



Control Number: 49068



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49068

§25.52. -- Reliability and Continuity of Service.

<http://www.puc.texas.gov/agency/rulesnlaws/subrules/electric/25.52/25.52>

Application. This section applies to all electric utilities as defined by the Public Utility Regulatory Act (PURA) §31.002(6) and all transmission and distribution utilities as defined by PURA §31.002(19). The term "utility" as used in this section shall mean an electric utility and a transmission and distribution utility.

Public Utility Regulatory Act §31.002

<http://www.puc.texas.gov/agency/rulesnlaws/statutes/Pura15.pdf>

DEFINITIONS.

The term "Electric utility" does not include a municipally owned utility or an electric cooperative.

Information typed in highlighted cells will appear on following sheets.

Utility: Xcel Energy

Feeder: 345

Due: February 14, 2019

File: Five Printed Copies and
One Electronic Copy of This Excel File

Project: 49068

Address: Attn: Filing Clerk
Public Utility Commission of Texas
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Austin, Texas 78711-3326

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Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2018 Reporting Year

Xcel Energy

Project 49068

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
Forced														
2018		0.88	0.03	0.03	0.07	0.09	0.08	0.14	0.10	0.08	0.06	0.07	0.03	0.08
Scheduled														
2018		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes														
2018		0.18	0.00	0.00	0.01	0.02	0.08	0.02	0.02	0.01	0.01	0.00	0.00	0.01
Major Events														
2018		0.06	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.02

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

System SAIDI		Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced														
2018		104.82	3.90	5.85	8.22	8.92	8.68	18.70	12.77	8.50	7.66	10.16	3.27	8.17
Scheduled														
2018		2.13	0.03	0.48	0.25	0.16	0.11	0.21	0.28	0.13	0.06	0.04	0.30	0.09
Outside Causes														
2018		21.04	0.60	0.00	0.92	0.86	6.30	8.87	1.50	0.26	0.47	0.36	0.40	0.52
Major Events														
2018		10.54	0.00	0.00	0.00	0.00	0.00	8.19	0.00	0.00	0.00	0.00	0.00	2.36

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

345

Add or Delete Rows as Necessary

Xcel Energy

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
1	1	Lipscomb	LPSB2580	1,063	12.199
2	23	Seminole Interch	SEM6E00	1,308	6.122
3	9	Pringle	PRIN1E15	469	5.437
4	6	Dumas 19th Stre	DU191470	2,074	4.246
5	33	Carson County	CARS7030	154	4.195
6	17	Spearman Int	SPEX1512	981	3.716
7	14	Lockney Rural	LOCRLA150	91	3.582
8	20	Coble	COBLLV835	240	3.571
9	154	Bowers	BOWE5090	128	3.461
10	119	Springcreek	SPRI1320	82	3.402
11	321	Van Buren	VANB7044	840	3.333
12	44	Roberts County	ROBE7090	481	3.308
13	22	Plant X	PLAXX310	617	3.206
14	226	Lockney Rural	LOCR3417	927	3.200
15	269	Seminole Interch	SEM6E10	352	3.188
16	65	Riverview	RIVER095	468	3.156
17	56	Wellman	WELLS755	243	3.099
18	216	Bush	BUSH5205	883	3.041
19	140	Lockney Rural	LOCR3421	22	3.000
20	16	Kiser	KISRP965	667	2.930
21	90	Highland Park	HIGH5325	287	2.885
22	51	Adobe Creek	ADOB1115	91	2.626
23	72	Kress Rural	KRERKR120	125	2.624
24	120	Roxana	ROXA2076	388	2.619
25	71	Lynn	LYNN6510	243	2.605
26	28	Moore Co	MOORM065	932	2.585
27	153	Hendrick	HEND6675	1,238	2.565
28	79	Coburn Creek	CNCK1B25	149	2.470
29	108	Kingsmill	KING5115	843	2.414
30	91	Whitaker	WHIT5260	1,716	2.391
31	157	Riverview	RIVER100	257	2.366
32	278	Friona Rural	FRIO2436	1,700	2.311
33	161	Doss	DOSS6670	1,407	2.296
34	336	Dimmitt East	DIMEDI180	436	2.280
35	162	Van Buren	VANB7048	356	2.278
36	272	Boardman	BOARS430	22	2.227
37	73	Highland Park	HIGH5335	1,033	2.197
38	30	Dalhart	DALH1664	76	2.197
39	142	Parmer County	PARM2465	42	2.071
40	227	Bowers	BOWE2053	46	2.065
41	15	Etter Rural	ETTR5405	586	2.065
42	134	Soncy	SONC7024	1,239	2.043
43	298	Hendrick	HEND6685	1,076	1.994

