Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018SAIFI Value
45	66	KILGORE	967870	493	3.33874
46	117	LONGVIEW	966770	1,050	3.33714
47	147	MINEOLA	9610990	924	3.27165
48	222	POYNTER	967590	989	3.20526
49	197	39TH STREET	962640	521	3.19770
50	75	CARTHAGE	965760	924	3.19589
51	229	SHAMROCK	96NT144	642	3.19470
52	30	LIEBERMAN	961X30	10	3.10000
53	89	LONE STAR POWER PLANT	966120	13	3.07692
54	71	MT PLEASANT	965370	1,209	3.07196
55	122	COOKVILLE	961E70	197	3.07107
56	2	LONDON	965950	312	3.07051
57	118	GILMER	962450	881	3.06016
58	62	HARRISON ROAD	9611880	2,060	3.03398
59	99	CLARKSVILLE	969190	1,096	2.99726
60	191	LOUISIANA PACIFIC	968030	420	2.99286
61	92	RICHMOND ROAD	966980	1,403	2.97577
62	265	RED RIVER DEPOT	9612460	13	2.92308
63	131	CARTHAGE	963350	521	2.83685
64	48	NAPLES SUB	968730	916	2.83406
65	155	DAINGERFIELD	961950	163	2.82209
66	1	MT VERNON	9612760	883	2.80861
67	109	NAPLES SUB	963290	466	2.74464
68	60	TURNERTOWN	961B00	23	2.73913
69	220	EVENSIDE	961G00	908	2.72247
70	6	CENTER	968140	1,060	2.70849
71	185	CLARENDON	96NT4040	695	2.65755
72	146	ATLANTA	964460	1,170	2.64017
73	46	PLILER ROAD	9612470	2,920	2.63699
74	86	HOOKS	9610960	1,340	2.61716
75	41	LAKE LAMOND	964400	718	2.59331
76	174	RICHMOND ROAD	965290	1,332	2.57132
77	72	LIBERTY CITY	967990	1,006	2.56362
78	252	LAKE LAMOND	966850	555	2.56036
79	129	KILGORE	967850	112	2.55357
80	221	MT PLEASANT	961930	1,134	2.53704
81	84	AIRLINE	961F00	1,167	2.53470
82	35	TAYLOR STREET	969510	1,077	2.50696
83	247	WASKOM	967900	647	2.49459
84	120	IPC JEFFERSON	968020	894	2.48881
85	107	NEW BOSTON	969620	374	2.42781
86	266	PETTY	9611470	781	2.37516
87	192	MONROE CORNERS	966510	60	2.33333
88	206	RICHMOND ROAD	968050	1,295	2.31892
89	223	KNOX LEE	961U90	172	2.31395
90	232	EVENSIDE	961G10	1,058	2.29962
91	58	MT VERNON	969140	393	2.29771
92	96	HARRISON ROAD	9611870	2,395	2.26388
93	233	NORTH MARSHALL	967600	685	2.25109

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018SAIFI Value
94	145	WHITNEY	961490	1,442	2.22469
95	26	CLARKSVILLE	969200	687	2 21980
96	61	CARTHAGE	963360	384	2.20313
97	246	DAINGERFIELD	961960	1,138	2.20035
98	203	DEKALB	963200	394	2.18782
99	37	NEW HOPE	968000	1,412	2.18697
100	151	LONGVIEW	965510	566	2.12544
101	54	TURNERTOWN	961B20	414	2.11836
102	34	SPRINGHILL	968200	689	2.08418
103	3	GRAND SALINE	967120	1,998	2.06957
104	272	12TH STREET	966180	50	2.06000
105	193	TEXARKANA OPERATIONS	961S80	974	2.01643
106	64	RODESSA	9617310	266	2.01504
107	270	JEFFERSON 69KV	969350	143	2.00699
108	102	BECKVILLE	961U50	352	1.99148
109	194	HARRISON ROAD	968040	2,096	1.98473
110	184	CARTHAGE	963370	507	1.97830
111	81	SOUTHEAST MARSHALL	9610180	1,391	1.97196
112	187	NAPLES SUB	968720	198	1.92929
113	63	HOOKS	9610950	503	1.91849
114	164	CLARKSVILLE	963670	129	1.91473
115	179	SABINE	965130	1,489	1.87777
116	199	LAKE LAMOND	969440	345	1.83768
117	76	SOUTHEAST LONGVIEW	964190	261	1.81992
118	40	LOGANSPORT	965770	287	1.80488
119	140	HAWKINS	962530	98	1.78571
120	15	SABINE	965110	457	1.76368
121	59	HEDLEY	96NT5870	138	1.76087
122	113	LINDEN	9610020	338	1.74556
123	45	MT PLEASANT	965190	651	1.74194
124	91	NORTH MARSHALL	969800	1,050	1.73810
125	207	NORTH MARSHALL	968670	855	1.73567
126	125	LONGVIEW HEIGHTS	968440	232	1.67241
127	79	NEW GLADEWATER	9611970	1,697	1.65056
128	168	NEW GLADEWATER	9611980	1,066	1.64353
129	43	HALLSVILLE	9616250	794	1.63350
130	238	CLARENDON	96NT5005	830	1.62169
131	154	MARSHALL 69KV	96580	844	1.59360
132	27	WEST MT PLEASANT	961L00	174	1.56322
133	98	GILMER	962490	1,553	1.55892
134	112	LONGVIEW HEIGHTS	968430	499	1.52505
135	186	KILGORE	967190	765	1.51895
136	101	RICHMOND ROAD	964020	908	1.50771
137	69	TAYLOR STREET	966760	1,124	1.50712
138	240	GREGGTON	962A90	570	1.49474
139	93	WINNSBORO	962050	1,145	1.49345
140	47	GATES STREET	961X70	317	1.49211
141	127	BALDWIN	962200	19	1.47368
142	216	RICHMOND ROAD	961L40	397	1.47355

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018SAIFI Value
143	38	COOKVILLE	961E60	118	1.46610
144	50	CLARKSVILLE	963660	154	1.42857
145	144	SOUTHEAST MARSHALL	9610920	781	1.41229
146	139	GILMER	962480	595	1.40840
147	111	TENAHA	962500	407	1.40295
148	152	GATES STREET	961X40	388	1.40206
149	56	PITTSBURG	965460	1,380	1.38986
150	130	LONGVIEW HEIGHTS	969000	864	1.38426
151	133	SOUTHEAST MARSHALL	967580	917	1.38386
152	142	MEMPHIS	96NT3025	308	1.37013
153	132	WHITNEY	961480	1,613	1.35896
154	53	WHITNEY	964420	494	1.34818
155	239	AIRLINE	961E90	1,292	1.33127
156	224	MINEOLA	967130	969	1.33024
157	150	MEMPHIS	96NT3335	1,113	1.32525
158	210	AIRLINE	961S30	117	1.31624
159	128	TATUM	9610840	726	1.29477
160	200	39TH STREET	962630	1,331	1.28926
161	85	VIVIAN	968980	45	1.28889
162	225	39TH STREET	961V60	597	1.27973
163	242	CARTHAGE	9610240	1,039	1.24735
164	52	CLARKSVILLE	969180	468	1.24359
165	77	TEXARKANA OPERATIONS	967830	863	1.23986
166	274	PLEASANT HILL	9611894	22	1.22727
167	19	WEST MT PLEASANT	961G70	112	1.22321
168	250	SHAMROCK	96NT148	760	1.21184
169	189	ROSEBOROUGH	9610090	21	1.19048
170	261	LAKE LAMOND	969430	587	1.18399
171	157	NEW BOSTON	965140	1,433	1.17027
172	162	PLILER ROAD	9610370	3,339	1.16981
173	245	HUGHES SPRINGS	965650	553	1.16637
174	249	LONGVIEW HEIGHTS	961B40	1,641	1.16332
175	159	ATLANTA	968070	258	1.16279
176	255	TEXARKANA PLANT	967980	159	1.15094
177	243	WINFIELD	962B70	569	1.13884
178	228	LONGVIEW HEIGHTS	969240	990	1.12929
179	258	LONGVIEW	965530	141	1.12057
180	29	POYNTER	967800	180	1.11667
181	171	HOWELL	962B60	152	1.07895
182	136	NEW HOPE	962120	491	1.06721
183	153	CITY LAKE	9619090	306	1.04902
184	269	LONGVIEW	965550	112	1.04464
185	158	ATLANTA	962140	1,724	1.03654
186	141	MARSHALL 69KV	964630	1,071	1.03455
187	165	LAKE LAMOND	969770	285	1.02105
188	234	KINGS HWY	969540	1,810	1.00994
189	156	LEVERETTS CHAPEL	9610850	354	1 00282
190	256	12TH STREET	962230	90	0.98889
191	275	LONGVIEW	965540	122	0.97541

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018SAIFI Value
192	264	MT PLEASANT	961920	145	0.97241
193	39	HOWELL	9613660	227	0.94273
194	70	KILGORE	963090	384	0.93750
195	254	WHITNEY	964080	820	0.92439
196	230	NASH	9614640	199	0.90955
197	4	MARSHALL 69KV	962000	238	0.90756
198	67	HOWELL	962B90	1,274	0.90581
199	18	NORTH LANEVILLE	9610660	472	0.88559
200	28	VIVIAN	968990	110	0.88182
201	212	LAKE LAMOND	968570	769	0.87906
202	11	HOWELL	962B80	427	0.87354
203	87	TEXARKANA PLANT	967960	1,351	0.85492
204	251	NASH	9615130	1,316	0.83815
205	22	MONROE CORNERS	966520	223	0.82063
206	32	TEXARKANA OPERATIONS	9611630	645	0.81395
207	169	KINGS HWY	969030	935	0.74545
208	180	GREGGTON	961F50	356	0.73876
209	73	SPRINGHILL	966870	969	0.73168
210	51	SPRINGHILL	968190	853	0.72685
211	262	LAKE LAMOND	966860	18	0.72222
212	190	POYNTER	963270	867	0.70358
213	57	PITTSBURG	968680	283	0.69965
214	65	GREGGTON	961V20	1,565	0.67923
215	177	NEW BOSTON	969610	804	0.67537
216	231	BECKVILLE	969120	310	0.67419
217	138	HALLSVILLE	9615920	873	0 63001
218	97	WINNSBORO	961P00	802	0.61970
219	263	CENTER	962190	1,003	0.61615
220	175	DEKALB	962430	882	0.59410
221	123	ALBA	9612400	611	0.59083
222	198	NEW BOSTON	961620	963	0.58048
223	188	GREGGTON	961F60	97	0.57732
224	88	NORTH MINEOLA	965380	347	0.55908
225	44	AIRLINE	961F10	818	0.55868
226	181	LINDEN	962540	931	0.55854
227	33	PITTSBURG	965450	1,180	0.55847
228	219	WELLINGTON	96NT3700	744	0.54839
229	121	HAWKINS	962520	395	0.54430
230	80	NASH	9615120	859	0.51572
231	218	LAKE LAMOND	961380	1,926	0.51454
232	241	HAWKINS	966310	141	0.51064
233	248	MINEOLA	963680	829	0.50543
234	273	WHITNEY	961A00	43	0.48837
235	21	TEXARKANA PLANT	966570	78	0.48718
236	20	CENTER	969520	1,088	0.48621
237	105	39TH STREET	961V70	51	0.47059
238	178	MARSHALL 69KV	96590	736	0.47011
239	143	KINGS HWY	969040	933	0.43623
240	163	EVENSIDE	961F90	1,743	0.42226

