



Control Number: 45516



Item Number: 8

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Service Quality Report

2016 FEB 12 PM 1:32
PUBLIC UTILITY COMMISSION
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To The

Public Utility Commission of Texas

In Accordance With

Substantive Rule §25.81

2015 Reporting Year

Xcel Energy

Project 45516

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

System SAIFI

Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
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Forced

2015

1.00	0.03	0.04	0.02	0.06	0.15	0.10	0.15	0.11	0.04	0.09	0.11	0.11
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Scheduled

2015

0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00
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Outside Causes

2015

0.51	0.04	0.03	0.06	0.01	0.06	0.05	0.06	0.10	0.00	0.00	0.06	0.03
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Major Events

2015

0.06	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00
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System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced 2015	138.45	4.03	8.54	1.99	4.98	16.72	16.07	17.21	16.29	3.22	7.37	12.92	29.13
Scheduled 2015	2.08	0.00	0.26	0.20	0.08	0.01	0.06	0.13	0.26	0.06	0.43	0.22	0.37
Outside Causes 2015	43.63	3.83	0.75	2.12	1.18	3.71	6.11	4.57	8.78	0.15	0.51	7.60	4.31
Major Events 2015	17.89	0.00	8.60	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	8.84	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 10 or more Customers

348

Add or Delete Rows as Necessary

Xcel Energy

2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
1	146	Cherry	CHER5C10	1619	5.7375
2	2	Channing	CHAN1568	57	5.5789
3	91	Aiken Rural	AIKRLA110	128	5.5469
4	35	Flanagan	FLANS550	120	5.3917
5	NA(New in '15)	Pringle	PRIN1E15	463	5.3283
6	122	Herring	HERR1438	86	4.7558
7	214	Perryton	PERR1235	1653	4.6763
8	28	Buffalo	BUFF5165	210	4.6571
9	24	Allred	ALLRS140	359	4.3677
10	290	Kress Rural	KRERKR110	344	4.3517
11	57	Etter Rural	ETTR5405	573	4.3508
12	9	Plant X	PLAXX310	612	4.3219
13	10	Buffalo	BUFF2215	457	4.3195
14	92	Channing	CHAN1564	30	4.2333
15	42	Hereford	HERE2630	753	4.2271
16	285	Weatherly	WEAT1354	817	4.1836
17	98	Perryton	PERR1535	1193	4.1400
18	201	Waterfield	WTRF2368	143	4.1189
19	90	Weatherly	WEAT1350	1521	4.1137
20	5	Coble	COBLLV835	252	4.0198
21	77	Moore Co	MOORM065	930	3.9677
22	13	Dalhart	DALH1664	81	3.8889
23	32	Middleton	MIDDLV820	50	3.7800
24	85	Herring	HERR1434	1199	3.7331
25	29	Plainview South	PLVSP210	149	3.6711
26	1	Booker	BOOK33-08	1106	3.5868
27	203	Channing	CHAN1675	467	3.5803
28	8	Irick	IRICIB110	85	3.5647
29	87	Barwise	BARWIB130	60	3.5000
30	26	Spearman Int	SPEX1512	959	3.4692
31	43	Kingsmill	KING5100	127	3.4646
32	123	Lehman	LEHMLV500	195	3.3846
33	79	Lockney Rural	LOCR3421	24	3.3333
34	264	Jaybee	JAYBS765	49	3.2245
35	65	McLean Rural	MCLE5300	820	3.1878
36	51	Lehman	LEHMLV510	64	3.1563
37	7	Plainview East	PLVEP180	292	3.0616
38	140	East Plant	EPLAA110	950	3.0526
39	296	Hastings	HAST7086	809	2.9740
40	253	Palo Duro	PALO1C35	580	2.9586

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2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
41	291	Hale Center	HACTHR145	502	2.9124
42	134	Kingsmill	KING5110	252	2.9048
43	144	Springlake	SPRISO140	163	2.7607
44	14	Carson County	CARS7030	140	2.7357
45	19	Kress Rural	KRERKR120	135	2.7111
46	110	Waterfield	WTRF2364	115	2.7043
47	107	Sherman County	SHER1456	1132	2.6979
48	106	Dalhart	DALH1580	370	2.6973
49	40	Sherman County	SHER1452	40	2.6750
50	39	Roxana	ROXA2076	407	2.6044
51	266	Garza	GARZ6520	396	2.5556
52	120	Denver City East	DENES110	868	2.5046
53	270	Pacific	PACILV940	66	2.4545
54	325	Riley	RILES510	66	2.4242
55	128	Hale Center	HACTHR110	630	2.3921
56	226	Riverview	RIVER100	267	2.3745
57	278	Perryton	PERR1230	581	2.3373
58	130	Vega	VEGA5195	861	2.3055
59	183	Dumas 19th Street	DU191371	1152	2.2700
60	333	Plainview City	PLVCP670	59	2.2034
61	6	Wade	WADE1420	78	2.1667
62	327	Plainview City	PLVCP680	80	2.1625
63	220	Bennett	BENNS290	81	2.1605
64	258	34th Street	34ST5B95	1586	2.0832
65	102	Parmer County	PARM2465	40	2.0500
66	124	McCullough	MCCU5085	1279	2.0047
67	36	Diekemper	DEIKDE110	67	1.9851
68	283	Conway	CONW5010	1437	1.9228
69	46	Bennett	BENNS365	69	1.9130
70	143	Lockney Rural	LOCRLA150	92	1.8913
71	207	Springlake	SPRISO150	318	1.8805
72	232	Dawn	DAWN5A40	34	1.8529
73	16	Kingsmill	KING5105	327	1.8502
74	271	Doss	DOSSS400	1103	1.8486
75	186	Carson County	CARS7034	51	1.8431
76	292	Vega	VEGA5170	61	1.8197
77	225	Mulshoe West	MULWMR130	208	1.8125
78	293	Monroe	MONR6610	417	1.8082
79	74	Parmer County	PARM2475	812	1.8042
80	54	Kress Rural	KRERKR140	142	1.8028
81	21	Hart	HARTHA110	104	1.7885
82	328	Littlefield West	LITWLI156	246	1.7805
83	204	Garza	GARZ6500	737	1.7571
84	217	Estacado	ESTA5D15	680	1.7456
85	64	Russell	RUSSS385	91	1.7033