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
44	37	Kingsmill	KING5110	254	1.890
45	8	Flanagan	FLANS550	115	1.887
46	271	Denver City East	DENES100	1,002	1.847
47	274	Etter Rural	ETTR5410	759	1.835
48	191	34th Street	34ST5B85	2,112	1.835
49	66	Kingsmill	KING5105	338	1.825
50	13	Dumas 19th Street	DU191498	65	1.800
51	186	Conway	CONW5010	1,475	1.786
52	25	Doss	DOSS6660	748	1.759
53	76	McLean Rural	MCLE5300	812	1.744
54	113	Boardman	BOARS560	164	1.738
55	188	Vickers	VICK6680	1,637	1.717
56	150	Denver City East	DENES110	896	1.669
57	173	Channing	CHAN1568	57	1.649
58	89	Tokio	TOKIS800	72	1.639
59	253	Canyon East	CANE5190	2,128	1.636
60	202	Riverview	RIVER090	19	1.579
61	102	Kress Rural	KRERKR140	140	1.579
62	34	Tuco	TUCON412	739	1.578
63	48	Wildorado	WILD2014	361	1.573
64	180	Cherry	CHER5C10	1,654	1.539
65	53	Murphy	MURP7535	1,726	1.507
66	308	Diekemper	DEIKDE110	62	1.500
67	182	Doss	DOSSS400	1,084	1.489
68	196	Buffalo	BUFF2215	459	1.468
69	244	Spring Draw	SPRD2C75	969	1.455
70	106	Springlake	SPRISO150	289	1.443
71	263	Plainview West	PLVWP110	1,438	1.414
72	35	Channing	CHAN1564	29	1.414
73	98	Sherman County	SHER1448	20	1.400
74	249	Dimmitt South	DIMSDI120	346	1.396
75	297	East Plant	EPLAA110	932	1.392
76	128	East Plant	EPLAA122	1,238	1.366
77	46	Lawrence Park	LAWR5315	990	1.354
78	172	Dawn	DAWN5A35	466	1.350
79	284	Pierce	PIER5B05	962	1.349
80	247	Dumas 19th Street	DU191367	1,890	1.340
81	21	Lehman	LEHMLV500	189	1.339
82	110	Lehman	LEHMLV510	65	1.338
83	332	Plainview West	PLVWP130	765	1.329
84	266	Lawrence Park	LAWR5025	1,804	1.328
85	82	Pacific	PACILV940	66	1.303
86	109	Coburn Creek	CNCK1B30	51	1.294
87	296	Spearman	SPEA302	577	1.282
88	242	Hastings	HAST7074	1,429	1.281
89	116	Industrial	INDU1416	861	1.261
90	163	Perryton	PERR1535	1,253	1.259
91	228	Vega	VEGA5170	62	1.258

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
92	10	Aiken Rural	AIKRLA110	111	1.252
93	235	Herring	HERR1438	93	1.237
94	179	Monroe	MONR6610	440	1.227
95	184	Southland	SOUTSO110	97	1.216
96	52	Kite	KITE5B80	1,085	1.199
97	138	Plainview East	PLVEP160	327	1.199
98	32	Fain	FAIN1105	98	1.194
99	214	McCullough	MCCU7005	1,292	1.193
100	262	Manhattan	MANH5135	697	1.185
101	2	Sunset	SUNS5D35	63	1.175
102	40	South Floydada	SFLO3547	268	1.164
103	190	Wildorado	WILD2018	218	1.147
104	122	Whiteface	WHITLV220	258	1.140
105	31	Hastings	HAST7086	915	1.131
106	302	South Floydada	SFLO3551	39	1.128
107	47	Allred	ALLRS140	345	1.116
108	4	Texaco	TEXALV980	22	1.091
109	137	Dumas 19th Street	DU191371	1,172	1.081
110	225	Tenneco	TENNS440	205	1.078
111	183	Van Buren	VANB7046	3,194	1.077
112	203	Farmers	FARM5395	1,120	1.074
113	36	Plainview East	PLVEP180	272	1.074
114	335	Slaton	SLATSL140	578	1.054
115	283	Puckett West	PUCW5C30	746	1.044
116	323	Canadian	CANA335	309	1.042
117	96	Channing	CHAN1675	478	1.042
118	45	Muleshoe West	MULWMR130	200	1.040
119	281	Slaton	SLAT6690	849	1.031
120	243	Soncy	SONC7020	417	1.029
121	60	Whiteface	WHITLV210	148	1.027
122	246	34th Street	34ST2B45	2,063	1.025
123	147	Burnett	BURN1398	93	1.022
124	149	Middleton	MIDDLV810	17	1.000
125	232	Pacific	PACILV930	13	1.000
126	312	Zavala	ZAVALV780	12	1.000
127	324	Amherst	AMHEAM620	350	0.997
128	208	Palo Duro	PALO1C35	748	0.952
129	111	Slaton	SLAT6600	1,129	0.883
130	164	Southeast	SOEA5C85	2,714	0.880
131	240	Westridge	WRIDP460	610	0.852
132	125	Canyon West	CANW5160	847	0.835
133	310	Springlake	SPRISO140	194	0.794
134	24	Roberts County	ROBE7065	90	0.778
135	213	Garza	GARZ6520	388	0.768
136	100	Canyon West	CANW7124	2,367	0.752
137	156	Doss	DOSSS495	1,003	0.733
138	331	Weatherly	WEAT1350	1,464	0.732
139	123	Vega	VEGA5195	875	0.707