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2018 SAIFI Ranking	2017 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018SAIFI Value
241	104	CITY LAKE	9619220	548	0.41606
242	25	WEST MT PLEASANT	961G90	244	0.40984
243	227	AIRLINE	961N30	1,856	0.39009
244	208	PLILER ROAD	9610380	1,809	0.38640
245	74	TEXARKANA OPERATIONS	961S90	198	0.37879
246	202	IPC 69KV	961R60	40	0.37500
247	83	KILGORE	963150	606	0.36304
248	213	LAKE LAMOND	964070	1,897	0.34897
249	201	DAINGERFIELD	961970	665	0.34586
250	108	SCOTTSVILLE	961J10	849	0.34511
251	195	HAWKINS	969410	196	0.32143
252	149	MINEOLA	969360	477	0.31237
253	116	POYNTER	967680	850	0.30706
254	217	WHITNEY	964090	1,046	0.26004
255	135	ESTELLINE	96NT3535	123	0.25203
256	183	DEKALB	962440	530	0.24528
257	126	WELLINGTON	96NT1765	567	0.23457
258	214	WINNSBORO	962040	515	0.20971
259	204	HUGHES SPRINGS	961Z00	765	0.20654
260	259	POYNTER	969550	298	0.20470
261	119	HEDLEY	96NT5845	242	0.20248
262	244	HALLSVILLE	9616240	1,043	0.20038
263	176	SOUTHEAST MARSHALL	9610170	1,082	0.19409
264	78	WELLINGTON	96NT1770	282	0.17021
265	172	SOUTHEAST MARSHALL	9610160	1,835	0.15858
266	148	CITY LAKE	9619120	436	0.15596
267	N/A	MORTON SALT	9615160	258	0.15504
268	236	39TH STREET	962610	137	0.15328
269	237	TEXARKANA PLANT	967970	203	0.14778
270	161	GATES STREET	961X60	322	0.12112
271	268	LONE STAR SHELL ORDNANCE	9616030	27	0.11111
272	271	CITY LAKE	9619210	96	0.09375
273	55	SOUTHEAST LONGVIEW	961780	589	0.07301
274	226	CAREY	96NT6115	114	0.01754
275	82	CENTER	962180	42	0.00000
276	257	NASH	9614710	14	0.00000

Feeders from last year that are not in this year's list

2017 Ranking	Substation Identification	Feeder ID	Reason not in 2018
Not applicable			

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Distribution Feeder Indices for Forced Interruptions
List all Distribution Feeders on Texas System
With 10 or more Customers
Add or Delete Rows as Necessary

Total Number of Feeders: **276**

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2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
1	14	FRIARS SWITCH	961900	194	1,403.58247
2	12	SUPERIOR	963750	45	1,365.95556
3	3	FRIARS SWITCH	965780	146	1,336.89726
4	196	GRAND SALINE	967110	27	1,179.00000
5	272	12TH STREET	966180	50	1,153.74000
6	79	WASKOM	967890	566	1,126.83922
7	19	FRIARS SWITCH	965790	403	1,116.55583
8	1	LOGANSPORT	965770	287	1,106.97213
9	219	NORTH MARSHALL	967600	685	1,100.11971
10	87	LONE STAR POWER PLANT	966120	13	1,020.53846
11	7	LIEBERMAN	961X30	10	987.50000
12	131	LEVERETTS CHAPEL	965700	148	914.67568
13	9	LONDON	965930	469	846.82516
14	176	DAINGERFIELD	961950	163	834.79141
15	217	SUGAR HILL	962370	356	824.46910
16	73	WASKOM	968180	645	817.30853
17	157	CLARKSVILLE	969210	799	777.33792
18	20	FRIARS SWITCH	965920	233	762.27039
19	152	SHAMROCK	96NT1835	248	747.30645
20	16	WEST MT PLEASANT	961L00	174	740.82184
21	130	TENAHA	962510	340	713.18529
22	213	JEFFERSON 69KV	969340	952	690.96954
23	58	BLOOMBURG	967350	330	688.43636
24	148	WESTWOOD	963710	43	682.55814
25	92	LAKE LAMOND	969440	345	656.51304
26	268	PETTY	968370	183	656.09290
27	154	PETTY	9611460	519	653.55106
28	43	HAWKINS	962530	98	640.00000
29	78	SOUTHEAST LONGVIEW	964190	261	635.02682
30	227	LOUISIANA PACIFIC	962260	710	634.01549
31	91	ATLANTA	961U80	686	618.64431
32	6	LEVERETTS CHAPEL	965200	419	617.69212
33	36	CENTER	968140	1,060	606.14623
34	185	DEKALB	963200	394	602.72589
35	106	MT VERNON	969130	462	601.42424
36	225	MINEOLA	9610990	924	595.09307
37	229	WASKOM	967900	647	584 98918
38	110	BALDWIN	962200	19	582.68421
39	65	COOKVILLE	961E70	197	578.05584
40	89	LONGVIEW	965520	1,163	568.52966
41	10	TURNERTOWN	961B10	51	541.25490
42	270	JEFFERSON 69KV	969350	143	539.09091
43	94	BECKVILLE	961U50	352	532.21307
44	224	39TH STREET	962640	521	528.45489

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45	103	TAYLOR STREET	96220	1,359	523.06770
46	165	NAPLES SUB	968720	198	520.59596
47	175	WINFIELD	964100	106	517.93396
48	22	CLARKSVILLE	969200	687	509.47598
49	233	BIG SANDY	967300	698	500.74642
50	18	LONDON	965940	319	497.69906
51	97	NAPLES SUB	963290	466	493.33691
52	240	RED RIVER DEPOT	9612440	70	492.52857
53	187	CLARKSVILLE	963670	129	471.83721
54	264	MT PLEASANT	965360	687	467.59534
55	134	NORTH MARSHALL	968660	630	446.35714
56	51	TAYLOR STREET	965080	484	439.41736
57	75	TAYLOR STREET	964290	910	435.53956
58	42	CLARKSVILLE	963660	154	420.93506
59	35	BIG SANDY	967310	648	409.84105
60	266	PETTY	9611470	781	407.15365
61	55	NAPLES SUB	968730	916	400.30568
62	140	CLARKSVILLE	969190	1,096	396.93339
63	13	TURNERTOWN	961B00	23	394.39130
64	182	RICHMOND ROAD	965290	1,332	384.49024
65	54	HOOKS	9610950	503	382.72167
66	5	LONDON	965950	312	381.48077
67	194	GREGGTON	962A90	570	370.07018
68	56	TAYLOR STREET	967920	385	368.10909
69	174	NEW GLADEWATER	9611980	1,066	363.90994
70	156	MT PLEASANT	965370	1,209	361.55831
71	202	KNOX LEE	961U90	172	354.49419
72	149	RICHMOND ROAD	964020	908	354.28744
73	180	EVENSIDE	961G00	908	353.88877
74	62	HOOKS	9610960	1,340	352.77463
75	47	SCOTTSVILLE	961J30	468	342.54487
76	77	AIRLINE	961F00	1,167	340.90146
77	69	SOUTHEAST MARSHALL	9610920	781	339.14085
78	68	ATLANTA	962150	624	338.10737
79	4	MT VERNON	9612760	883	331.56512
80	241	MT PLEASANT	961930	1,134	330.90653
81	80	TAYLOR STREET	969510	1,077	328.91736
82	84	SABINE	965130	1,489	327.83613
83	34	SPRINGHILL	968200	689	327.38026
84	39	KILGORE	967880	1,518	322.70487
85	109	CLARENDON	96NT4040	695	316.88921
86	237	AIRLINE	961E90	1,292	312.72910
87	210	POYNTER	967590	989	312.42669
88	254	CLARENDON	96NT5005	830	307.69157
89	111	CARTHAGE	963350	521	306.29750
90	150	LOUISIANA PACIFIC	968030	420	305.14762
91	143	KILGORE	967860	382	296.48953
92	116	GILMER	962450	881	295.63451
93	23	HOWELL	962B80	427	294.45199

