	Conway	CONW5005	5005	1431	44.75
173	293	Kingsmill	KING5100	5100	122	44.11
174	195	Pierce	PIER5B05	5B05	997	42.93
175	249	Bennett	BENNS290	S290	78	42.37
176	232	Van Buren	VANB7048	7048	321	41.91
177	182	Centre Street	CENT5310	5310	1532	41.57
178	134	Plainview South	PLVSP210	P210	138	40.87
179	237	Slaton	SLAT6690	6690	860	40.72
180	105	Boardman	BOARS560	S560	153	36.18
181	222	Happy	HAPP7040	7040	377	35.90
182	137	South Georgia	SGEO5B30	5B30	1338	35.85
183	6	Prentice	PRENS875	S875	15	34.13
184	142	Canyon East	CANE5185	5185	768	34.11
185	68	Pierce	PIER5B00	5B00	1009	34.04
186	225	Lynn	LYNN6340	6340	593	33.94
187	329	Soncy	SONC7116	7116	63	33.19
188	206	Allmon	ALLMAT120	AT120	688	33.08
189	212	Denver City East	DENES100	S100	940	33.04
190	4	Curry County Interchange	CURX3486	3486	245	31.26
191	123	Kite	KITE5B80	5B80	1064	30.77
192	234	Slaton	SLATSL150	SL150	451	30.09
193	289	Russell	RUSSS385	S385	124	29.77
194	164	Coulter	COUL5280	5280	872	29.55
195	147	Whiteface	WHITLV210	LV210	126	29.45
196	133	Centre Street	CENT5305	5305	2690	27.51
197	228	Denver City East	DENES110	S110	798	27.49
198	127	Lynn	LYNN6300	6300	853	26.75
199	102	Canyon East	CANE5190	5190	2002	26.67
200	260	Weatherly	WEAT1350	1350	1518	26.26
201	131	Burnett	BURN1398	1398	84	26.21
202	201	Hastings	HAST7074	7074	1542	25.87
203	168	Hart	HARTHA110	HA110	101	25.44
204	128	Dalhart	DALH106	106	187	24.90
205	270	Estacado	ESTA5D65	5D65	1076	24.51
206	272	Brisco	BRIS3434	3434	498	24.06
207	76	Booker	BOOK421	421	122	24.05
208	191	Estacado	ESTA5D15	5D15	593	23.52
209	173	34th Street	34ST5B95	5B95	1588	23.46
210	269	Doss	DOSSS400	S400	1039	23.29