Service Quality Report to the Public Utility Commission of Texas

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
140	193	Hastings	HAST7078	3,451	0.702
141	38	Dalhart	DALH1246	1,721	0.694
142	41	Mallet	MALLLV120	13	0.692
143	18	Sherman County	SHER1452	39	0.692
144	289	Estacado	ESTA5D65	2,177	0.680
145	195	Littlefield City	LITCLI640	430	0.665
146	104	East Plant	EPLAA118	2,824	0.653
147	70	West Anton	WANT3502	622	0.650
148	81	Plainview North	PLVNP260	787	0.648
149	280	Fritch	FRIT1364	1,814	0.648
150	234	34th Street	34ST5B90	956	0.637
151	152	Sherman County	SHER1456	1,126	0.623
152	158	Hart	HARTHA120	551	0.613
153	198	Dimmitt South	DIMSDI110	365	0.608
154	114	Springcreek	SPRI1316	346	0.607
155	99	Manhattan	MANH7164	1,638	0.593
156	11	Dalhart	DALH1580	378	0.587
157	74	Hale Center	HACTHR145	497	0.573
158	129	Barwise	BARWIB130	62	0.565
159	133	Burnett	BURN1394	49	0.551
160	175	Howard	HOWA2480	630	0.546
161	143	Cherry	CHER5C15	1,641	0.537
162	64	Waterfield	WTRF2368	140	0.536
163	238	Happy	HAPP2326	277	0.531
164	94	Carson County	CARS7034	53	0.528
165	58	Garza	GARZ6500	729	0.521
166	219	South Georgia	SGEO2346	1,128	0.520
167	127	Exell	EXEL1238	253	0.518
168	194	Conway	CONW5005	1,633	0.511
169	59	Buffalo	BUFF5165	213	0.502
170	231	Brisco	BRIS3457	14	0.500
171	218	Estacado	ESTA5D60	2,308	0.491
172	151	Lake Meredith	LAKM2B55	47	0.489
173	165	Plainview South	PLVSP220	561	0.483
174	303	Bennett	BENNS290	118	0.483
175	26	Perryton	PERR1235	1,664	0.483
176	209	Fritch	FRIT1360	882	0.475
177	62	Levelland City	LEVCLV180	2,272	0.473
178	141	Coulter	COUL5290	1,874	0.468
179	54	Tuco	TUCON404	768	0.462
180	107	Brisco	BRIS3434	478	0.458
181	181	Pullman	PULL2A40	197	0.457
182	255	Bennett	BENNS345	1,081	0.456
183	279	Herring	HERR1434	1,184	0.449
184	187	Perryton	PERR1530	663	0.443
185	69	Bowers	BOWE2057	566	0.438
186	NA	Outpost	OUTP2A055	1,144	0.417
187	86	Plainview West	PLVWP120	219	0.406

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
188	132	Lynn	LYNN6340	609	0.397
189	294	Hastings	HAST7082	1,767	0.397
190	254	Littlefield South	LITSLI110	1,561	0.397
191	148	Southeast	SOEA5C80	315	0.397
192	87	West Borger	WBOR1A10	1,200	0.394
193	NA	La Plata	LAPL2D65	2,659	0.394
194	239	Hale Center	HACTHR110	632	0.384
195	210	Lawrence Park	LAWR5030	1,637	0.382
196	222	Moore Co	MOORM055	71	0.380
197	207	Lyons	LYON5C25	1,835	0.380
198	5	Irick	IRICIB110	80	0.375
199	27	Happy	HAPP7040	373	0.373
200	144	Hereford	HERE2D50	746	0.370
201	77	Elwood	ELWOLV140	57	0.368
202	42	Perryton	PERR1230	788	0.368
203	320	South Georgia	SGEO5B30	1,412	0.365
204	189	Pierce	PIER5B00	1,001	0.364
205	276	Muleshoe West	MULWMR140	655	0.359
206	NA	Outpost	OUTP2A060	282	0.351
207	233	Howard	HOWA2485	405	0.348
208	199	South Georgia	SGEO2338	3,356	0.342
209	75	Roxana	ROXA2334	82	0.341
210	61	Texas Farms	TXFA1125	208	0.341
211	285	Kingsmill	KING5095	53	0.340
212	95	Hereford	HERE2D45	1,599	0.324
213	220	Slaton	SLATSL150	460	0.315
214	205	Bush	BUSH5210	1,692	0.311
215	291	West Borger	WBOR1A20	1,275	0.311
216	309	South Georgia	SGEO5B40	1,949	0.310
217	259	Estacado	ESTA5D15	677	0.310
218	282	Kite	KITE5075	1,255	0.308
219	275	Estacado	ESTA5D20	1,888	0.303
220	43	Parmer County	PARM2475	810	0.294
221	88	Lyons	LYON5C20	1,387	0.293
222	178	Soncy	SONC5130	724	0.289
223	NA	La Plata	LAPL2D70	1,544	0.277
224	101	Kress Rural	KRERKR110	340	0.271
225	258	Soncy	SONC7116	65	0.262
226	169	Kiser	KISRP970	2,864	0.261
227	50	Lipscomb	LPSB1E50	450	0.260
228	177	Spring Draw	SPRD2C80	2,107	0.255
229	12	Wade	WADE1B025	32	0.250
230	55	Levelland City	LEVCLV190	2,271	0.250
231	160	Dimmitt East	DIMEDI150	885	0.249
232	159	Bennett	BENNS365	69	0.246
233	293	Levelland East	LEVELV960	1,078	0.246
234	319	Doss	DOSSS410	278	0.245
235	68	34th Street	34ST5B95	1,682	0.241