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2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
86	159	Hastings	HAST7082	1417	1.6965
87	241	Doss	DOSSS495	1012	1.6542
88	47	Spring Draw	SPRD2C70	1061	1.6522
89	101	Hendrick	HEND6685	1097	1.6445
90	161	Riverview	RIVER095	476	1.6218
91	149	Denver City East	DENES100	1042	1.5768
92	227	Plainview City	PLVCP620	237	1.5527
93	127	Texas Farms	TXFA1125	441	1.5488
94	255	Farmers	FARM5395	991	1.5399
95	180	Industrial	INDU1412	1078	1.5288
96	170	Springcreek	SPRI1320	95	1.5263
97	284	Hastings	HAST7074	1503	1.5216
98	73	Bowers	BOWE2053	48	1.5208
99	298	Brisco	BRIS3457	14	1.5000
100	157	Lawrence Park	LAWR5315	968	1.4938
101	12	Industrial	INDU1416	877	1.4892
102	11	Fritch	FRIT1364	1825	1.4805
103	240	Moore Co	MOORM055	73	1.4795
104	184	Conway	CONW5005	1546	1.4534
105	56	Kingsmill	KING5115	838	1.3759
106	44	Bowers	BOWE5090	142	1.3592
107	121	Whiteface	WHITLV210	120	1.3500
108	115	Happy	HAPP7040	373	1.3458
109	83	Brownfield	BROW6580	303	1.3201
110	117	Tokio	TOKIS800	67	1.3134
111	177	Slaton	SLAT6600	1137	1.3105
112	178	Van Buren	VANB7048	327	1.3058
113	171	Dalhart	DALH1246	1741	1.3056
114	224	Lockney Rural	LOCRLA140	72	1.3056
115	75	Tenneco	TENNS440	136	1.3015
116	20	Southeast	SOEA5C80	316	1.2880
117	246	Bush	BUSH5210	1697	1.2823
118	196	Arrowhead	ARRO5D85	2029	1.2740
119	89	Wildorado	WILD2018	948	1.2500
120	251	Westridge	WRIDP450	1495	1.2261
121	158	Estacado	ESTA5D20	1872	1.2244
122	34	Brisco	BRIS3434	490	1.2143
123	119	Roxana	ROXA2334	113	1.2124
124	194	Lariat	LARIMR110	57	1.2105
125	339	Coulter	COUL5290	1814	1.2084
126	218	Wildorado	WILD2014	353	1.1898
127	254	Osage	OSAG6060	132	1.1894
128	129	Hart	HARTHA120	547	1.1865
129	137	Spring Draw	SPRD2C75	862	1.1833
130	245	Lake Meredith	LAKM2B55	46	1.1739

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131	269	Lockney Rural	LOCR3417	947	1.1616
132	329	Spearman	SPEA302	586	1.1587
133	82	Plainview North	PLVNP270	144	1.1528
134	168	Levelland City	LEVCLV180	2323	1.1477
135	94	Pacific	PACILV930	15	1.1333
136	243	Kite	KITE5B80	1073	1.1230
137	4	Moss	MOSS6540	313	1.1182
138	105	Doss	DOSS6660	658	1.1155
139	190	Vickers	VICK6680	1651	1.1127
140	166	West Anton	WANT3502	626	1.1054
141	313	Perryton	PERR1530	672	1.1042
142	256	Arrowhead	ARRO5D80	413	1.0993
143	279	Moore Co	MOORM060	167	1.0958
144	150	South Floydada	SFLO3547	294	1.0816
145	230	Coulter	COUL5280	871	1.0815
146	221	Waterfield	WTRF2361	381	1.0787
147	126	Howard	HOWA2480	629	1.0763
148	205	Hillside	HILS2B05	140	1.0714
149	31	Moss	MOSS6320	1270	1.0449
150	276	Whitaker	WHIT5265	72	1.0417
151	237	Pierce	PIER5B10	854	1.0363
152	136	Plainview East	PLVEP160	347	1.0317
153	236	Amherst	AMHEAM610	29	1.0000
154	3	Coulter	COUL5285	248	1.0000
155	286	Canadian	CANA340	445	0.9955
156	340	Dumas 19th Stre	DU191498	64	0.9844
157	320	Morton	MORTM130	874	0.9531
158	294	Boardman	BOARS430	21	0.9524
159	212	Murphy	MURP7535	1702	0.9477
160	287	West Borger	WBOR1A20	1299	0.9461
161	175	Kite	KITE7106	645	0.9008
162	242	Roberts County	ROBE7090	487	0.8891
163	309	Osage	OSAG6065	1936	0.8750
164	108	Manhattan	MANH5135	698	0.8668
165	280	Muleshoe West	MULWMR140	663	0.8597
166	30	County Line	COLICL110	14	0.8571
167	147	Seminole Interch	SEMX6E00	650	0.8446
168	18	Boardman	BOARS560	165	0.8424
169	181	Spearman	SPEA301	456	0.8377
170	165	Spring Draw	SPRD2C80	2051	0.8357
171	191	Doss	DOSS6670	1994	0.8079
172	112	Burnett	BURN1398	99	0.7778
173	215	Highland Park	HIGH5335	1010	0.7703
174	142	Seminole Interch	SEMX6E10	287	0.7526
175	22	Roberts County	ROBE7065	94	0.7447