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2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
94	64	LINDEN	9610020	338	285.42604
95	206	LONGVIEW	965510	566	279.41519
96	164	CARTHAGE	965760	924	277.79870
97	26	GRAND SALINE	967120	1,998	269.90641
98	76	PLILER ROAD	9612470	2,920	269.44452
99	17	LIBERTY CITY	967990	1,006	265.87177
100	85	CARTHAGE	963360	384	259.74740
101	101	LAKE LAMOND	964400	718	256.66574
102	96	NEW BOSTON	969620	374	255.38503
103	223	NORTH MARSHALL	968670	855	255.07953
104	198	HALLSVILLE	9616250	794	254.66499
105	265	RED RIVER DEPOT	9612460	13	253.84615
106	191	GILMER	962480	595	250.00504
107	274	PLEASANT HILL	9611894	22	243.00000
108	57	HARRISON ROAD	9611880	2,060	238.15000
109	40	MT PLEASANT	965190	651	237.62519
110	189	ATLANTA	964460	1,170	236.93675
111	124	NORTH MARSHALL	969800	1,050	233.18286
112	119	CLARKSVILLE	969180	468	233.05983
113	178	RICHMOND ROAD	968050	1,295	228.51737
114	228	KINGS HWY	969540	1,810	224.23094
115	11	SABINE	965120	102	220.72549
116	186	WHITNEY	961490	1,442	217.32455
117	171	KILGORE	964650	501	216.00998
118	108	LONGVIEW HEIGHTS	968430	499	215.67535
119	44	GREGGTON	961F70	1,693	215.33432
120	60	MARSHALL 69KV	962000	238	210.81092
121	52	KILGORE	963090	384	209.50521
122	158	LONGVIEW	966770	1,050	205.73048
123	138	ALBA	9612400	611	205 37152
124	121	TENAHA	962500	407	202.27764
125	204	MEMPHIS	96NT3335	1,113	199.12668
126	220	SHAMROCK	96NT144	642	198.59502
127	117	IPC JEFFERSON	968020	894	198.50112
128	53	TEXARKANA OPERATIONS	967240	925	197.48108
129	100	MARSHALL 69KV	96580	844	195.94431
130	155	CARTHAGE	963370	507	195.88955
131	72	COOKVILLE	961E60	118	195.19492
132	192	ATLANTA	968070	258	193.03488
133	114	TAYLOR STREET	966760	1,124	191.34431
134	82	HOWELL	9613660	227	188.74009
135	207	SOUTHEAST MARSHALL	967580	917	186.83097
136	169	WINNSBORO	962050	1,145	186.21397
137	48	LONGVIEW HEIGHTS	968440	232	185.68103
138	59	RICHMOND ROAD	966980	1,403	185.30649
139	188	LONGVIEW HEIGHTS	969000	864	184.62153
140	257	NASH	9614640	199	183.38693
141	93	MT VERNON	969140	393	182.70483
142	179	HARRISON ROAD	9611870	2,395	181.04676

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
143	221	EVENSIDE	961G10	1,058	180.19943
144	8	NEW HOPE	968000	1,412	179.59915
145	83	MONROE CORNERS	966510	60	178.95000
146	37	NORTH LANEVILLE	9610660	472	177.46610
147	67	GATES STREET	961X70	317	177.40063
148	247	DAINGERFIELD	961960	1,138	173.23550
149	71	NEW BOSTON	965140	1,433	171.74459
150	177	TEXARKANA OPERATIONS	961S80	974	170.66735
151	161	KILGORE	967870	493	167.09533
152	232	39TH STREET	961V60	597	166.21608
153	252	LAKE LAMOND	966850	555	165.01622
154	115	NEW GLADEWATER	9611970	1,697	161.62994
155	25	MONROE CORNERS	966520	223	159.41704
156	170	HARRISON ROAD	968040	2,096	159 28340
157	275	LONGVIEW	965540	122	159.18852
158	253	LONGVIEW	965530	141	155.20567
159	29	SOUTHEAST MARSHALL	9610180	1,391	153.83609
160	123	VIVIAN	968980	45	148.31111
161	199	MEMPHIS	96NT3025	308	148.27597
162	129	RICHMOND ROAD	961L40	397	147.30227
163	70	TEXARKANA OPERATIONS	9611630	645	147.11008
164	41	HOWELL	962B90	1,274	144 85950
165	269	LONGVIEW	965550	112	141.90179
166	214	HALLSVILLE	9615920	873	140.55899
167	255	CENTER	962190	1,003	140.12363
168	33	RODESSA	9617310	266	139.63910
169	246	LONGVIEW HEIGHTS	961B40	1,641	137.17367
170	222	CARTHAGE	9610240	1,039	134.96535
171	113	KILGORE	967190	765	134.79346
172	38	SABINE	965110	457	133.26915
173	122	POYNTER	967800	180	132.85556
174	201	KINGS HWY	969030	935	132.13155
175	216	AIRLINE	961S30	117	129.00000
176	261	MT PLEASANT	961920	145	128.11034
177	21	SPRINGHILL	966870	969	126.51909
178	95	PLILER ROAD	9610370	3,339	125.04732
179	151	ATLANTA	962140	1,724	124.94026
180	128	39TH STREET	962630	1,331	124.15477
181	31	WEST MT PLEASANT	961G70	112	123.97321
182	235	LONGVIEW HEIGHTS	969240	990	123.87980
183	66	PITTSBURG	968680	283	120.20495
184	209	HAWKINS	966310	141	118.75887
185	125	LEVERETTS CHAPEL	9610850	354	117.66667
186	105	HOWELL	962B60	152	117.05921
187	102	CENTER	969520	1,088	115.16636
188	242	HUGHES SPRINGS	965650	553	114.90054
189	153	ROSEBOROUGH	9610090	21	114.80952
190	104	GILMER	962490	1,553	113.90406
191	127	TURNERTOWN	961B20	414	113.20048

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
192	133	NEW HOPE	962120	491	110.36660
193	258	WHITNEY	964080	820	103.48049
194	142	WHITNEY	961480	1,613	103.44389
195	183	POYNTER	963270	867	102.46597
196	256	TEXARKANA PLANT	967980	159	101 27673
197	98	TATUM	9610840	726	101.12810
198	132	TEXARKANA PLANT	967960	1,351	100.09400
199	162	MARSHALL 69KV	964630	1,071	97.56303
200	2	VIVIAN	968990	110	96.42727
201	141	PITTSBURG	965460	1,380	95.20435
202	211	WINFIELD	962B70	569	94.70650
203	49	TEXARKANA OPERATIONS	961S90	198	94.14646
204	46	AIRLINE	961F10	818	93.61980
205	234	WELLINGTON	96NT3700	744	91.74462
206	145	GREGGTON	961V20	1,565	89.65240
207	239	BECKVILLE	969120	310	89.34839
208	28	SPRINGHILL	968190	853	85.37984
209	163	GREGGTON	961F60	97	84.53608
210	263	LAKE LAMOND	969430	587	84.00170
211	126	WHITNEY	964420	494	83.83603
212	238	KILGORE	967850	112	83.65179
213	184	GREGGTON	961F50	356	82.00562
214	45	HEDLEY	96NT5870	138	81.95652
215	135	GATES STREET	961X40	388	81.94845
216	107	KILGORE	963150	606	80.98185
217	231	CITY LAKE	9619090	306	80.75490
218	90	CITY LAKE	9619220	548	79.38869
219	218	LAKE LAMOND	968570	769	76.75293
220	250	MINEOLA	967130	969	76.54489
221	81	HAWKINS	962520	395	75.01013
222	27	PITTSBURG	965450	1,180	72.58475
223	262	POYNTER	969550	298	72.08389
224	193	LAKE LAMOND	961380	1,926	68.80530
225	259	SHAMROCK	96NT148	760	67.26842
226	197	LAKE LAMOND	969770	285	67.05263
227	74	NASH	9615120	859	66.23749
228	236	HAWKINS	969410	196	65.15816
229	181	PLILER ROAD	9610380	1,809	64.69044
230	147	LINDEN	962540	931	62.56176
231	195	IPC 69KV	961R60	40	62.45000
232	230	AIRLINE	961N30	1,856	62 31196
233	168	NEW BOSTON	961620	963	60.46106
234	260	NASH	9615130	1,316	60.28799
235	15	TEXARKANA PLANT	966570	78	59.07692
236	32	TEXARKANA OPERATIONS	967830	863	57.88528
237	200	NEW BOSTON	969610	804	54.14055
238	146	DAINGERFIELD	961970	665	51.77895
239	61	WINNSBORO	961P00	802	51.45511
240	244	LAKE LAMOND	966860	18	48.38889

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2018 SAIDI Ranking	2017 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2018 SAIDI Value
241	136	EVENSIDE	961F90	1,743	48.31842
242	273	WHITNEY	961A00	43	47.37209
243	144	KINGS HWY	969040	933	45.64202
244	248	12TH STREET	962230	90	42.52222
245	137	DEKALB	962430	882	38.02608
246	159	DEKALB	962440	530	37.91509
247	24	WEST MT PLEASANT	961G90	244	36.45492
248	215	WHITNEY	964090	1,046	35.99522
249	208	LAKE LAMOND	964070	1,897	34.98998
250	160	MARSHALL 69KV	96590	736	33.07880
251	86	ESTELLINE	96NT3535	123	32 96748
252	245	MINEOLA	963680	829	30.97587
253	243	HALLSVILLE	9616240	1,043	28.33461
254	212	MINEOLA	969360	477	27.47379
255	172	39TH STREET	961V70	51	24.47059
256	99	SCOTTSVILLE	961J10	849	23.38045
257	173	HUGHES SPRINGS	961Z00	765	23.35686
258	167	SOUTHEAST MARSHALL	9610160	1,835	23.02234
259	63	NORTH MINEOLA	965380	347	22.41210
260	120	WELLINGTON	96NT1765	567	22.14815
261	203	WINNSBORO	962040	515	21.59806
262	205	POYNTER	967680	850	21.49059
263	226	39TH STREET	962610	137	19.30657
264	249	CITY LAKE	9619120	436	17.51147
265	139	TEXARKANA PLANT	967970	203	16.30049
266	50	WELLINGTON	96NT1770	282	16.13121
267	267	LONE STAR SHELL ORDNANCE	9616030	27	14.66667
268	166	SOUTHEAST MARSHALL	9610170	1,082	14.19686
269	N/A	MORTON SALT	9615160	258	12.71318
270	271	CITY LAKE	9619210	96	11.40625
271	118	SOUTHEAST LONGVIEW	961780	589	10.79457
272	88	GATES STREET	961X60	322	9.59627
273	112	HEDLEY	96NT5845	242	8.89256
274	190	CAREY	96NT6115	114	2.71053
275	30	CENTER	962180	42	0.00000
276	251	NASH	9614710	14	0.00000

Feeders from last year that are not in this year's list

2017 Ranking	Substation Identification	Feeder ID	Reason not in 2018
Not applicable			

AEP Southwestern Electric Power

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2018 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (including lightning)	33.98%
Vegetation	37.06%
Animals and Birds	11.84%
People (including cars and farm eqpt)	2.99%
Utility-Owned Equipment	5.88%
Other	3.63%
Unknown	4.61%

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§25.52. -- Reliability and Continuity of Service.

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

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.