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
236	251	Whitaker	WHIT5270	2,747	0.236
237	7	Russell	RUSSS385	78	0.231
238	256	Kingsmill	KING1B80	22	0.227
239	19	Irick	IRICIB120	57	0.211
240	97	East Plant	EPLAA126	641	0.209
241	130	Lynn	LYNN6300	824	0.209
242	171	Moss	MOSS6320	1,248	0.208
243	300	Osage	OSAG6040	2,084	0.203
244	115	Muleshoe Valley	MULVMR150	464	0.203
245	261	Osage	OSAG6065	1,810	0.196
246	229	Dalhart	DALH1298	1,718	0.191
247	124	Riley	RILES500	58	0.190
248	49	Arrowhead	ARRO5D85	2,159	0.182
249	290	McCullough	MCCU7002	1,256	0.181
250	112	Lawrence Park	LAWR5275	1,244	0.179
251	155	Lipscomb	LPSB1E40	196	0.179
252	170	Higg East	HGEA6A05	57	0.175
253	264	McCullough	MCCU5085	1,229	0.171
254	260	Sudan Rural	SUDRSR120	470	0.170
255	29	Van Buren	VANB7198	1,598	0.169
256	221	Spring Draw	SPRD2C70	1,293	0.166
257	206	Plainview South	PLVSP210	139	0.165
258	93	Barwise	BARWIB140	115	0.157
259	174	Morton	MORTM130	865	0.154
260	304	Moss	MOSS6540	309	0.152
261	211	Muleshoe Valley	MULVMR155	1,156	0.147
262	273	Garza	GARZPO110	511	0.147
263	344	Puckett West	PUCW5C60	123	0.146
264	248	Sunset	SUNS1A030	521	0.146
265	212	Manhattan	MANH7160	1,229	0.142
266	197	Hart	HARTHA110	111	0.135
267	307	Farmers	FARM5385	257	0.132
268	57	Canadian	CANA340	446	0.132
269	224	Yellowhouse	YELLV900	23	0.130
270	117	South Georgia	SGEO5B35	1,704	0.130
271	67	Kite	KITE7106	633	0.130
272	230	Pierce	PIER5B10	916	0.123
273	63	Exell	EXEL1242	84	0.119
274	103	Curry County Int	CURX3486	387	0.116
275	84	Olton	OLTOSO180	563	0.115
276	252	Lawrence Park	LAWR5050	1,205	0.115
277	343	Plainview North	PLVNP270	141	0.113
278	200	Dumas 19th Stre	DU191175	1,417	0.110
279	85	Olton	OLTOSO170	663	0.109
280	105	Westridge	WRIDP450	1,496	0.108
281	176	Littlefield City	LITCLI610	320	0.106
282	121	Weatherly	WEAT1354	874	0.103
283	288	Levelland East	LEVELV950	514	0.101

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
284	325	Farwell	FARWFA610	307	0.101
285	337	Bush	BUSH5215	1,350	0.100
286	215	Carlisle	CARL6650	926	0.098
287	185	Kingsmill	KING5100	132	0.091
288	257	Lockney Rural	LOCRLA140	70	0.086
289	268	Middleton	MIDDLV820	47	0.085
290	333	Osage	OSAG6060	134	0.082
291	136	Canadian	CANA325	405	0.081
292	346	Coulter	COUL5285	824	0.080
293	340	Garza	GARZPO120	338	0.080
294	327	Canyon East	CANE5185	904	0.080
295	118	Lawrence Park	LAWR5020	1,538	0.079
296	270	Cedar Lake East	CEDES910	26	0.077
297	167	Plainview South	PLVSP230	572	0.077
298	250	Sudan Rural	SUDRSR110	26	0.077
299	277	Spearman	SPEA402	357	0.070
300	80	Canyon West	CANW7128	1,761	0.070
301	39	Allmon	ALLMAT120	692	0.069
302	78	Arrowhead	ARRO5D80	449	0.069
303	204	South Georgia	SGEO2342	1,132	0.069
304	295	Industrial	INDU1412	1,031	0.069
305	286	Sunset	SUNS1A035	61	0.066
306	217	Sunset	SUNS5D40	1,468	0.064
307	345	Hillside	HILS2B10	2,769	0.062
308	315	Puckett West	PUCW5C35	2,286	0.059
309	329	Adair	ADAIS790	17	0.059
310	237	Whitharral	WHITLV710	87	0.057
311	330	Canadian	CANA350	252	0.052
312	146	Moore Co	MOORM060	183	0.049
313	126	Hillside	HILS2B15	1,482	0.049
314	316	Littlefield West	LITWLI156	252	0.048
315	223	Dalhart	DALH116	262	0.042
316	301	Littlefield City	LITCLI630	97	0.041
317	287	Morton	MORTM120	157	0.038
318	135	Lariat	LARIMR110	54	0.037
319	326	Riley	RILES510	88	0.034
320	139	Brownfield	BROW6580	300	0.033
321	292	Farmers	FARM5390	1,592	0.032
322	83	Lake Meredith	LAKM2B65	33	0.030
323	245	Estacado	ESTA5D10	2,406	0.027
324	267	Farwell	FARWFA620	76	0.026
325	339	Estacado	ESTA5D70	731	0.026
326	314	Coulter	COUL5280	853	0.026
327	166	Spearman	SPEA401	363	0.025
328	341	Spearman	SPEA301	445	0.022
329	351	Van Buren	VANB7190	52	0.019
330	342	Jaybee	JAYBS765	53	0.019
331	318	Dalhart	DALH108	322	0.019

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIFI Value
332	92	Van Buren	VANB7194	93	0.011
333	348	Dalhart	DALH114	144	0.007
334	322	Littlefield South	LITSLI120	216	0.005
335	305	Amherst	AMHEAM610	31	0.000
336	145	Bainer	BAINBA601	10	0.000
337	201	County Line	COLICL110	14	0.000
338	347	Dalhart	DALH106	183	0.000
339	306	Damron	DAMR5365	10	0.000
340	349	Dawn	DAWN5A40	34	0.000
341	313	Hillside	HILS2B05	190	0.000
342	338	Levelland City	LEVCLV520	153	0.000
343	192	Littlefield City	LITCLI620	89	0.000
344	265	Prentice	PRENS875	28	0.000
345	334	Whitaker	WHIT5265	73	0.000