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176	48	Exell	EXEL1238	232	0.7241
177	55	Plainview North	PLVNP260	1557	0.7174
178	38	Canyon West	CANW7124	2273	0.7008
179	248	Riverview	RIVER090	19	0.6842
180	23	Friona Rural	FRIO2436	1694	0.6765
181	95	Cherry	CHER5C15	1619	0.6739
182	222	South Georgia	SGEO2346	1134	0.6720
183	231	Tuco	TUCON404	781	0.6671
184	15	Irick	IRICIB120	54	0.6667
185	312	Canyon East	CANE5190	2062	0.6629
186	17	Canadian	CANA335	319	0.6583
187	208	Dawn	DAWN5A35	442	0.6471
188	330	Garza	GARZPO110	508	0.6398
189	200	Olton	OLTOSO180	568	0.6268
190	153	South Georgia	SGEO2342	1138	0.6230
191	72	East Plant	EPLAA118	2723	0.6100
192	267	Lawrence Park	LAWR5275	1255	0.6056
193	125	Fritch	FRIT1360	904	0.6018
194	114	Howard	HOWA2485	610	0.5770
195	323	Riley	RILES500	53	0.5660
196	131	Whitaker	WHIT5270	2682	0.5600
197	160	Dalhart	DALH1298	1706	0.5539
198	342	Prentice	PRENS875	13	0.5385
199	209	Slaton	SLATSL140	581	0.5370
200	103	East Plant	EPLAA122	1242	0.5233
201	304	Levelland East	LEVELV960	1074	0.5223
202	68	Bush	BUSH5205	1714	0.5018
203	88	Bennett	BENNS345	1028	0.5000
204	187	Kite	KITE5075	1257	0.4956
205	206	Whiteface	WHITLV220	290	0.4931
206	341	Littlefield City	LITCLI620	102	0.4902
207	182	Adobe Creek	ADOB1115	94	0.4894
208	288	Lawrence Park	LAWR5050	1193	0.4820
209	189	Farmers	FARM5390	1461	0.4798
210	229	Olton	OLTOSO170	669	0.4783
211	45	Canyon West	CANW5160	809	0.4771
212	135	Highland Park	HIGH5325	277	0.4729
213	116	Burnett	BURN1394	54	0.4630
214	169	Pullman	PULL2A40	199	0.4623
215	172	Plainview West	PLVWP120	1524	0.4547
216	80	East Plant	EPLAA126	634	0.4543
217	185	Dumas 19th Street	DU191470	2303	0.4538
218	310	Littlefield South	LITSLI110	1581	0.4535
219	148	Carlisle	CARL6650	915	0.4514
220	289	Levelland City	LEVCLV190	2306	0.4402

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2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
221	332	South Georgia	SGEO5B35	1702	0.4313
222	59	Bowers	BOWE2057	589	0.4295
223	307	Canyon West	CANW7128	1672	0.4270
224	133	South Georgia	SGEO2338	3380	0.4201
225	317	Lake Meredith	LAKM2B65	24	0.4167
226	61	Southeast	SOEA5C85	2706	0.4165
227	259	Manhattan	MANH7160	1226	0.4144
228	104	Littlefield City	LITCL1640	438	0.4132
229	41	Barwise	BARWIB140	110	0.4091
230	27	Pierce	PIER5B00	996	0.4016
231	306	Lynn	LYNN6340	638	0.3997
232	210	Estacado	ESTA5D65	2169	0.3721
233	265	Whitaker	WHIT5260	1719	0.3682
234	275	Farwell	FARWFA620	70	0.3571
235	199	Lawrence Park	LAWR5030	1589	0.3556
236	195	Elwood	ELWOLV140	57	0.3509
237	49	Plainview South	PLVSP220	1114	0.3483
238	234	Allmon	ALLMAT120	701	0.3452
239	303	Plainview City	PLVCP690	105	0.3429
240	244	Happy	HAPP2326	277	0.3249
241	141	Canyon East	CANE5185	825	0.3188
242	67	Lyons	LYON5C25	1913	0.3168
243	63	Hereford	HERE2627	1627	0.3153
244	295	Etter Rural	ETTR5410	725	0.3145
245	71	Mallet	MALLLV120	13	0.3077
246	93	Wellman	WELLS755	235	0.3064
247	173	34th Street	34ST2B45	2152	0.2993
248	69	Adair	ADAIS790	17	0.2941
249	305	Levelland East	LEVELV950	510	0.2922
250	167	Lyons	LYON5C20	1402	0.2882
251	154	Hastings	HAST7078	3462	0.2860
252	228	Pierce	PIER5B05	934	0.2805
253	211	West Borger	WBOR1A10	1256	0.2771
254	111	Dumas 19th Street	DU191367	1711	0.2770
255	188	Lawrence Park	LAWR5025	1808	0.2649
256	25	Curry County Int	CURX3486	348	0.2644
257	192	Plainview West	PLVWP130	677	0.2629
258	174	Tuco	TUCON412	745	0.2604
259	281	Cedar Lake East	CEDES910	27	0.2593
260	162	Centre Street	CENT5310	1538	0.2575
261	132	Dimmitt East	DIMEDI180	447	0.2573
262	261	Lynn	LYNN6300	840	0.2488
263	250	Van Buren	VANB7198	1675	0.2448
264	113	Exell	EXEL1242	86	0.2442
265	76	Springcreek	SPRI1316	357	0.2437