Type Name of Utility in the Cell Below

Utility: **Xcel Energy**

Type Total Number of Distribution Feeders in the Cell Below

Feeders: **347**

Due: **February 14, 2020**

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

Project: **50413**

Address: **Attn: Filing Clerk**
Public Utility Commission of Texas
P.O. Box 13326
Austin, Texas 78711-3326

If you have any questions, please contact:

David Smithson
Infrastructure & Reliability Division
Commission Staff
Voice: 512 936 7156
Fax: 512 936 7328
E-mail: david.smithson@puc texas.gov

Service Quality Report

To The

Public Utility Commission of Texas

In Accordance With

Substantive Rule §25.81

2019 Reporting Year

Xcel Energy

Project 50413

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													
2019	0.85	0.02	0.04	0.08	0.10	0.10	0.09	0.06	0.08	0.09	0.04	0.11	0.04
Scheduled													
2019	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Outside Causes													
2019	0.20	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.05	0.03	0.00
Major Events													
2019	0.20	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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													
2019	96.60	1.94	5.02	18.35	8.28	11.15	11.58	6.67	8.62	8.02	3.57	8.98	4.44
Scheduled													
2019	2.36	0.11	0.15	0.40	0.17	0.22	0.11	0.14	0.27	0.13	0.13	0.28	0.26
Outside Causes													
2019	23.15	0.00	1.33	1.68	0.91	0.97	2.33	2 48	2.07	0.90	8.84	1.64	0.00
Major Events													
2019	188.10	0.00	0.00	188.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2019 SPS SQR filed 2020 DRAFT.xls
System-SAIDI

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions
List all Distribution Feeders on Texas System
With 10 or more Customers
Add or Delete Rows as Necessary

Total Number of Feeders: **347**

Xcel Energy

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1	90	Perryton	PERR1535	415	10.149
2	41	Etter Rural	ETTR5405	594	5.569
3	287	Kingsmill	KING5100	100	5.490
4	1	Lipscomb	LPSB2580	1058	4.576
5	66	Diekemper	DEIKDE110	62	3.694
6	182	Bennett	BENNS345	1093	3 507
7	138	Weatherly	WEAT1350	1455	3 392
8	316	Littlefield City	LITCLI630	94	3.287
9	148	Plainview North	PLVNP260	698	3.268
10	13	Plant X	PLAXX310	603	3.181
11	77	Lawrence Park	LAWR5315	949	3.141
12	8	Coble	COBLLV835	238	3.084
13	22	Adobe Creek	ADOB1115	89	3.067
14	275	Olton	OLTOSO180	558	3.034
15	199	Happy	HAPP7040	382	3.026
16	56	Denver City East	DENES110	903	2.925
17	26	Moore Co	MOORM065	949	2.882
18	118	Muleshoe West	MULWMR130	201	2.871
19	NA	Curry County Interchange	CURX3635	424	2.816
20	337	County Line	COLICL110	14	2.786
21	93	Herring	HERR1438	94	2.734
22	25	Lynn	LYNN6510	246	2.581
23	91	Vega	VEGA5170	63	2.571
24	253	McCullough	MCCU5085	1251	2.541
25	133	Springlake	SPRISO140	195	2.528
26	89	Industrial	INDU1416	862	2.520
27	10	Springcreek	SPRI1320	78	2.500
28	288	Lockney Rural	LOCRLA140	69	2.406
29	7	Lockney Rural	LOCRLA150	89	2.382
30	37	Highland Park	HIGH5335	1037	2.354
31	38	Dalhart	DALH1664	79	2.342
32	99	McCullough	MCCU7005	1268	2.338
33	47	Etter Rural	ETTR5410	774	2.284
34	44	Kingsmill	KING5110	253	2.281
35	280	Westridge	WRIDP450	1507	2.272
36	239	Irick	IRICIB120	54	2.222
37	72	Channing	CHAN1564	29	2 207
38	159	Burnett	BURN1394	46	2 196
39	289	Middleton	MIDDLV820	46	2.174
40	125	Pacific	PACILV930	13	2.154
41	83	Plainview West	PLVWP130	819	2 136
42	123	Burnett	BURN1398	94	2 117
43	156	Dalhart	DALH1580	380	2.082
44	58	Tokio	TOKIS800	77	2.065
45	189	Hastings	HAST7082	979	2.011
46	85	Pacific	PACILV940	68	1.971
47	109	Dumas 19th Street	DU191371	1238	1.966

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
48	57	Channing	CHAN1568	57	1.947
49	208	South Georgia	SGEO2338	3351	1.878
50	30	Whitaker	WHIT5260	1747	1.877
51	198	Irick	IRICIB110	106	1.783
52	52	Doss	DOSS6660	771	1.773
53	340	Dawn	DAWN5A40	35	1.771
54	256	Spring Draw	SPRD2C70	1346	1.770
55	5	Carson County	CARS7030	151	1.768
56	48	34th Street	34ST5B85	2111	1 750
57	255	Van Buren	VANB7198	1607	1.743
58	167	Exell	EXEL1238	250	1.732
59	6	Spearman Int	SPEX1512	982	1.691
60	147	West Anton	WANT3502	625	1.672
61	134	Roberts County	ROBE7065	90	1.667
62	252	Higg East	HGEA6A05	58	1.621
63	68	Buffalo	BUFF2215	455	1.615
64	27	Hendrick	HEND6675	1234	1.613
65	232	Bennett	BENNS365	68	1.588
66	59	Canyon East	CANE5190	2139	1.572
67	130	Southeast	SOEA5C85	2714	1.545
68	2	Seminole Interchange	SEMX6E00	1320	1.537
69	104	Whiteface	WHITLV220	256	1.512
70	248	Arrowhead	ARRO5D85	2204	1.500
71	23	Kress Rural	KRERKR120	125	1.456
72	117	Channing	CHAN1675	478	1.444
73	29	Kingsmill	KING5115	840	1.433
74	209	Roxana	ROXA2334	84	1.429
75	15	Seminole Interchange	SEMX6E10	374	1.422
76	3	Pringle	PRIN1E15	475	1.398
77	220	Parmer County	PARM2475	823	1.388
78	75	East Plant	EPLAA110	958	1.380
79	152	Hart	HARTHA120	543	1.363
80	81	Lehman	LEHMLV500	188	1.362
81	143	Sherman County	SHER1452	39	1.359
82	234	Doss	DOSSS410	287	1.359
83	302	Arrowhead	ARRO5D80	454	1.346
84	176	Fritch	FRIT1360	891	1.341
85	51	Conway	CONW5010	1466	1.335
86	71	Plainview West	PLVWP110	1436	1.327
87	18	Bush	BUSH5205	552	1.322
88	338	Dalhart	DALH106	185	1.303
89	327	Spearman	SPEA401	358	1.288
90	277	Plainview North	PLVNP270	149	1 275
91	201	Elwood	ELWOLV140	59	1.271
92	111	Van Buren	VANB7046	3596	1.269
93	150	34th Street	34ST5B90	926	1.244
94	257	Plainview South	PLVSP210	138	1.239
95	210	Texas Farms	TXFA1125	206	1.233
96	157	Hale Center	HACTHR145	500	1.218
97	181	Pullman	PULL2A40	199	1.211
98	249	McCullough	MCCU7002	1257	1.206
99	241	Lynn	LYNN6300	827	1 198

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
100	261	Muleshoe Valley	MULVMR155	1150	1.197
101	279	Olton	OLTOSO170	654	1.187
102	149	Fritch	FRIT1364	1838	1.186
103	63	Wildorado	WILD2014	363	1.171
104	35	Van Buren	VANB7048	358	1.170
105	121	Whiteface	WHITLV210	141	1.170
106	211	Kingsmill	KING5095	53	1.170
107	235	34th Street	34ST5B95	1682	1.165
108	12	Roberts County	ROBE7090	482	1.162
109	62	Tuco	TUCON412	745	1.148
110	173	Plainview South	PLVSP220	555	1.146
111	108	Texaco	TEXALV980	21	1.143
112	139	Vega	VEGA5195	877	1.141
113	82	Lehman	LEHMLV510	64	1.141
114	65	Murphy	MURP7535	1793	1.139
115	282	Weatherly	WEAT1354	869	1.137
116	122	34th Street	34ST2B45	2061	1.131
117	267	Farmers	FARM5385	271	1.129
118	171	Estacado	ESTA5D60	1918	1.115
119	324	Farwell	FARWFA620	79	1.114
120	314	Littlefield West	LITWLI156	242	1.112
121	165	Garza	GARZ6500	721	1.103
122	28	Coburn Creek	CNCK1B25	141	1.099
123	153	Dimmitt South	DIMSDI110	360	1.092
124	266	Hart	HARTHA110	111	1.045
125	14	Lockney Rural	LOCR3417	918	1.028
126	102	South Floydada	SFLO3547	258	1.019
127	306	Sunset	SUNS5D40	1496	0.961
128	64	Cherry	CHER5C10	1705	0.936
129	21	Highland Park	HIGH5325	292	0.925
130	154	Springcreek	SPRI1316	343	0.913
131	237	Russell	RUSSS385	74	0.905
132	119	Slaton	SLAT6690	847	0.901
133	215	West Borger	WBOR1A20	1273	0.899
134	331	Dalhart	DALH108	322	0.885
135	295	Lawrence Park	LAWR5020	1537	0.885
136	113	Plainview East	PLVEP180	272	0.882
137	290	Osage	OSAG6060	133	0.872
138	229	Wade	WADE1B025	31	0.871
139	55	Vickers	VICK6680	1658	0.871
140	300	Canyon West	CANW7128	1770	0.866
141	131	Westridge	WRIDP460	559	0.826
142	191	Southeast	SOEA5C80	328	0.826
143	185	Bowers	BOWE2057	555	0.818
144	183	Herring	HERR1434	1181	0.813
145	223	La Plata	LAPL2D70	1546	0.812
146	136	Canyon West	CANW7124	2310	0.809
147	16	Riverview	RIVER095	460	0.809
148	107	Allred	ALLRS140	336	0.792
149	60	Riverview	RIVER090	17	0.765
150	230	Levelland City	LEVCLV190	2273	0.761
151	17	Wellman	WELLS755	246	0.760