**PROJECT NO. 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2012 SAIDI Ranking	2011 SAIDI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIDI Value
211	92	South Floydada	SFLO3551	3551	42	23.21
212	75	Garza	GARZ6500	6500	717	23.11
213	218	Garza	GARZPO110	PO110	514	22.99
214	167	Levelland City	LEVCLV190	LV190	2407	22.51
215	71	South Georgia	SGEO5B40	5B40	1535	22.16
216	263	Boardman	BOARS430	S430	16	21.94
217	124	Plainview East	PLVEP180	P180	306	21.80
218	332	Van Buren	VANB7190	7190	57	21.68
219	251	Coulter	COUL5285	5285	1106	21.61
220	280	Slaton	SLATSL140	SL140	565	21.32
221	67	Farmers	FARM5395	5395	935	20.85
222	226	Perryton	PERR1535	1535	1164	20.60
223	318	Tokio	TOKIS800	S800	24	20.04
224	322	County Line	COLICL110	CL110	15	20.00
225	72	Brownfield	BROW6580	6580	289	19.92
226	149	Roxana	ROXA2334	2334	114	19.74
227	207	Perryton	PERR1530	1530	673	19.33
228	181	Fritch	FRIT1360	1360	870	18.54
229	54	Sunset	SUNS5D35	5D35	546	18.37
230	150	Spearman	SPEA302	302	588	18.31
231	154	Fritch	FRIT1364	1364	1922	18.29
232	304	Mulshoe East	MULEMU640	MU640	173	18.23
233	266	Doss	DOSSS495	S495	938	18.00
234	107	Kite	KITE7106	7106	611	17.98
235	321	Canadian	CANA335	335	236	17.65
236	47	South Georgia	SGEO2346	2346	1126	17.36
237	46	Hendrick	HEND6685	6685	1070	17.36
238	221	Levelland East	LEVELV960	LV960	925	17.11
239	160	Perryton	PERR1235	1235	1592	17.11
240	155	Lyons	LYON5C25	5C25	1896	16.46
241	229	Dimmitt South	DIMSDI110	DI110	357	15.24
242	48	Arrowhead	ARRO5D85	5D85	1877	15.16
243	91	Puckett West	PUCW5C30	5C30	740	14.92
244	129	Arrowhead	ARRO5D80	5D80	346	14.87
245	96	McCullough	MCCU5085	5085	1233	14.65
246	199	South Georgia	SGEO5B35	5B35	1695	14.55
247	99	Weatherly	WEAT1354	1354	772	14.29
248	224	Plainview East	PLVEP160	P160	377	14.11
249	130	Riverview	RIVER095	R095	397	13.83
250	317	Littlefield City	LITCLI630	LI630	116	13.75
251	258	Plainview City	PLVCP620	P620	365	13.61
252	31	Bush	BUSH5215	5215	1224	13.27
253	170	Dimmitt East	DIMEDI180	DI180	452	13.25
254	308	Moore Co	MOORM060	M060	137	13.08
255	NA	Dawn	DAWN5A40	5A40	37	13.03
256	205	Manhattan	MANH5135	5135	697	12.98
257	1	Roberts County	ROBE7065	7065	89	12.46
258	204	Perryton	PERR1230	1230	828	12.13
259	277	Flanagan	FLANS550	S550	125	11.90
260	135	Pacific	PACILV940	LV940	65	11.77
261	271	Westridge	WRIDP460	P460	566	11.52
262	192	Olton	OLTOSO170	SO170	662	11.50
263	211	West Borger	WBOR1A20	1A20	1317	11.35
264	227	Plainview West	PLVWP130	P130	692	11.26

PROJECT NO. 41092

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2012 SAIDI Ranking	2011 SAIDI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIDI Value
265	238	Whiteface	WHITLV220	LV220	249	11.18
266	281	Dalhart	DALH1298	1298	1406	10.66
267	265	Farwell	FARWFA620	FA620	52	9.75
268	330	Spearman	SPEA401	401	361	9.58
269	310	Van Buren	VANB7194	7194	270	9.50
270	267	Riley	RILES510	S510	58	9.45
271	95	Hastings	HAST7082	7082	1433	9.39
272	244	Westridge	WRIDP450	P450	1481	9.18
273	55	Moore Co	MOORM055	M055	74	8.65
274	252	Estacado	ESTA5D60	5D60	1968	8.65
275	38	Sherman County	SHER1448	1448	11	8.55
276	255	Plainview West	PLVWP110	P110	1133	8.31
277	220	Plainview South	PLVSP230	P230	568	8.19
278	110	Booker	BOOK535	535	268	8.10
279	180	Plainview West	PLVWP120	P120	1715	7.84
280	103	Levelland City	LEVCLV180	LV180	2379	7.84
281	262	Dalhart	DALH116	116	251	7.67
282	202	Lyons	LYON5C20	5C20	1422	7.49
283	243	Parmer County	PARM2475	2475	781	7.46
284	264	Elwood	ELWOLV140	LV140	61	7.26
285	273	Kite	KITE5075	5075	1233	7.19
286	313	Doss	DOSSS410	S410	182	6.43
287	85	Puckett West	PUCW5C60	5C60	111	6.41
288	86	Puckett West	PUCW5C35	5C35	1911	6.30
289	32	McCullough	MCCU7005	7005	1352	6.29
290	286	Mulshoe Valley	MULVMR150	MR150	591	6.03
291	143	Estacado	ESTA5D10	5D10	2567	5.67
292	287	Littlefield West	LITWLI156	LI156	249	5.23
293	306	Littlefield City	LITCLI610	LI610	347	5.23
294	294	Plainview City	PLVCP630	P630	502	5.20
295	214	Estacado	ESTA5D20	5D20	1812	5.15
296	290	Levelland East	LEVELV950	LV950	447	5.01
297	156	Kingsmill	KING5095	5095	43	4.95
298	NA	Hillside	HILS2B15	2B15	1039	4.80
299	259	South Georgia	SGEO2342	2342	852	4.65
300	185	Zavala	ZAVALV780	LV780	11	4.55
301	203	Dimmitt East	DIMEDI150	DI150	892	4.42
302	261	Mulshoe City	MULCMU620	MU620	171	4.23
303	208	Dimmitt South	DIMSDI120	DI120	350	4.21
304	274	Dalhart	DALH114	114	315	3.79
305	284	Farwell	FARWFA610	FA610	259	3.32
306	299	Mulshoe East	MULEMU630	MU630	508	3.26
307	NA	Channing	CHAN1675	1675	200	3.25
308	63	Littlefield City	LITCLI640	LI640	437	3.22
309	316	Dalhart	DALH108	108	296	3.14
310	231	Canadian	CANA350	350	258	3.10
311	301	Amherst	AMHEAM620	AM620	347	3.08
312	297	Plainview North	PLVNP270	P270	141	3.02
313	82	McCullough	MCCU7002	7002	1312	2.86
314	217	Jaybee	JAYBS765	S765	48	2.81
315	146	Southland	SOUTSO110	SO110	98	2.69
316	11	Sherman County	SHER1452	1452	36	2.36
317	132	Allred	ALLRS140	S140	54	2.33
318	7	Spring Draw	SPRD2C75	2C75	709	2.13