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266	335	Sunset	SUNS5D40	1430	0.2378
267	62	Sunset	SUNS5D35	548	0.2336
268	321	Osage	OSAG6040	1832	0.2325
269	233	Farmers	FARM5385	211	0.2322
270	308	Sudan Rural	SUDRSR120	468	0.2308
271	198	Manhattan	MANH7164	1639	0.2257
272	272	South Georgia	SGEO5B40	1488	0.2218
273	326	Levelland City	LEVCLV520	145	0.2207
274	316	Dimmitt South	DIMSDI120	352	0.2188
275	262	Plainview West	PLVWP110	1445	0.2180
276	53	34th Street	34ST5B85	2115	0.2128
277	216	Lawrence Park	LAWR5020	1529	0.2126
278	81	Estacado	ESTA5D60	2272	0.2117
279	239	Doss	DOSSS410	242	0.2107
280	193	McCullough	MCCU7005	1349	0.2068
281	252	Southland	SOUTSO110	99	0.2020
282	33	Booker	BOOK422	328	0.2012
283	247	Centre Street	CENT5305	2689	0.1952
284	84	South Georgia	SGEO5B30	1424	0.1924
285	277	Van Buren	VANB7044	897	0.1906
286	213	Plainview South	PLVSP230	568	0.1796
287	202	Estacado	ESTA5D70	735	0.1755
288	50	Garza	GARZPO120	345	0.1710
289	319	Texaco	TEXALV980	25	0.1600
290	163	Muleshoe Valley	MULVMR150	926	0.1598
291	152	McCullough	MCCU7002	1306	0.1577
292	249	Sherman County	SHER1448	13	0.1538
293	118	Van Buren	VANB7194	276	0.1449
294	268	Plainview City	PLVCP630	499	0.1403
295	179	Fain	FAIN1105	87	0.1379
296	138	Dalhart	DALH116	254	0.1378
297	155	Canadian	CANA325	444	0.1374
298	58	Morton	MORTM120	164	0.1341
299	NA(New in '15)	Higg East	HGEA6A05	23	0.1304
300	282	Littlefield City	LITCL1630	114	0.1228
301	318	Kingsmill	KING5095	51	0.1176
302	219	Spearman	SPEA401	371	0.1159
303	100	Lynn	LYNN6510	266	0.1128
304	60	Van Buren	VANB7046	2705	0.1128
305	300	Hillside	HILS2B10	2707	0.1068
306	336	Farwell	FARWFA610	275	0.1055
307	78	Amherst	AMHEAM620	352	0.1023
308	324	Puckett West	PUCW5C35	1934	0.0988
309	145	34th Street	34ST5B90	915	0.0940
310	273	Dumas 19th Street	DU191175	1420	0.0915

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311	37	Hendrick	HEND6675	1271	0.0913
312	223	Westridge	WRIDP460	598	0.0870
313	197	Yellowhouse	YELLLV900	23	0.0870
314	260	Estacado	ESTA5D10	2326	0.0860
315	52	Soncy	SONC5130	723	0.0858
316	343	Puckett West	PUCW5C30	744	0.0833
317	96	Canadian	CANA350	255	0.0784
318	235	Slaton	SLAT6690	847	0.0767
319	301	Puckett West	PUCW5C60	118	0.0763
320	238	Dimmitt South	DIMSDI110	356	0.0758
321	331	Littlefield City	LITCLI610	321	0.0623
322	263	Soncy	SONC7024	1226	0.0604
323	302	Dalhart	DALH106	186	0.0538
324	314	Dalhart	DALH108	305	0.0492
325	311	Muleshoe East	MULEMU630	185	0.0486
326	315	Littlefield South	LITSLI120	213	0.0469
327	257	Dalhart	DALH114	148	0.0405
328	86	Muleshoe City	MULCMU620	452	0.0398
329	164	Sunset	SUNS5D30	61	0.0328
330	109	Booker	BOOK421	123	0.0325
331	151	Slaton	SLATSL150	451	0.0288
332	176	South Floydada	SFLO3551	36	0.0278
333	274	Hillside	HILS2B15	1155	0.0277
334	299	Dimmitt East	DIMEDI150	880	0.0216
335	70	Booker	BOOK535	274	0.0146
336	297	Whitharral	WHITLV710	92	0.0109
337	338	Bush	BUSH5215	1321	0.0061
338	337	Soncy	SONC7020	412	0.0049
339	NA(New in '15)	Damron	DAMR5365	10	0.0000
340	NA(New in '15)	Kingsmill	KING1B80	25	0.0000
341	66	Middleton	MIDDLV810	18	0.0000
342	156	Muleshoe City	MULCMU610	22	0.0000
343	322	Muleshoe East	MULEMU640	19	0.0000
344	344	Soncy	SONC7116	62	0.0000
345	334	Spearman	SPEA402	368	0.0000
346	99	Sudan Rural	SUDRSR110	24	0.0000
347	139	Van Buren	VANB7190	51	0.0000
348	97	Zavala	ZAVALV780	12	0.0000