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

345

Add or Delete Rows as Necessary

Xcel Energy

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
1	3	Lipscomb	LPSB2580	1,063.00	1,444.11
2	53	Carson County	CARS7030	154.00	1,146.11
3	18	Roxana	ROXA2076	388.00	1,035.26
4	4	Pringle	PRIN1E15	469.00	1,035.23
5	26	Lockney Rural	LOCRLA150	91.00	900.20
6	217	Tenneco	TENNS440	205.00	832.13
7	79	Springcreek	SPRI1320	82.00	671.54
8	74	Seminole Interch	SEM6E00	1,308.00	615.69
9	301	Seminole Interch	SEM6E10	352.00	598.68
10	62	Lynn	LYNN6510	243.00	586.56
11	188	Riverview	RIVER100	257.00	576.84
12	214	Doss	DOSS400	1,084.00	515.02
13	31	Lockney Rural	LOCR3421	22.00	504.85
14	202	Bush	BUSH5205	883.00	455.78
15	93	Lawrence Park	LAWR5315	990.00	455.22
16	23	Flanagan	FLANS550	115.00	418.56
17	78	Bowers	BOWE5090	128.00	409.50
18	58	Hendrick	HEND6675	1,238.00	409.21
19	334	Dimmitt East	DIMEDI180	436.00	402.29
20	38	Riverview	RIVER095	468.00	389.58
21	24	Etter Rural	ETTR5405	586.00	382.76
22	315	Van Buren	VANB7044	840.00	381.84
23	2	Fain	FAIN1105	98.00	381.22
24	64	McLean Rural	MCLE5300	812.00	371.67
25	22	Dalhart	DALH1664	76.00	364.74
26	6	Spearman Int	SPEX1512	981.00	364.69
27	300	Hendrick	HEND6685	1,076.00	360.74
28	28	Coble	COBLLV835	240.00	356.59
29	111	Coburn Creek	CNCK1B25	149.00	353.17
30	171	Cherry	CHER5C10	1,654.00	350.26
31	94	Roberts County	ROBE7090	481.00	346.70
32	98	Doss	DOSS6660	748.00	342.82
33	232	Lockney Rural	LOCR3417	927.00	341.68
34	72	Adobe Creek	ADOB1115	91.00	339.97
35	91	Middleton	MIDDLV810	17.00	333.56
36	66	Kingsmill	KING5110	254.00	328.06
37	142	Channing	CHAN1568	57.00	326.20
38	43	Channing	CHAN1675	478.00	323.93
39	42	Channing	CHAN1564	29.00	314.38
40	17	Kingsmill	KING5115	843.00	300.61
41	119	Boardman	BOARS560	164.00	300.27
42	112	Burnett	BURN1398	93.00	285.77
43	130	Springlake	SPRISO150	289.00	264.42

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
44	16	Kingsmill	KING5105	338.00	260.01
45	151	Sherman County	SHER1448	20.00	260.00
46	172	Van Buren	VANB7048	356.00	259.99
47	34	Dumas 19th Stre	DU191470	2,074.00	258.77
48	252	Spring Draw	SPRD2C75	969.00	257.54
49	184	Doss	DOSS6670	1,407.00	254.63
50	266	Denver City East	DENES100	1,002.00	252.56
51	324	Zavala	ZAVALV780	12.00	252.15
52	21	Wildorado	WILD2014	361.00	251.62
53	149	Wildorado	WILD2018	218.00	247.73
54	223	Southland	SOUTSO110	97.00	247.04
55	19	Sherman County	SHER1452	39.00	246.62
56	220	Herring	HERR1438	93.00	245.06
57	102	Dimmitt South	DIMSDI120	346.00	240.33
58	83	Plant X	PLAXX310	617.00	237.65
59	262	Boardman	BOARS430	22.00	237.36
60	144	Denver City East	DENES110	896.00	237.29
61	129	Vega	VEGA5170	62.00	229.65
62	56	Highland Park	HIGH5335	1,033.00	229.31
63	211	Conway	CONW5010	1,475.00	228.98
64	104	Bowers	BOWE2057	566.00	226.73
65	126	Parmer County	PARM2465	42.00	222.18
66	51	Wellman	WELLS755	243.00	220.46
67	75	Dumas 19th Stre	DU191498	65.00	213.32
68	250	Pierce	PIER5B05	962.00	209.08
69	304	Friona Rural	FRIO2436	1,700.00	204.70
70	77	Kiser	KISRP965	667.00	202.47
71	92	Kress Rural	KRERKR120	125.00	200.86
72	13	Texaco	TEXALV980	22.00	197.70
73	337	Plainview West	PLVWP130	765.00	197.08
74	248	Soncy	SONC7020	417.00	187.57
75	27	Highland Park	HIGH5325	287.00	184.43
76	141	Dumas 19th Stre	DU191371	1,172.00	182.67
77	196	Monroe	MONR6610	440.00	173.80
78	177	Buffalo	BUFF2215	459.00	172.66
79	90	Whiteface	WHITLV220	258.00	169.41
80	191	Dawn	DAWN5A35	466.00	169.13
81	25	Murphy	MURP7535	1,726.00	166.70
82	185	Vickers	VICK6680	1,637.00	165.02
83	307	South Floydada	SFLO3551	39.00	165.02
84	333	Canadian	CANA335	309.00	162.23
85	123	Whiteface	WHITLV210	148.00	160.12
86	11	Lehman	LEHMLV500	189.00	159.77
87	164	East Plant	EPLAA122	1,238.00	159.57
88	218	Palo Duro	PALO1C35	748.00	159.14
89	251	Etter Rural	ETTR5410	759.00	157.44
90	283	Bowers	BOWE2053	46.00	157.39
91	110	Kress Rural	KRERKR140	140.00	157.03