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
152	24	Roxana	ROXA2076	393	0.758
153	67	Doss	DOSSS400	1079	0.742
154	296	Cedar Lake East	CEDES910	25	0.720
155	NA	Osage	OUTP2A050	489	0.716
156	53	McLean Rural	MCLE5300	803	0.707
157	45	Flanagan	FLANS550	112	0.696
158	172	Lake Meredith	LAKM2B55	46	0.696
159	204	Pierce	PIER5B00	1015	0.690
160	260	Moss	MOSS6540	307	0.671
161	272	Pierce	PIER5B10	923	0.662
162	217	Estacado	ESTA5D15	673	0.660
163	114	Slaton	SLATSL140	581	0.654
164	141	Dalhart	DALH1246	1727	0.648
165	50	Dumas 19th Street	DU191498	64	0.641
166	177	Levelland City	LEVCLV180	2274	0.615
167	236	Whitaker	WHIT5270	2749	0.587
168	164	Carson County	CARS7034	53	0.585
169	98	Fain	FAIN1105	100	0.580
170	49	Kingsmill	KING5105	338	0.574
171	46	Denver City East	DENES100	1006	0.573
172	129	Slaton	SLAT6600	1141	0.571
173	276	Lawrence Park	LAWR5050	1210	0.570
174	258	Barwise	BARWIB140	93	0.570
175	344	Prentice	PRENS875	32	0.563
176	226	Kiser	KISRP970	2862	0.554
177	196	Moore Co	MOORM055	69	0.551
178	161	Cherry	CHER5C15	1660	0.545
179	333	Dalhart	DALH114	147	0.544
180	128	Palo Duro	PALO1C35	882	0.529
181	124	Middleton	MIDDLV810	17	0.529
182	9	Bowers	BOWE5090	131	0.519
183	322	Lake Meredith	LAKM2B65	33	0.515
184	228	Spring Draw	SPRD2C80	1839	0.512
185	97	Plainview East	PLVEP160	331	0.511
186	321	Farmers	FARM5390	1596	0.505
187	54	Boardman	BOARS560	168	0.500
188	264	Sunset	SUNS1A030	530	0.496
189	160	Howard	HOWA2480	623	0.490
190	195	Lawrence Park	LAWR5030	1620	0.480
191	36	Boardman	BOARS430	21	0.476
192	240	East Plant	EPLAA126	636	0.473
193	301	Allmon	ALLMAT120	694	0.468
194	78	Dawn	DAWN5A35	466	0.468
195	61	Kress Rural	KRERKR140	138	0.464
196	69	Spring Draw	SPRD2C75	1266	0.460
197	254	Sudan Rural	SUDRSR120	473	0.427
198	246	Dalhart	DALH1298	1729	0.427
199	146	East Plant	EPLAA118	2735	0.420
200	112	Farmers	FARM5395	1427	0.419
201	163	Happy	HAPP2326	278	0.417
202	206	Outpost	OUTP2A060	152	0.414
203	303	South Georgia	SGEO2342	1137	0.413

Service Quality Report to the Public Utility Commission of Texas

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2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
204	103	Wildorado	WILD2018	217	0.406
205	31	Riverview	RIVER100	254	0.406
206	135	Garza	GARZ6520	380	0.405
207	70	Springlake	SPRISO150	291	0.402
208	265	Manhattan	MANH7160	1226	0.400
209	227	Lipscomb	LPSB1E50	486	0.397
210	96	Kite	KITE5B80	1092	0.395
211	221	Lyons	LYON5C20	1411	0.391
212	179	Tuco	TUCON404	779	0.383
213	315	Dalhart	DALH116	264	0.379
214	84	Lawrence Park	LAWR5025	1802	0.377
215	169	Buffalo	BUFF5165	211	0.365
216	310	Whitharral	WHITLV710	88	0.364
217	174	Bennett	BENNS290	124	0.363
218	200	Hereford	HERE2D50	743	0.361
219	188	Lynn	LYNN6340	624	0.357
220	142	Mallet	MALLLV120	14	0.357
221	214	Bush	BUSH5210	1801	0.357
222	158	Barwise	BARWIB130	59	0.356
223	341	Hillside	HILS2B05	68	0.353
224	222	Soncy	SONC5130	723	0.351
225	73	Sherman County	SHER1448	20	0.350
226	192	West Borger	WBOR1A10	1206	0.348
227	95	Southland	SOUTSO110	96	0.333
228	33	Doss	DOSS6670	1408	0.332
229	110	Tenneco	TENNS440	206	0.325
230	168	Conway	CONW5005	1626	0.320
231	79	Pierce	PIER5B05	965	0.310
232	137	Doss	DOSSS495	1006	0.309
233	219	Estacado	ESTA5D20	1878	0.308
234	283	Levelland East	LEVELV950	517	0.306
235	175	Perryton	PERR1235	1652	0.304
236	250	Lawrence Park	LAWR5275	1248	0.300
237	151	Sherman County	SHER1456	1126	0.294
238	34	Dimmitt East	DIMEDI180	438	0.292
239	40	Bowers	BOWE2053	49	0.286
240	291	Canadian	CANA325	392	0.276
241	225	Soncy	SONC7116	66	0.273
242	140	Hastings	HAST7078	3476	0.271
243	212	Hereford	HERE2D45	1611	0.267
244	155	Manhattan	MANH7164	1649	0.266
245	4	Dumas 19th Street	DU191470	2110	0.264
246	243	Osage	OSAG6040	2187	0.264
247	145	Littlefield City	LITCLI640	430	0.263
248	207	Howard	HOWA2485	406	0.256
249	88	Hastings	HAST7074	1437	0.255
250	218	Kite	KITE5075	1260	0.255
251	233	Levelland East	LEVELV960	1080	0.254
252	197	Lyons	LYON5C25	1845	0.253
253	269	Yellowhouse	YELLLV900	24	0.250
254	245	Osage	OSAG6065	1820	0.247
255	317	Morton	MORTM120	154	0.247

Service Quality Report to the Public Utility Commission of Texas

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2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
256	334	Littlefield South	LITSLI120	216	0.241
257	190	Littlefield South	LITSLI110	1558	0.238
258	304	Industrial	INDU1412	1043	0.231
259	278	Dumas 19th Street	DU191175	1412	0.228
260	100	Manhattan	MANH5135	699	0.227
261	32	Friona Rural	FRIO2436	1722	0.224
262	345	Whitaker	WHIT5265	72	0.222
263	193	La Plata	LAPL2D65	2682	0.216
264	281	Littlefield City	LITCLI610	313	0.214
265	242	Moss	MOSS6320	1249	0.213
266	251	Lipscomb	LPSB1E40	221	0.208
267	20	Kiser	KISRP965	749	0.206
268	294	Canyon East	CANE5185	922	0.204
269	270	South Georgia	SGEO5B35	1701	0.200
270	116	Canadian	CANA335	307	0.199
271	312	Moore Co	MOORM060	190	0.195
272	194	Hale Center	HACTHR110	632	0.195
273	202	Perryton	PERR1230	794	0.184
274	268	Canadian	CANA340	448	0.183
275	92	Aiken Rural	AIKRLA110	111	0.180
276	247	Riley	RILES500	51	0.176
277	105	Hastings	HAST7086	946	0.174
278	178	Coulter	COUL5290	1490	0.168
279	286	Carlisle	CARL6650	936	0.168
280	186	Outpost	OUTP2A055	1120	0.166
281	273	Exell	EXEL1242	79	0.165
282	293	Garza	GARZPO120	329	0.161
283	127	Amherst	AMHEAM620	353	0.159
284	231	Dimmitt East	DIMEDI150	880	0.157
285	205	Muleshoe West	MULWMR140	664	0.157
286	297	Plainview South	PLVSP230	572	0.152
287	80	Dumas 19th Street	DU191367	1887	0.147
288	86	Coburn Creek	CNCK1B30	44	0.136
289	87	Spearman	SPEA302	577	0.133
290	94	Monroe	MONR6610	445	0.130
291	11	Van Buren	VANB7044	831	0.129
292	244	Muleshoe Valley	MULVMR150	465	0.127
293	166	South Georgia	SGEO2346	1128	0.126
294	120	Soncy	SONC7020	414	0.126
295	323	Estacado	ESTA5D10	2414	0.107
296	106	South Floydada	SFLO3551	38	0.105
297	43	Hendrick	HEND6685	1050	0.098
298	216	South Georgia	SGEO5B40	1951	0.097
299	271	Kite	KITE7106	636	0.093
300	318	Lariat	LARIMR110	54	0.093
301	224	Kress Rural	KRERKR110	335	0.093
302	76	East Plant	EPLAA122	2012	0.092
303	284	Farwell	FARWFA610	324	0.090
304	259	Morton	MORTM130	853	0.089
305	307	Hillside	HILS2B10	867	0.088
306	144	Estacado	ESTA5D65	2180	0.085
307	238	Kingsmill	KING1B80	24	0.083

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2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
308	326	Coulter	COUL5280	852	0.079
309	132	Canyon West	CANW5160	907	0.077
310	126	Zavala	ZAVALV780	13	0.077
311	330	Jaybee	JAYBS765	53	0.075
312	180	Brisco	BRIS3434	475	0.072
313	39	Parmer County	PARM2465	42	0.071
314	308	Puckett West	PUCW5C35	2280	0.071
315	203	South Georgia	SGEO5B30	1415	0 068
316	184	Perryton	PERR1530	1496	0.059
317	213	Slaton	SLATSL150	452	0.058
318	74	Dimmitt South	DIMSDI120	333	0.054
319	262	Garza	GARZPO110	502	0.046
320	325	Estacado	ESTA5D70	730	0.044
321	311	Canadian	CANA350	252	0.044
322	298	Sudan Rural	SUDRSR110	23	0.043
323	328	Spearman	SPEA301	436	0.041
324	329	Van Buren	VANB7190	52	0.038
325	342	Levelland City	LEVCLV520	159	0.038
326	320	Brownfield	BROW6580	301	0.037
327	42	Soncy	SONC7024	1243	0.034
328	335	Amherst	AMHEAM610	31	0.032
329	319	Riley	RILES510	99	0.030
330	292	Coulter	COUL5285	1205	0.029
331	115	Puckett West	PUCW5C30	746	0.025
332	343	Littlefield City	LITCLI620	82	0.024
333	332	Van Buren	VANB7194	94	0.021
334	299	Spearman	SPEA402	370	0.016
335	NA	Hillside	HILS2B040	163	0.012
336	187	Plainview West	PLVWP120	224	0.004
337	313	Hillside	HILS2B15	1619	0.002
338	NA	Hillside	HILS2B035	1999	0.001
339	309	Adair	ADAIS790	17	0.000
340	336	Bainer	BAINBA601	11	0.000
341	170	Brisco	BRIS3457	14	0.000
342	285	Bush	BUSH5215	1357	0.000
343	339	Damron	DAMR5365	11	0.000
344	19	Lockney Rural	LOCR3421	21	0.000
345	263	Puckett West	PUCW5C60	127	0.000
346	305	Sunset	SUNS1A035	60	0.000
347	101	Sunset	SUNS5D35	47	0.000