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

348

Add or Delete Rows as Necessary

Xcel Energy

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
1	274	Hale Center	HACTHR145	502	2116.66
2	25	Buffalo	BUFF5165	210	2040.66
3	8	Buffalo	BUFF2215	457	2024.32
4	77	Lehman	LEHMLV500	195	1918.05
5	98	Bennett	BENNS365	69	1831.33
6	5	Channing	CHAN1568	57	1339.78
7	112	Herring	HERR1438	86	1249.80
8	52	Kingsmill	KING5100	127	1226.68
9	191	Muleshoe West	MULWMR130	208	1191.83
10	33	Plant X	PLAXX310	612	1156.54
11	54	Allred	ALLRS140	359	1141.84
12	18	Irick	IRICIB110	85	1018.32
13	19	Coble	COBLLV835	252	1004.29
14	39	Barwise	BARWIB130	60	986.00
15	37	Channing	CHAN1564	30	962.22
16	63	Dalhart	DALH1580	370	914.11
17	85	Etter Rural	ETTR5405	573	872.94
18	221	Moore Co	MOORM065	930	823.24
19	4	Wade	WADE1420	78	799.26
20	10	Kingsmill	KING5105	327	799.22
21	186	Pacific	PACILV940	66	794.66
22	157	Hendrick	HEND6685	1097	721.99
23	151	McLean Rural	MCLE5300	820	671.12
24	NA(New in '15)	Pringle	PRIN1E15	463	661.68
25	275	Garza	GARZ6520	396	653.56
26	183	Waterfield	WTRF2368	143	637.12
27	38	Roxana	ROXA2076	407	624.57
28	2	Booker	BOOK33-08	1106	620.88
29	17	Dalhart	DALH1664	81	613.11
30	163	Perryton	PERR1235	1653	611.50
31	47	Parmer County	PARM2465	40	611.33
32	222	Bennett	BENNS290	81	604.61
33	298	Jaybee	JAYBS765	49	596.10
34	48	Lehman	LEHMLV510	64	590.00
35	61	Herring	HERR1434	1199	587.90
36	89	Channing	CHAN1675	467	556.48
37	138	Aiken Rural	AIKRLA110	128	550.43
38	272	Plainview City	PLVCP620	237	542.36
39	142	Texas Farms	TXFA1125	441	518.60
40	14	Bowers	BOWE5090	142	508.01

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
41	144	Lockney Rural	LOCR3421	24	472.02
42	161	Springlake	SPRISO150	318	468.51
43	312	Farwell	FARWFA620	70	462.76
44	171	Springlake	SPRISO140	163	461.04
45	36	Sherman County	SHER1452	40	460.80
46	181	Springcreek	SPRI1320	95	458.39
47	148	Hereford	HERE2630	753	455.93
48	214	Palo Duro	PALO1C35	580	455.19
49	107	Bowers	BOWE2053	48	447.56
50	277	Hastings	HAST7086	809	439.38
51	53	Burnett	BURN1398	99	439.35
52	12	Flanagan	FLANS550	120	430.92
53	32	Plainview East	PLVEP180	292	416.09
54	269	Perryton	PERR1230	581	376.91
55	90	Middleton	MIDDLEV820	50	368.86
56	26	Carson County	CARS7030	140	360.60
57	16	Spearman Int	SPEX1512	959	351.55
58	146	Perryton	PERR1535	1193	343.84
59	128	Riverview	RIVER100	267	336.71
60	254	Farmers	FARM5395	991	336.05
61	114	Denver City East	DENES110	868	334.85
62	136	Cherry	CHER5C10	1619	323.42
63	58	Sherman County	SHER1456	1132	322.65
64	282	Weatherly	WEAT1354	817	318.22
65	9	Moss	MOSS6540	313	311.71
66	283	Estacado	ESTA5D15	680	308.89
67	122	Seminole Interch	SEMX6E10	287	308.64
68	149	Roxana	ROXA2334	113	308.12
69	286	Conway	CONW5010	1437	304.11
70	323	Kress Rural	KRERKR110	344	298.48
71	155	Osage	OSAG6060	132	297.64
72	172	Carson County	CARS7034	51	297.18
73	259	Moore Co	MOORM055	73	293.85
74	130	Howard	HOWA2480	629	282.74
75	236	Van Buren	VANB7048	327	279.92
76	110	Kingsmill	KING5110	252	267.98
77	42	Plainview South	PLVSP210	149	267.84
78	324	Riley	RILES510	66	265.56
79	152	Hastings	HAST7082	1417	264.48
80	258	Hillside	HILS2B05	140	260.74
81	197	Doss	DOSS6670	1994	260.17
82	81	Riverview	RIVER095	476	255.18
83	260	South Georgia	SGEO2346	1134	246.66
84	210	Roberts County	ROBE7090	487	246.41
85	49	Spring Draw	SPRD2C75	862	244.52