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
92	50	Aiken Rural	AIKRLA110	111.00	156.93
93	116	Sunset	SUNS5D35	63.00	155.13
94	158	Farmers	FARM5395	1,120.00	153.03
95	101	South Floydada	SFLO3547	268.00	151.72
96	294	Westridge	WRIDP460	610.00	151.60
97	121	Riverview	RIVER090	19.00	147.16
98	293	Canyon East	CANE5190	2,128.00	146.54
99	5	Waterfield	WTRF2368	140.00	146.11
100	68	Tokio	TOKIS800	72.00	144.28
101	339	Slaton	SLATSL140	578.00	142.83
102	99	Sherman County	SHER1456	1,126.00	139.88
103	95	Dalhart	DALH1246	1,721.00	139.82
104	186	34th Street	34ST5B85	2,112.00	139.04
105	187	Garza	GARZ6520	388.00	133.73
106	212	East Plant	EPLAA110	932.00	132.23
107	115	Lehman	LEHMLV510	65.00	131.17
108	168	Slaton	SLAT6600	1,129.00	130.80
109	139	Pullman	PULL2A40	197.00	129.47
110	203	Van Buren	VANB7046	3,194.00	126.79
111	41	Pacific	PACILV940	66.00	124.11
112	35	Dalhart	DALH1580	378.00	123.02
113	299	Slaton	SLAT6690	849.00	121.80
114	242	Fritch	FRIT1360	882.00	121.25
115	88	Plainview East	PLVEP180	272.00	112.81
116	195	Manhattan	MANH5135	697.00	112.13
117	274	Pacific	PACILV930	13.00	111.70
118	206	Soncy	SONC7024	1,239.00	110.65
119	9	Tuco	TUCON412	739.00	109.34
120	284	Plainview West	PLVWP110	1,438.00	108.33
121	85	Moore Co	MOORM065	932.00	108.07
122	103	Burnett	BURN1394	49.00	107.82
123	69	Kite	KITE5B80	1,085.00	106.14
124	272	Lawrence Park	LAWR5025	1,804.00	105.19
125	15	Mallet	MALLLV120	13.00	103.60
126	32	Muleshoe West	MULWMR130	200.00	101.44
127	156	Hastings	HAST7078	3,451.00	101.27
128	222	34th Street	34ST5B90	956.00	97.58
129	183	Exell	EXEL1238	253.00	96.32
130	330	Weatherly	WEAT1350	1,464.00	95.60
131	150	Southeast	SOEA5C85	2,714.00	95.38
132	155	Moore Co	MOORM055	71.00	93.17
133	44	Hastings	HAST7086	915.00	93.08
134	302	Fritch	FRIT1364	1,814.00	93.00
135	280	Estacado	ESTA5D65	2,177.00	91.70
136	287	Diekemper	DEIKDE110	62.00	91.50
137	61	Cherry	CHER5C15	1,641.00	91.48
138	148	Doss	DOSSS495	1,003.00	90.57
139	296	Bennett	BENNS290	118.00	90.31

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
140	273	Herring	HERR1434	1,184.00	90.17
141	153	Manhattan	MANH7164	1,638.00	88.82
142	261	34th Street	34ST2B45	2,063.00	87.85
143	288	Puckett West	PUCW5C30	746.00	87.43
144	108	Hale Center	HACTHR145	497.00	87.37
145	140	Canyon West	CANW7124	2,367.00	82.27
146	178	South Georgia	SGEO2346	1,128.00	81.95
147	76	Whitaker	WHIT5260	1,716.00	81.67
148	120	East Plant	EPLAA118	2,824.00	80.22
149	96	Lake Meredith	LAKM2B55	47.00	79.32
150	190	Spearman	SPEA302	577.00	76.58
151	134	Plainview East	PLVEP160	327.00	73.02
152	181	Lawrence Park	LAWR5030	1,637.00	71.93
153	254	Kingsmill	KING5095	53.00	71.68
154	152	Hart	HARTHA120	551.00	71.47
155	240	Hastings	HAST7074	1,429.00	71.17
156	NA	Outpost	OUTP2A060	282.00	69.42
157	173	Barwise	BARWIB130	62.00	68.87
158	114	Roxana	ROXA2334	82.00	68.76
159	39	Allred	ALLRS140	345.00	68.24
160	97	Vega	VEGA5195	875.00	68.17
161	12	Texas Farms	TXFA1125	208.00	67.42
162	37	Perryton	PERR1235	1,664.00	67.20
163	132	Perryton	PERR1535	1,253.00	67.11
164	179	Conway	CONW5005	1,633.00	65.92
165	84	Springcreek	SPRI1316	346.00	64.36
166	278	Littlefield South	LITSLI110	1,561.00	64.23
167	57	Garza	GARZ6500	729.00	64.02
168	30	Roberts County	ROBE7065	90.00	62.81
169	55	Carson County	CARS7034	53.00	61.55
170	309	South Georgia	SGEO5B40	1,949.00	61.32
171	46	Happy	HAPP7040	373.00	60.62
172	314	Springlake	SPRISO140	194.00	60.15
173	154	Canyon West	CANW5160	847.00	58.64
174	33	Riley	RILES500	58.00	55.93
175	81	Southeast	SOEA5C80	315.00	55.62
176	117	Lynn	LYNN6340	609.00	54.93
177	236	Estacado	ESTA5D60	2,308.00	54.44
178	176	Pierce	PIER5B00	1,001.00	49.43
179	225	Brisco	BRIS3457	14.00	48.71
180	325	Doss	DOSSS410	278.00	48.46
181	NA	La Plata	LAPL2D65	2,659.00	48.42
182	8	Irick	IRICIB110	80.00	47.68
183	136	Dimmitt South	DIMSD1110	365.00	47.49
184	216	Howard	HOWA2480	630.00	47.24
185	193	South Georgia	SGEO2338	3,356.00	46.83
186	265	Dumas 19th Street	DU191367	1,890.00	46.56
187	109	Plainview North	PLVNP260	787.00	45.66