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Distribution Feeder Indices for Forced Interruptions
List all Distribution Feeders on Texas System
With 10 or more Customers
Add or Delete Rows as Necessary

Total Number of Feeders: **347**

Xcel Energy

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1	163	Perryton	PERR1535	415	1028.13
2	136	Diekemper	DEIKDE110	62	913.60
3	194	Bennett	BENNS365	68	810.63
4	34	Adobe Creek	ADOB1115	89	752.85
5	7	Springcreek	SPRI1320	78	742.69
6	21	Etter Rural	ETTR5405	594	664.20
7	172	Springlake	SPRISO140	195	627.33
8	111	Pacific	PACILV940	68	597.40
9	56	Herring	HERR1438	94	592.10
10	1	Lipscomb	LPSB2580	1058	571.87
11	117	Pacific	PACILV930	13	565.42
12	299	Kingsmill	KING5100	100	563.50
13	58	Plant X	PLAXX310	603	527.36
14	122	Burnett	BURN1394	46	522.83
15	262	Irick	IRICIB120	54	487.46
16	158	Roxana	ROXA2334	84	485.86
17	214	Industrial	INDU1416	862	482.94
18	182	Irick	IRICIB110	106	473.43
19	86	Lehman	LEHMLV500	188	456.92
20	187	Plainview North	PLVNP260	698	443.72
21	39	Channing	CHAN1564	29	434.27
22	5	Lockney Rural	LOCRLA150	89	434.17
23	61	Vega	VEGA5170	63	432.96
24	107	Lehman	LEHMLV510	64	418.47
25	42	Burnett	BURN1398	94	404.74
26	100	Tokio	TOKIS800	77	393.17
27	NA	Curry County Interchange	CURX3635	424	391.33
28	10	Lynn	LYNN6510	246	389.79
29	37	Channing	CHAN1568	57	371.57
30	278	Whitharral	WHITLV710	88	371.15
31	55	Sherman County	SHER1452	39	368.51
32	15	Lawrence Park	LAWR5315	949	347.29
33	161	Texas Farms	TXFA1125	206	337.09
34	28	Coble	COBLLV835	238	332.17
35	126	Muleshoe West	MULWMR130	201	330.52
36	250	Olton	OLTOSO180	558	319.26
37	160	Vega	VEGA5195	877	316.64
38	62	Highland Park	HIGH5335	1037	313.86
39	25	Dalhart	DALH1664	79	313.28
40	108	Slaton	SLAT6600	1141	311.92
41	225	Higg East	HGEA6A05	58	300.00
42	285	Middleton	MIDDLV820	46	295.87
43	129	Exell	EXEL1238	250	286.79
44	183	Dimmitt South	DIMSDI110	360	276.29
45	196	Hastings	HAST7082	979	276.01
46	52	Wildorado	WILD2014	363	276.01
47	337	County Line	COLICL110	14	274.07

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
48	275	Plainview North	PLVNP270	149	270.09
49	2	Carson County	CARS7030	151	267.44
50	176	Lynn	LYNN6340	624	265.34
51	168	Roberts County	ROBE7065	90	264.23
52	26	Spearman Int	SPEX1512	982	263.70
53	121	Moore Co	MOORM065	949	259.94
54	242	Elwood	ELWOLV140	59	259.80
55	78	Buffalo	BUFF2215	455	259.30
56	267	Olton	OLTOSO170	654	253.78
57	109	Pullman	PULL2A40	199	251.13
58	112	Dalhart	DALH1580	380	242.52
59	171	Happy	HAPP7040	382	239.86
60	340	Dawn	DAWN5A40	35	239.54
61	276	Lockney Rural	LOCRLA140	69	236.77
62	72	Texaco	TEXALV980	21	235.99
63	82	Vickers	VICK6680	1658	230 82
64	38	Channing	CHAN1675	478	226 31
65	89	Etter Rural	ETTR5410	774	219.72
66	210	Lynn	LYNN6300	827	216.64
67	4	Pringle	PRIN1E15	475	215.70
68	32	Doss	DOSS6660	771	214.87
69	85	Whiteface	WHITLV210	141	213.86
70	40	Kingsmill	KING5115	840	210.50
71	185	South Georgia	SGEO2338	3351	207.29
72	130	Weatherly	WEAT1350	1455	206.72
73	9	Seminole Interchange	SEMX6E10	374	199.92
74	315	Spearman	SPEA401	358	198.71
75	200	Parmer County	PARM2475	823	197.45
76	75	Highland Park	HIGH5325	292	196.72
77	191	West Anton	WANT3502	625	196.50
78	23	Fain	FAIN1105	100	195.76
79	18	Hendrick	HEND6675	1234	195.72
80	120	Plainview West	PLVWP110	1436	192.75
81	282	Westridge	WRIDP450	1507	183.06
82	14	Bush	BUSH5205	552	178.51
83	229	Bennett	BENNS345	1093	177.18
84	241	Spring Draw	SPRD2C70	1346	176.61
85	81	Murphy	MURP7535	1793	174.09
86	64	Bowers	BOWE2057	555	171.80
87	293	Osage	OSAG6060	133	168.92
88	95	South Floydada	SFLO3547	258	167.46
89	222	Arrowhead	ARRO5D85	2204	164.68
90	279	Van Buren	VANB7198	1607	164.57
91	46	Van Buren	VANB7048	358	161.67
92	328	Littlefield City	LITCLI630	94	161.17
93	24	McLean Rural	MCLE5300	803	159.19
94	31	Roberts County	ROBE7090	482	157.62
95	36	Kingsmill	KING5110	253	157.45
96	206	Wade	WADE1B025	31	155.79
97	300	Sunset	SUNS5D40	1496	152.02
98	98	Canyon East	CANE5190	2139	152.00
99	113	Slaton	SLAT6690	847	150.90

Service Quality Report to the Public Utility Commission of Texas

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
100	264	Hart	HARTHA110	111	147.84
101	153	Kingsmill	KING5095	53	147.04
102	140	Herring	HERR1434	1181	146.99
103	114	Fritch	FRIT1360	891	146.62
104	165	Springcreek	SPRI1316	343	146.60
105	125	Mallet	MALLLV120	14	146.43
106	254	McCullough	MCCU5085	1251	145.61
107	149	Lake Meredith	LAKM2B55	46	144.90
108	20	Riverview	RIVER095	460	141.75
109	11	Riverview	RIVER100	254	137.21
110	66	Wellman	WELLS755	246	136.08
111	30	Cherry	CHER5C10	1705	134.68
112	280	Moss	MOSS6540	307	133.87
113	NA	Osage	OUTP2A050	489	133.28
114	128	34th Street	34ST5B90	926	133.03
115	307	Arrowhead	ARRO5D80	454	132.25
116	115	Plainview East	PLVEP180	272	132.24
117	63	Conway	CONW5010	1466	132.05
118	79	Whiteface	WHITLV220	256	131.70
119	331	Dalhart	DALH114	147	129.52
120	321	Dalhart	DALH108	322	124.32
121	256	Pierce	PIER5B10	923	123.22
122	60	Denver City East	DENES110	903	122.67
123	119	Tuco	TUCON412	745	122.07
124	167	Garza	GARZ6500	721	119.64
125	233	Estacado	ESTA5D15	673	119.62
126	131	Southeast	SOEA5C85	2714	118.13
127	169	Carson County	CARS7034	53	117.83
128	144	Hale Center	HACTHR145	500	116.00
129	261	Lawrence Park	LAWR5020	1537	113.71
130	253	Lawrence Park	LAWR5275	1248	110.40
131	67	Dumas 19th Street	DU191498	64	109.08
132	76	Dumas 19th Street	DU191371	1238	108.87
133	97	Riverview	RIVER090	17	108.12
134	281	Lawrence Park	LAWR5050	1210	107.93
135	192	McCullough	MCCU7005	1268	107.73
136	147	Whitaker	WHIT5260	1747	105.81
137	29	Coburn Creek	CNCK1B25	141	105.41
138	338	Dalhart	DALH106	185	104.30
139	291	Weatherly	WEAT1354	869	103.25
140	104	34th Street	34ST5B85	2111	102.91
141	311	Canyon West	CANW7128	1770	100.85
142	33	Lockney Rural	LOCR3417	918	100.82
143	151	Plainview East	PLVEP160	331	99.89
144	266	McCullough	MCCU7002	1257	98.64
145	175	Southeast	SOEA5C80	328	98.03
146	101	Slaton	SLATSL140	581	97.25
147	137	Cherry	CHER5C15	1660	96.47
148	71	Kress Rural	KRERKR120	125	96.10
149	50	Denver City East	DENES100	1006	96.10
150	105	Garza	GARZ6520	380	94.43
151	344	Prentice	PRENS875	32	94.00