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
86	93	Happy	HAPP7040	373	241.17
87	102	South Floydada	SFLO3547	294	235.96
88	6	Kress Rural	KRERKR120	135	234.68
89	292	Moore Co	MOORM060	167	233.25
90	291	Brisco	BRIS3457	14	233.14
91	300	Lockney Rural	LOCR3417	947	228.11
92	159	Arrowhead	ARRO5D85	2029	227.21
93	285	Monroe	MONR6610	417	226.74
94	84	Moss	MOSS6320	1270	224.83
95	73	Vega	VEGA5195	861	219.70
96	34	Waterfield	WTRF2364	115	215.88
97	327	Plainview City	PLVCP680	80	209.06
98	83	Spring Draw	SPRD2C70	1061	208.37
99	76	Diekemper	DEIKDE110	67	208.27
100	7	Brisco	BRIS3434	490	207.84
101	198	Dumas 19th Street	DU191371	1152	200.30
102	206	Lake Meredith	LAKM2B55	46	193.20
103	168	Lockney Rural	LOCRLA150	92	192.65
104	51	Manhattan	MANH5135	698	191.87
105	45	Parmer County	PARM2475	812	188.33
106	231	Whitaker	WHIT5265	72	186.92
107	13	Roberts County	ROBE7065	94	186.02
108	336	Plainview City	PLVCP670	59	184.96
109	212	Wildorado	WILD2014	353	183.87
110	255	Muleshoe West	MULWMR140	663	183.21
111	15	Hart	HARTHA110	104	181.12
112	129	Spring Draw	SPRD2C80	2051	179.55
113	224	Waterfield	WTRF2361	381	179.41
114	322	Perryton	PERR1530	672	178.17
115	314	Vega	VEGA5170	61	176.84
116	162	East Plant	EPLAA110	950	173.94
117	62	Southeast	SOEA5C80	316	170.28
118	170	Garza	GARZ6500	737	165.99
119	140	Canyon East	CANE5185	825	165.65
120	219	Hale Center	HACTHR110	630	165.04
121	60	Kress Rural	KRERKR140	142	165.02
122	178	Estacado	ESTA5D20	1872	160.43
123	133	McCullough	MCCU5085	1279	158.79
124	280	Doss	DOSSS495	1012	158.74
125	96	Lawrence Park	LAWR5315	968	152.14
126	40	Tokio	TOKIS800	67	151.65
127	166	Highland Park	HIGH5335	1010	149.38
128	289	Riverview	RIVER090	19	148.47
129	290	Doss	DOSSS400	1103	147.88
130	204	Dawn	DAWN5A40	34	147.62

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
131	190	Seminole Interch	SEM6E00	650	143.85
132	249	Pierce	PIER5B10	854	143.53
133	57	Mallet	MALLLV120	13	143.23
134	220	Lockney Rural	LOCRLA140	72	143.10
135	279	Boardman	BOARS430	21	141.14
136	262	Amherst	AMHEAM610	29	138.38
137	196	Conway	CONW5005	1546	136.15
138	44	Wildorado	WILD2018	948	135.63
139	160	Plainview East	PLVEP160	347	131.95
140	340	Dumas 19th Stre	DU191498	64	129.78
141	177	Levelland City	LEVCLV180	2323	128.98
142	86	Adobe Creek	ADOB1115	94	128.19
143	116	Dalhart	DALH1246	1741	127.01
144	100	Russell	RUSSS385	91	124.22
145	21	Irick	IRICIB120	54	122.83
146	78	Fritch	FRIT1360	904	121.79
147	189	Slaton	SLAT6600	1137	121.04
148	315	Spearman	SPEA302	586	119.18
149	261	Lawrence Park	LAWR5275	1255	117.17
150	74	Plainview North	PLVNP270	144	116.69
151	22	Boardman	BOARS560	165	115.33
152	188	Denver City East	DENES100	1042	115.07
153	252	Canyon West	CANW7128	1672	114.58
154	235	Vickers	VICK6680	1651	109.43
155	135	Hart	HARTHA120	547	105.40
156	141	Bennett	BENNS345	1028	103.55
157	147	Weatherly	WEAT1350	1521	102.90
158	88	Exell	EXEL1238	232	101.27
159	319	Canyon East	CANE5190	2062	99.56
160	273	Hastings	HAST7074	1503	96.67
161	127	Cherry	CHER5C15	1619	96.24
162	113	Doss	DOSS6660	658	95.64
163	82	Tenneco	TENNS440	136	94.30
164	270	West Borger	WBOR1A20	1299	90.73
165	246	Kite	KITE5B80	1073	90.19
166	195	Lariat	LARIMR110	57	88.39
167	80	Highland Park	HIGH5325	277	87.98
168	109	Burnett	BURN1394	54	86.76
169	215	Yellowhouse	YELLLV900	23	86.35
170	303	Riley	RILES500	53	85.00
171	308	Sudan Rural	SUDRSR120	468	84.60
172	87	Howard	HOWA2485	610	84.43
173	105	South Georgia	SGEO2342	1138	84.25
174	66	Canyon West	CANW7124	2273	83.75
175	1	Fritch	FRIT1364	1825	83.06