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
188	NA	Outpost	OUTP2A055	1,144.00	45.61
189	192	Coulter	COUL5290	1,874.00	44.68
190	316	South Georgia	SGEO5B30	1,412.00	44.60
191	48	West Anton	WANT3502	622.00	44.10
192	207	McCullough	MCCU7005	1,292.00	43.82
193	36	Coburn Creek	CNCK1B30	51.00	43.70
194	147	Bennett	BENNS365	69.00	41.10
195	157	Bush	BUSH5210	1,692.00	41.08
196	295	Hastings	HAST7082	1,767.00	39.93
197	87	Brisco	BRIS3434	478.00	39.91
198	10	Tuco	TUCON404	768.00	39.89
199	52	Levelland City	LEVCLV180	2,272.00	38.64
200	67	Parmer County	PARM2475	810.00	38.35
201	263	Hale Center	HACTHR110	632.00	38.11
202	243	Plainview South	PLVSP220	561.00	38.05
203	45	Perryton	PERR1530	663.00	37.35
204	63	Buffalo	BUFF5165	213.00	36.34
205	145	34th Street	34ST5B95	1,682.00	36.04
206	14	Wade	WADE1B025	32.00	35.84
207	182	Hereford	HERE2D50	746.00	34.32
208	198	Littlefield City	LITCLI640	430.00	34.24
209	289	Estacado	ESTA5D20	1,888.00	34.11
210	89	Lynn	LYNN6300	824.00	33.49
211	49	Lipscomb	LPSB1E50	450.00	33.39
212	70	East Plant	EPLAA126	641.00	33.39
213	310	West Borger	WBOR1A20	1,275.00	32.92
214	80	Industrial	INDU1416	861.00	32.25
215	60	Perryton	PERR1230	788.00	32.06
216	228	Whitaker	WHIT5270	2,747.00	31.84
217	224	Slaton	SLATSL150	460.00	31.23
218	200	Soncy	SONC5130	724.00	31.08
219	221	Muleshoe West	MULWMR140	655.00	30.36
220	128	Plainview West	PLVWP120	219.00	30.27
221	312	Osage	OSAG6040	2,084.00	30.14
222	40	Arrowhead	ARRO5D85	2,159.00	29.94
223	133	Dimmitt East	DIMEDI150	885.00	29.89
224	281	Garza	GARZPO110	511.00	27.66
225	189	Higg East	HGEA6A05	57.00	27.49
226	292	Happy	HAPP2326	277.00	27.20
227	20	Russell	RUSSF385	78.00	27.19
228	118	Kress Rural	KRERKR110	340.00	26.59
229	219	Bennett	BENNS345	1,081.00	26.39
230	233	Lyons	LYON5C25	1,835.00	26.31
231	138	Exell	EXEL1242	84.00	25.99
232	NA	La Plata	LAPL2D70	1,544.00	25.36
233	259	Estacado	ESTA5D15	677.00	25.32
234	258	South Georgia	SGEO5B35	1,704.00	24.97
235	205	Hereford	HERE2D45	1,599.00	22.27

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
236	264	Sudan Rural	SUDRSR120	470.00	22.14
237	163	Lyons	LYON5C20	1,387.00	22.05
238	143	Lipscomb	LPSB1E40	196.00	21.85
239	204	Kiser	KISRP970	2,864.00	21.62
240	308	Amherst	AMHEAM620	350.00	21.61
241	270	Spring Draw	SPRD2C70	1,293.00	21.54
242	100	Elwood	ELWOLV140	57.00	21.49
243	199	Moss	MOSS6320	1,248.00	21.22
244	127	Barwise	BARWIB140	115.00	21.19
245	249	Howard	HOWA2485	405.00	20.66
246	194	Manhattan	MANH7160	1,229.00	19.48
247	174	Dumas 19th Street	DU191175	1,417.00	19.29
248	238	Sunset	SUNS1A030	521.00	19.27
249	329	Farmers	FARM5385	257.00	19.00
250	169	Olton	OLTOSO180	563.00	18.64
251	86	Levelland City	LEVCLV190	2,271.00	18.46
252	170	Muleshoe Valley	MULVMR155	1,156.00	18.37
253	137	Lawrence Park	LAWR5275	1,244.00	17.94
254	253	McCullough	MCCU5085	1,229.00	17.76
255	160	Spring Draw	SPRD2C80	2,107.00	17.37
256	226	Pierce	PIER5B10	916.00	17.26
257	303	Kingsmill	KING1B80	22.00	16.64
258	275	Puckett West	PUCW5C35	2,286.00	16.56
259	165	Dalhart	DALH1298	1,718.00	16.20
260	285	Spearman	SPEA402	357.00	15.27
261	215	Lawrence Park	LAWR5020	1,538.00	15.22
262	29	Irick	IRICIB120	57.00	14.77
263	54	Yellowhouse	YELLLV900	23.00	14.74
264	201	Hart	HARTHA110	111.00	14.58
265	124	Littlefield City	LITCLI610	320.00	14.38
266	298	McCullough	MCCU7002	1,256.00	14.16
267	82	Olton	OLTOSO170	663.00	14.06
268	245	Carlisle	CARL6650	926.00	13.97
269	213	Sunset	SUNS1A035	61.00	13.48
270	322	Bush	BUSH5215	1,350.00	13.43
271	131	Kite	KITE7106	633.00	13.35
272	306	Levelland East	LEVELV960	1,078.00	13.28
273	286	Kite	KITE5075	1,255.00	13.20
274	237	West Borger	WBOR1A10	1,200.00	13.05
275	344	Plainview North	PLVNP270	141.00	12.72
276	208	Lockney Rural	LOCRLA140	70.00	12.19
277	343	Puckett West	PUCW5C60	123.00	11.83
278	257	Whitharral	WHITLV710	87.00	11.79
279	59	Van Buren	VANB7198	1,598.00	11.75
280	311	Moss	MOSS6540	309.00	11.60
281	229	Lawrence Park	LAWR5050	1,205.00	11.33
282	159	Westridge	WRIDP450	1,496.00	11.19
283	146	Morton	MORTM130	865.00	11.08