Service Quality Report to the Public Utility Commission of Texas

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
152	17	Bowers	BOWE5090	131	92.92
153	88	Palo Duro	PALO1C35	882	92.21
154	248	Sunset	SUNS1A030	530	92.02
155	3	Roxana	ROXA2076	393	91.71
156	103	Dalhart	DALH1246	1727	91.62
157	290	Plainview South	PLVSP210	138	90.93
158	249	Farmers	FARM5385	271	90.67
159	48	Spring Draw	SPRD2C75	1266	89.93
160	159	Allred	ALLRS140	336	89.60
161	180	Doss	DOSSS410	287	88.56
162	132	Moore Co	MOORM055	69	87.96
163	80	Dawn	DAWN5A35	466	86.93
164	154	Hart	HARTHA120	543	83.57
165	226	Happy	HAPP2326	278	83.17
166	212	East Plant	EPLAA126	636	82.23
167	44	Kingsmill	KING5105	338	80.66
168	145	Canyon West	CANW7124	2310	79 41
169	8	Seminole Interchange	SEMX6E00	1320	77.56
170	209	Estacado	ESTA5D20	1878	76.51
171	227	Russell	RUSSS385	74	76.04
172	178	Pierce	PIER5B00	1015	75.09
173	252	Muleshoe Valley	MULVMR155	1150	74.77
174	310	Lake Meredith	LAKM2B65	33	74.64
175	127	Hastings	HAST7078	3476	71.88
176	259	Dalhart	DALH1298	1729	71.47
177	205	34th Street	34ST5B95	1682	70.89
178	96	Westridge	WRIDP460	559	70 16
179	195	Bush	BUSH5210	1801	68.43
180	73	Plainview West	PLVWP130	819	68.17
181	255	Spring Draw	SPRD2C80	1839	68 15
182	16	Flanagan	FLANS550	112	67.72
183	202	Plainview South	PLVSP220	555	66.85
184	94	Farmers	FARM5395	1427	65.99
185	142	34th Street	34ST2B45	2061	64.64
186	110	Van Buren	VANB7046	3596	64.27
187	43	Springlake	SPRISO150	291	63.87
188	19	Dimmitt East	DIMEDI180	438	60.95
189	341	Hillside	HILS2B05	68	60.88
190	244	Barwise	BARWIB140	93	60.09
191	211	Lipscomb	LPSB1E50	486	59.57
192	35	Middleton	MIDDLV810	17	59 00
193	123	Kite	KITE5B80	1092	58.99
194	12	Doss	DOSSS400	1079	58.72
195	106	East Plant	EPLAA110	958	56.84
196	274	West Borger	WBOR1A10	1206	56.55
197	232	La Plata	LAPL2D70	1546	56.41
198	332	Farwell	FARWFA620	79	56.27
199	162	Perryton	PERR1235	1652	55.50
200	213	West Borger	WBOR1A20	1273	54.06
201	188	Outpost	OUTP2A055	1120	53.70
202	289	Cedar Lake East	CEDES910	25	53.49
203	263	Yellowhouse	YELLLV900	24	52.94

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
204	41	Boardman	BOARS560	168	52.46
205	177	Estacado	ESTA5D60	1918	52.18
206	157	Barwise	BARWIB130	59	51.81
207	198	Tuco	TUCON404	779	51.58
208	303	Farmers	FARM5390	1596	51.52
209	59	Boardman	BOARS430	21	51.33
210	152	Lawrence Park	LAWR5030	1620	50.88
211	221	Osage	OSAG6040	2187	50.06
212	54	Southland	SOUTSO110	96	49.61
213	246	Manhattan	MANH7160	1226	48.30
214	184	Howard	HOWA2480	623	48.05
215	139	Bennett	BENNS290	124	47.83
216	156	Outpost	OUTP2A060	152	47.11
217	207	Hereford	HERE2D50	743	46.72
218	308	Allmon	ALLMAT120	694	46.40
219	238	Lipscomb	LPSB1E40	221	45.87
220	199	Levelland City	LEVCLV180	2274	45.78
221	53	Wildorado	WILD2018	217	45.32
222	239	Kiser	KISRP970	2862	45.32
223	305	Canadian	CANA325	392	44.36
224	124	Lawrence Park	LAWR5025	1802	44.35
225	141	Manhattan	MANH7164	1649	43.94
226	265	Littlefield City	LITCLI610	313	43.90
227	164	Conway	CONW5005	1626	43.27
228	317	Dalhart	DALH116	264	42.92
229	45	Sherman County	SHER1448	20	42.29
230	91	Kress Rural	KRERKR140	138	41.78
231	116	Manhattan	MANH5135	699	41.65
232	138	Doss	DOSSS495	1006	40.77
233	313	Moore Co	MOORM060	190	40.11
234	204	Buffalo	BUFF5165	211	39.93
235	102	Sherman County	SHER1456	1126	39.66
236	236	Sudan Rural	SUDRSR120	473	39.31
237	327	Littlefield West	LITWLI156	242	39.05
238	155	Hastings	HAST7074	1437	38.56
239	134	Fritch	FRIT1364	1838	38.20
240	148	East Plant	EPLAA118	2735	37.76
241	216	Whitaker	WHIT5270	2749	37.70
242	231	Exell	EXEL1242	79	37.49
243	230	Lyons	LYON5C25	1845	36.92
244	235	Hereford	HERE2D45	1611	36.65
245	251	Levelland City	LEVCLV190	2273	36.45
246	296	Osage	OSAG6065	1820	36.31
247	314	Morton	MORTM120	154	35.86
248	6	Tenneco	TENNS440	206	35.37
249	218	Soncy	SONC5130	723	34.69
250	190	South Georgia	SGEO5B30	1415	33.99
251	237	Lyons	LYON5C20	1411	30.74
252	57	Dimmitt South	DIMSDI120	333	30.57
253	70	Kiser	KISRP965	749	30.27
254	181	La Plata	LAPL2D65	2682	30.25
255	301	Levelland East	LEVELV950	517	29.79

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
256	302	South Georgia	SGEO2342	1137	28.75
257	247	Dumas 19th Street	DU191175	1412	28.46
258	68	Pierce	PIER5B05	965	28.12
259	287	Industrial	INDU1412	1043	27.42
260	166	Littlefield South	LITSLI110	1558	27.29
261	240	Amherst	AMHEAM620	353	26.96
262	189	Coulter	COUL5290	1490	26.91
263	69	Friona Rural	FRIO2436	1722	26.67
264	49	Doss	DOSS6670	1408	26.55
265	27	Hendrick	HEND6685	1050	26.20
266	208	Littlefield City	LITCLI640	430	25.89
267	22	Van Buren	VANB7044	831	25.13
268	345	Whitaker	WHIT5265	72	24.67
269	83	South Floydada	SFLO3551	38	24.16
270	47	Dumas 19th Street	DU191470	2110	22.55
271	286	Soncy	SONC7116	66	22.35
272	84	Canadian	CANA335	307	22.33
273	133	Hastings	HAST7086	946	22.17
274	92	Aiken Rural	AIKRLA110	111	22.07
275	334	Littlefield South	LITSLI120	216	22.06
276	215	Perryton	PERR1230	794	21.92
277	243	Moss	MOSS6320	1249	21.65
278	272	Levelland East	LEVELV960	1080	21.59
279	283	Morton	MORTM130	853	21.08
280	245	Howard	HOWA2485	406	20.72
281	288	Muleshoe Valley	MULVMR150	465	19.69
282	284	Canyon East	CANE5185	922	19.65
283	234	South Georgia	SGEO5B35	1701	19.55
284	271	Kite	KITE7106	636	19.31
285	323	Estacado	ESTA5D10	2414	18.75
286	273	Kite	KITE5075	1260	18.31
287	90	Bowers	BOWE2053	49	17.63
288	268	Carlisle	CARL6650	936	17.30
289	223	Dimmitt East	DIMEDI150	880	17.25
290	219	Muleshoe West	MULWMR140	664	16.83
291	174	Riley	RILES500	51	16.67
292	87	East Plant	EPLAA122	2012	15.65
293	186	Dumas 19th Street	DU191367	1887	15.39
294	258	Puckett West	PUCW5C35	2280	14.65
295	170	South Georgia	SGEO5B40	1951	14.60
296	201	Hale Center	HACTHR110	632	14.51
297	74	Soncy	SONC7020	414	14.32
298	150	Spearman	SPEA302	577	13.83
299	292	Canadian	CANA340	448	13.48
300	316	Plainview South	PLVSP230	572	13.27
301	135	Estacado	ESTA5D65	2180	13.07
302	146	South Georgia	SGEO2346	1128	12.38
303	193	Coburn Creek	CNCK1B30	44	12.34
304	324	Coulter	COUL5280	852	12.11
305	217	Slaton	SLATSL150	452	11.41
306	197	Brisco	BRIS3434	475	11.24
307	203	Perryton	PERR1530	1496	10.92

Service Quality Report to the Public Utility Commission of Texas

Xcel Energy

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
308	51	Zavala	ZAVALV780	13	10.31
309	77	Monroe	MONR6610	445	10.30
310	333	Van Buren	VANB7194	94	10.01
311	297	Garza	GARZPO120	329	9.98
312	228	Kress Rural	KRERKR110	335	8.63
313	143	Puckett West	PUCW5C30	746	8.52
314	306	Lariat	LARIMR110	54	8.24
315	257	Kingsmill	KING1B80	24	8.00
316	330	Jaybee	JAYBS765	53	7.77
317	312	Hillside	HILS2B10	867	7.60
318	318	Spearman	SPEA301	436	6.48
319	319	Coulter	COUL5285	1205	6.37
320	329	Estacado	ESTA5D70	730	6.22
321	298	Farwell	FARWFA610	324	5.98
322	320	Brownfield	BROW6580	301	5.92
323	65	Parmer County	PARM2465	42	5.24
324	224	Garza	GARZPO110	502	4.39
325	173	Canyon West	CANW5160	907	4.38
326	304	Sudan Rural	SUDRSR110	23	4.26
327	118	Soncy	SONC7024	1243	3.02
328	325	Riley	RILES510	99	2.99
329	342	Levelland City	LEVCLV520	159	2.44
330	335	Amherst	AMHEAM610	31	2.13
331	295	Hillside	HILS2B15	1619	2 11
332	260	Spearman	SPEA402	370	2.02
333	326	Van Buren	VANB7190	52	1.94
334	343	Littlefield City	LITCLI620	82	1.83
335	NA	Hillside	HILS2B040	163	1.66
336	309	Canadian	CANA350	252	1.35
337	220	Plainview West	PLVWP120	224	0.49
338	NA	Hillside	HILS2B035	1999	0.10
339	322	Adair	ADAIS790	17	0.00
340	336	Bainer	BAINBA601	11	0.00
341	179	Brisco	BRIS3457	14	0.00
342	270	Bush	BUSH5215	1357	0.00
343	339	Damron	DAMR5365	11	0.00
344	13	Lockney Rural	LOCR3421	21	0.00
345	277	Puckett West	PUCW5C60	127	0.00
346	269	Sunset	SUNS1A035	60	0.00
347	93	Sunset	SUNS5D35	47	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.