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
176	124	Dalhart	DALH1298	1706	81.56
177	306	Lynn	LYNN6340	638	81.08
178	150	Industrial	INDU1412	1078	80.96
179	242	Bush	BUSH5210	1697	80.57
180	97	Whiteface	WHITLV210	120	80.18
181	134	Pacific	PACILV930	15	79.82
182	267	34th Street	34ST5B95	1586	78.72
183	167	Tuco	TUCON404	781	77.17
184	342	Prentice	PRENS875	13	76.46
185	232	Canadian	CANA340	445	75.93
186	185	Olton	OLTOSO170	669	75.89
187	293	Plainview City	PLVCP690	105	74.86
188	339	Coulter	COUL5290	1814	74.47
189	320	Osage	OSAG6065	1936	74.41
190	153	Kingsmill	KING5115	838	73.68
191	251	Westridge	WRIDP450	1495	73.31
192	328	Littlefield West	LITWLI156	246	73.31
193	64	Bowers	BOWE2057	589	73.03
194	75	Industrial	INDU1416	877	71.34
195	121	Plainview North	PLVNP260	1557	70.83
196	184	Dawn	DAWN5A35	442	69.73
197	126	Murphy	MURP7535	1702	68.31
198	28	Pierce	PIER5B00	996	68.02
199	301	Lake Meredith	LAKM2B65	24	65.54
200	311	Levelland East	LEVELV950	510	65.34
201	56	Canyon West	CANW5160	809	63.62
202	341	Littlefield City	LITCLI620	102	61.31
203	207	Plainview West	PLVWP120	1524	61.07
204	59	Garza	GARZPO120	345	57.92
205	156	Olton	OLTOSO180	568	57.17
206	31	County Line	COLICL110	14	56.57
207	132	West Anton	WANT3502	626	56.41
208	200	Pullman	PULL2A40	199	55.62
209	205	Dumas 19th Street	DU191470	2303	55.17
210	164	Dimmitt East	DIMEDI180	447	54.62
211	125	Whitaker	WHIT5270	2682	54.15
212	27	Southeast	SOEA5C85	2706	54.11
213	179	Spearman	SPEA301	456	53.67
214	208	Whitaker	WHIT5260	1719	53.63
215	202	Estacado	ESTA5D65	2169	53.00
216	119	Sunset	SUNS5D35	548	52.30
217	71	East Plant	EPLAA126	634	51.71
218	95	34th Street	34ST2B45	2152	51.45
219	108	Fain	FAIN1105	87	51.15
220	192	Allmon	ALLMAT120	701	50.27

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
221	180	Coulter	COUL5280	871	50.24
222	329	Garza	GARZPO110	508	49.74
223	43	Curry County Int	CURX3486	348	48.59
224	284	Lawrence Park	LAWR5050	1193	48.57
225	223	Lawrence Park	LAWR5025	1808	48.27
226	158	Lawrence Park	LAWR5030	1589	47.22
227	175	Carlisle	CARL6650	915	46.22
228	201	Sherman County	SHER1448	13	46.15
229	41	Friona Rural	FRIO2436	1694	45.85
230	91	East Plant	EPLAA122	1242	45.37
231	209	Arrowhead	ARRO5D80	413	45.25
232	297	Levelland City	LEVCLV190	2306	44.89
233	11	Canadian	CANA335	319	43.84
234	216	Tuco	TUCON412	745	43.79
235	218	Doss	DOSSS410	242	43.02
236	199	Happy	HAPP2326	277	43.00
237	103	South Georgia	SGEO2338	3380	42.96
238	101	Bush	BUSH5205	1714	42.54
239	211	Farmers	FARM5385	211	42.15
240	239	Hastings	HAST7078	3462	42.04
241	165	Slaton	SLATSL140	581	40.81
242	68	East Plant	EPLAA118	2723	40.75
243	92	Springcreek	SPRI1316	357	40.71
244	241	Manhattan	MANH7164	1639	40.70
245	244	Whiteface	WHITLV220	290	40.67
246	234	Elwood	ELWOLV140	57	40.56
247	288	Cedar Lake East	CEDES910	27	40.52
248	295	Etter Rural	ETTR5410	725	38.75
249	154	Plainview West	PLVWP130	677	38.57
250	173	Lyons	LYON5C25	1913	38.49
251	46	Brownfield	BROW6580	303	37.60
252	169	Hereford	HERE2627	1627	37.13
253	325	Levelland East	LEVELV960	1074	37.10
254	256	Wellman	WELLS755	235	36.55
255	334	Sunset	SUNS5D40	1430	36.15
256	257	Lynn	LYNN6300	840	35.10
257	243	Van Buren	VANB7044	897	35.10
258	182	Farmers	FARM5390	1461	34.78
259	99	Exell	EXEL1242	86	33.80
260	115	Dumas 19th Stre	DU191367	1711	33.44
261	253	Kite	KITE7106	645	33.39
262	316	Littlefield South	LITSLI110	1581	32.73
263	139	Coulter	COUL5285	248	31.96
264	225	Pierce	PIER5B05	934	30.48
265	228	Van Buren	VANB7198	1675	29.89