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
284	326	Canyon East	CANE5185	904.00	11.00
285	230	Middleton	MIDDLV820	47.00	10.79
286	244	Soncy	SONC7116	65.00	10.69
287	291	Industrial	INDU1412	1,031.00	10.68
288	65	Muleshoe Valley	MULVMR150	464.00	10.49
289	277	Cedar Lake East	CEDES910	26.00	9.23
290	247	Plainview South	PLVSP210	139.00	9.13
291	209	Weatherly	WEAT1354	874.00	8.82
292	167	Canadian	CANA340	446.00	8.72
293	332	Osage	OSAG6060	134.00	8.63
294	73	Curry County Int	CURX3486	387.00	8.56
295	175	Hillside	HILS2B15	1,482.00	8.06
296	231	Osage	OSAG6065	1,810.00	8.04
297	340	Garza	GARZPO120	338.00	7.72
298	305	Farwell	FARWFA610	307.00	7.30
299	107	Kingsmill	KING5100	132.00	7.19
300	246	Sunset	SUNS5D40	1,468.00	7.06
301	276	Levelland East	LEVELV950	514.00	6.80
302	234	South Georgia	SGEO2342	1,132.00	6.67
303	260	Farmers	FARM5390	1,592.00	6.57
304	227	Sudan Rural	SUDRSR110	26.00	6.54
305	113	Canadian	CANA325	405.00	6.53
306	166	Lariat	LARIMR110	54.00	6.30
307	47	Arrowhead	ARRO5D80	449.00	6.23
308	161	Allmon	ALLMAT120	692.00	6.10
309	290	Canadian	CANA350	252.00	6.02
310	7	Lake Meredith	LAKM2B65	33.00	5.82
311	125	Canyon West	CANW7128	1,761.00	5.77
312	345	Hillside	HILS2B10	2,769.00	5.66
313	122	Moore Co	MOORM060	183.00	5.50
314	282	Morton	MORTM120	157.00	5.40
315	106	Spearman	SPEA401	363.00	4.96
316	162	Plainview South	PLVSP230	572.00	4.92
317	256	Dalhart	DALH116	262.00	4.60
318	341	Spearman	SPEA301	445.00	4.57
319	346	Coulter	COUL5285	824.00	4.43
320	135	Brownfield	BROW6580	300.00	4.25
321	297	Dalhart	DALH108	322.00	3.98
322	338	Adair	ADAIS790	17.00	3.71
323	241	Estacado	ESTA5D10	2,406.00	3.63
324	267	Coulter	COUL5280	853.00	3.14
325	331	Riley	RILES510	88.00	3.11
326	351	Van Buren	VANB7190	52.00	2.81
327	319	Littlefield West	LITWLI156	252.00	2.71
328	320	Littlefield City	LITCLI630	97.00	2.53
329	335	Estacado	ESTA5D70	731.00	2.31
330	342	Jaybee	JAYBS765	53.00	1.81
331	348	Dalhart	DALH114	144.00	1.10

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2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
332	269	Farwell	FARWFA620	76.00	0.88
333	105	Van Buren	VANB7194	93.00	0.74
334	328	Littlefield South	LITSLI120	216.00	0.23
335	239	Amherst	AMHEAM610	31.00	0.00
336	71	Bainer	BAINBA601	10.00	0.00
337	235	County Line	COLICL110	14.00	0.00
338	347	Dalhart	DALH106	183.00	0.00
339	313	Damron	DAMR5365	10.00	0.00
340	349	Dawn	DAWN5A40	34.00	0.00
341	323	Hillside	HILS2B05	190.00	0.00
342	336	Levelland City	LEVCLV520	153.00	0.00
343	197	Littlefield City	LITCLI620	89.00	0.00
344	271	Prentice	PRENS875	28.00	0.00
345	318	Whitaker	WHIT5265	73.00	0.00

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INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2018 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	15.14%
Vegetation	1.26%
Animals and Birds	5.86%
People (Including cars and farm equip)	13.33%
Utility-owned Equipment	49.26%
Other	3.15%
Unknown	12.00%