**PROJECT NO. 41092**

Service Quality Report to the Public Utility Commission of Texas

**Xcel Energy**

2012 SAIDI Ranking	2011 SAIDI Ranking	Substation Identification	New Feeder Identification	Old Feeder Identification	Number of Customers	2012 SAIDI Value
319	NA	Hillside	HILS2B10	2B10	2175	2.02
320	40	Parmer County	PARM2465	2465	35	1.91
321	197	Amherst	AMHEAM610	AM610	27	1.89
322	279	Spearman	SPEA301	301	440	1.83
323	210	Farmers	FARM5385	5385	151	1.56
324	282	Spearman	SPEA402	402	357	1.08
325	177	Sudan Rural	SUDRSR120	SR120	476	1.04
326	303	Happy	HAPP2326	2326	283	1.01
327	328	Riley	RILES500	S500	49	0.88
328	278	Muleshoe City	MULCMU610	MU610	137	0.70
329	327	Plainview City	PLVCP670	P670	58	0.69
330	285	Moore Co	MOORM065	M065	924	0.43
331	108	Adair	ADAIS790	S790	13	0.00
332	300	Diekemper	DEIKDE110	DE110	63	0.00
333	NA	Fain	FAIN1105	1105	48	0.00
334	NA	Hillside	HILS2B05	2B05	68	0.00
335	NA	Lake Meredith	LAKM2B65	2B65	23	0.00
336	324	Mallet	MALLLV120	LV120	12	0.00
337	53	Plainview City	PLVCP680	P680	81	0.00
338	276	Plainview City	PLVCP690	P690	107	0.00
339	314	Sudan Rural	SUDRSR110	SR110	27	0.00
340	331	Sunset	SUNS5D30	5D30	57	0.00
341	49	Whitaker	WHIT5265	5265	71	0.00
342	311	Whitharral	WHITLV710	LV710	98	0.00

**PROJECT NO. 41092**

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

**Xcel Energy**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2012 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	19.58%
Vegetation	3.20%
Animals and Birds	6.10%
People (Including cars and farm equip)	14.55%
Utility-owned Equipment	47.73%
Other	1.57%
Unknown	7.27%
	100.00%