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
266	240	West Borger	WBOR1A10	1256	29.71
267	174	Littlefield City	LITCLI640	438	29.21
268	67	Barwise	BARWIB140	110	28.72
269	229	Kite	KITE5075	1257	28.25
270	70	Adair	ADAIS790	17	28.18
271	250	Southland	SOUTSO110	99	27.60
272	35	34th Street	34ST5B85	2115	25.46
273	131	34th Street	34ST5B90	915	25.17
274	310	South Georgia	SGEO5B35	1702	24.50
275	247	Manhattan	MANH7160	1226	24.01
276	217	Van Buren	VANB7194	276	23.55
277	117	Plainview South	PLVSP220	1114	22.51
278	176	Centre Street	CENT5310	1538	22.27
279	276	South Georgia	SGEO5B40	1488	20.89
280	313	Morton	MORTM130	874	20.88
281	237	Plainview South	PLVSP230	568	19.99
282	104	Lynn	LYNN6510	266	19.93
283	94	Van Buren	VANB7046	2705	19.63
284	118	Dalhart	DALH116	254	19.58
285	23	Estacado	ESTA5D60	2272	19.19
286	213	Muleshoe Valley	MULVMR150	926	18.26
287	203	Lyons	LYON5C20	1402	17.46
288	193	Spearman	SPEA401	371	17.32
289	317	Osage	OSAG6040	1832	17.17
290	137	Canadian	CANA325	444	16.92
291	230	McCullough	MCCU7005	1349	16.57
292	NA(New in '15)	Higg East	HGEA6A05	23	15.96
293	321	Puckett West	PUCW5C35	1934	15.80
294	318	Plainview West	PLVWP110	1445	15.51
295	265	Lawrence Park	LAWR5020	1529	15.39
296	50	Morton	MORTM120	164	15.36
297	309	Dimmitt South	DIMSDI120	352	15.14
298	264	Centre Street	CENT5305	2689	15.05
299	3	Canadian	CANA350	255	13.31
300	330	Levelland City	LEVCLV520	145	13.30
301	226	McCullough	MCCU7002	1306	12.47
302	305	Dalhart	DALH108	305	11.76
303	187	South Georgia	SGEO5B30	1424	11.73
304	29	Booker	BOOK422	328	11.63
305	278	Estacado	ESTA5D10	2326	11.53
306	263	Estacado	ESTA5D70	735	11.10
307	24	Hendrick	HEND6675	1271	11.08
308	227	Littlefield City	LITCLI630	114	10.82
309	326	Dalhart	DALH106	186	10.22
310	55	Soncy	SONC5130	723	9.99

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
311	268	Hillside	HILS2B10	2707	9.28
312	238	Dumas 19th Street	DU191175	1420	9.07
313	65	Muleshoe City	MULCMU620	452	9.00
314	296	Muleshoe East	MULEMU630	185	8.89
315	271	Slaton	SLAT6690	847	8.76
316	245	Dimmitt South	DIMSDI110	356	8.46
317	233	Westridge	WRIDP460	598	8.44
318	333	Littlefield City	LITCLI610	321	8.38
319	106	Amherst	AMHEAM620	352	8.21
320	145	Sunset	SUNS5D30	61	7.36
321	302	Texaco	TEXALV980	25	7.04
322	307	Plainview City	PLVCP630	499	6.26
323	120	Booker	BOOK421	123	6.11
324	266	Littlefield South	LITSLI120	213	5.89
325	143	South Floydada	SFLO3551	36	5.75
326	335	Farwell	FARWFA610	275	5.52
327	248	Hillside	HILS2B15	1155	5.28
328	304	Soncy	SONC7024	1226	4.84
329	281	Kingsmill	KING5095	51	4.57
330	343	Puckett West	PUCW5C30	744	3.73
331	299	Puckett West	PUCW5C60	118	3.03
332	79	Dalhart	DALH114	148	2.09
333	123	Slaton	SLATSL150	451	1.86
334	287	Dimmitt East	DIMEDI150	880	1.61
335	69	Booker	BOOK535	274	1.51
336	294	Whitharral	WHITLV710	92	0.72
337	338	Bush	BUSH5215	1321	0.35
338	337	Soncy	SONC7020	412	0.26
339	NA(New in '15)	Damron	DAMR5365	10	0.00
340	NA(New in '15)	Kingsmill	KING1B80	25	0.00
341	20	Middleton	MIDDLV810	18	0.00
342	72	Muleshoe City	MULCMU610	22	0.00
343	332	Muleshoe East	MULEMU640	19	0.00
344	344	Soncy	SONC7116	62	0.00
345	331	Spearman	SPEA402	368	0.00
346	194	Sudan Rural	SUDRSR110	24	0.00
347	111	Van Buren	VANB7190	51	0.00
348	30	Zavala	ZAVALV780	12	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.

2015 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	18.81%
Vegetation	2.29%
Animals and Birds	2.65%
People (Including cars and farm equip)	6.78%
Utility-owned Equipment	51.74%
Other	2.60%
Unknown	15.12%