2019 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	17.03%
Vegetation	2.15%
Animals and Birds	6.28%
People (Including cars and farm equip)	6.09%
Utility-owned Equipment	54.02%
Other	3.89%
Unknown	10.55%

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Service Quality Report

To The

Public Utility Commission of Texas

In Accordance With

Substantive Rule §25.81

2020 Reporting Year

AEP Southwestern Electric Power

Project 51730

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Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2020	1.58390	0.10860	0.05060	0.16772	0.10912	0.21241	0.23118	0.23444	0.07962	0.15477	0.07571	0.09235	0.06738
Scheduled													
2020	0.08452	0.00686	0.00441	0.00658	0.00361	0.00904	0.01927	0.00957	0.00979	0.00256	0.00316	0.00297	0.00670
Outside Causes													
2020	0.54744	0.00336	0.01444	0.01697	0.10626	0.03564	0.04318	0.08582	0.08678	0.01713	0.07141	0.06121	0.00523
Major Events													
2020	0.68627				0.42138	0.13730			0.12759				

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System-SAIFI

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2020	214.02111	32.24161	7.06009	10.98029	23.05231	25.88004	24.21278	32.46631	12.57291	19.71506	11.82748	7.66819	6.34403
Scheduled													
2020	13.05507	1.24605	0.73838	1.10710	0.66815	1.20991	2.73282	1.14881	0.97133	0.38501	0.47249	0.58683	1.78820
Outside Causes													
2020	91.56428	0.90214	1.21896	1.79687	16.99204	2.75986	12.07597	5.12544	7.91032	3.70700	33.37731	5.19292	0.50544
Major Events													
2020	406.50886				327.75884	33.03072			45.71930				

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions
List all Distribution Feeders on Texas System
With 10 or more Customers
Add or Delete Rows as Necessary

Total Number of Feeders: **274**

AEP Southwestern Electric Power

2020 SAIFI Ranking	2019 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIFI Value
1	70	GRAND SALINE	967120	859	10 89406
2	91	CLARKSVILLE	963660	151	5 97351
3	56	FRIARS SWITCH	961900	195	5.88205
4	195	LINDEN	962540	928	5 64655
5	57	LONDON	965940	332	5.45783
6	72	TEXARKANA OPERATIONS	961S80	979	5 42901
7	100	FRIARS SWITCH	965790	415	5.39036
8	20	LONDON	965930	480	4 83125
9	12	PLILER ROAD	9610370	3,450	4 37478
10	226	WHITNEY	961490	1,452	4.32576
11	44	TURNERTOWN	961B00	24	4 20833
12	39	HEDLEY	96NT5870	134	3.94030
13	10	HARRISON ROAD	9611880	2,093	3 79408
14	68	LEVERETTS CHAPEL	965200	431	3 68677
15	84	MT PLEASANT	961930	1,129	3 60850
16	144	GRAND SALINE	967110	1,189	3 51388
17	101	SABINE	965130	1,527	3 46496
18	239	PLILER ROAD	9612470	3,053	3 39469
19	86	LONGVIEW	965520	1,198	3 26544
20	17	SCOTTSVILLE	961J30	478	3 23640
21	152	LONGVIEW	965510	574	3 19338
22	169	WHITNEY	964090	1,041	3 17867
23	246	PLILER ROAD	9610380	1,845	3 15122
24	51	SOUTHEAST MARSHALL	9610160	1,841	3 14123
25	37	NEW BOSTON	969620	379	3 10818
26	74	KILGORE	963090	388	2 97423
27	107	CENTER	962190	1,004	2.93127
28	42	WASKOM	967890	571	2.92644
29	18	WINNSBORO	961P00	811	2 77928
30	11	LONDON	965950	306	2 73856
31	5	LEVERETTS CHAPEL	965700	145	2.71034
32	16	GILMER	962450	930	2.67742
33	247	HUGHES SPRINGS	965650	550	2.63273
34	148	WHITNEY	964080	825	2 62545
35	7	CLARKSVILLE	963670	117	2 61538
36	164	TEXARKANA OPERATIONS	967240	1,004	2 56574
37	268	WEST MT PLEASANT	961L00	178	2 53371
38	180	TEXARKANA PLANT	966570	76	2 52632
39	188	FRIARS SWITCH	965780	146	2.52055
40	52	NEW GLADEWATER	9611980	1,080	2.51852
41	105	POYNTER	967590	991	2 50454
42	111	BLOOMBURG	967350	338	2.49408
43	137	VIVIAN	968980	46	2 45652

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2020 SAIFI Ranking	2019 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIFI Value
44	151	SABINE	965120	101	2 45545
45	120	MT PLEASANT	965190	671	2 42325
46	59	FRIARS SWITCH	965920	248	2.39919
47	186	TEXARKANA OPERATIONS	961S90	196	2 37245
48	250	HUGHES SPRINGS	961Z00	773	2 36223
49	9	WHITNEY	961480	1,626	2 34748
50	140	MT PLEASANT	965360	689	2 33527
51	218	WINNSBORO	962050	1,176	2 29252
52	30	WESTWOOD	963710	44	2 27273
53	174	GATES STREET	961X60	370	2 27027
54	116	LONGVIEW	966770	1,063	2 26529
55	227	LONGVIEW HEIGHTS	968430	484	2 25826
56	93	RICHMOND ROAD	968050	1,311	2 25553
57	3	LOUISIANA PACIFIC	962260	735	2 23810
58	182	NORTH MARSHALL	969800	1,065	2 22535
59	83	SUGAR HILL	962370	396	2 22475
60	133	LONGVIEW HEIGHTS	961B40	1,767	2 16865
61	178	HEDLEY	96NT5845	234	2.13675
62	263	MT PLEASANT	961920	139	2 11511
63	153	KINGS HWY	969030	917	2.06870
64	215	LIBERTY CITY	967990	1,041	2.05283
65	214	MARSHALL 69KV	962000	234	2.04701
66	46	PETTY	9611460	512	2 02734
67	43	LEVERETTS CHAPEL	9610850	370	2 02432
68	62	GILMER	962490	1,580	2.02089
69	162	ATLANTA	962150	631	2.00792
70	35	NAPLES SUB	968730	925	1.99892
71	212	TEXARKANA OPERATIONS	967830	866	1.99769
72	24	MONROE CORNERS	966510	70	1.97143
73	32	HAWKINS	962530	99	1.96970
74	139	TENAHA	962510	354	1.96328
75	245	LAKE LAMOND	969430	587	1 91652
76	87	LOUISIANA PACIFIC	968030	422	1 90284
77	115	WINFIELD	964100	97	1 87629
78	28	KILGORE	967880	1,527	1.87099
79	216	NORTH MINEOLA	965380	349	1 84527
80	156	HALLSVILLE	9615920	876	1 84361
81	34	CLARKSVILLE	969200	658	1 80699
82	129	HOOKS	9610950	499	1 80361
83	198	NEW BOSTON	961620	969	1.74510
84	128	HALLSVILLE	9616250	795	1.74088
85	108	HOOKS	9610960	1,330	1.73233
86	232	SHAMROCK	96NT1835	233	1.70815
87	173	ATLANTA	962140	1,745	1.68309
88	197	PITTSBURG	965450	1,206	1.68159
89	266	KNOX LEE	961U90	179	1.68156
90	184	SPRINGHILL	968200	718	1 67131
91	191	TURNERTOWN	961B20	428	1 66822

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Feeder-SAIFI

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2020 SAIFI Ranking	2019 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIFI Value
92	47	NORTH LANEVILLE	9610660	480	1.66250
93	75	SOUTHEAST MARSHALL	967580	909	1 65897
94	269	GATES STREET	961X40	476	1 64706
95	176	TEXARKANA PLANT	967980	155	1 60000
96	181	CAREY	96NT6115	113	1 57522
97	196	CARTHAGE	9610240	1,046	1.56979
98	158	CENTER	968140	1,052	1 56749
99	172	MINEOLA	967130	990	1.56465
100	66	HARRISON ROAD	9611870	2,223	1 56140
101	194	NEW GLADEWATER	9611970	1,748	1.55149
102	221	GREGGTON	961V20	1,593	1 54237
103	79	COOKVILLE	961E60	121	1 52066
104	76	KILGORE	967860	383	1.50392
105	78	ATLANTA	968070	260	1 48462
106	29	KILGORE	967190	772	1 45725
107	55	SUPERIOR	963750	42	1 45238
108	230	39TH STREET	962630	1,325	1 44981
109	210	WINFIELD	962B70	581	1.44578
110	122	AIRLINE	961F00	1,187	1 43134
111	110	CLARKSVILLE	969190	1,085	1 42673
112	119	CARTHAGE	963350	518	1.42664
113	1	HAWKINS	966310	139	1 42446
114	185	POYNTER	963270	871	1 42135
115	243	MINEOLA	9610990	961	1.40583
116	77	MT VERNON	969130	456	1 38596
117	124	LAKE LAMOND	961380	1,929	1.38258
118	40	ROSEBOROUGH	9610090	24	1 37500
119	65	COOKVILLE	961E70	203	1 36453
120	41	TEXARKANA PLANT	967970	204	1 36275
121	27	SCOTTSVILLE	961J10	863	1 35689
122	203	LAKE LAMOND	966850	552	1.35326
123	249	SHAMROCK	96NT148	751	1 34754
124	220	MT PLEASANT	965370	1,237	1 33549
125	38	SOUTHEAST MARSHALL	9610180	1,420	1 31761
126	99	HARRISON ROAD	968040	2,270	1 29868
127	244	AIRLINE	961F10	799	1.29662
128	69	NEW BOSTON	969610	801	1 29588
129	127	SHAMROCK	96NT144	629	1.29571
130	132	AIRLINE	961S30	115	1 29565
131	136	TEXARKANA PLANT	967960	1,363	1 28320
132	204	SOUTHEAST LONGVIEW	961780	593	1 27825
133	225	WINNSBORO	962040	517	1 27660
134	53	SABINE	965110	466	1 23391
135	159	39TH STREET	961V60	603	1 23217
136	15	CITY LAKE	9619220	559	1 22719
137	145	LONGVIEW HEIGHTS	968440	225	1 20444
138	238	GREGGTON	962A90	565	1.19292
139	85	WELLINGTON	96NT1765	574	1 19164
140	273	PLEASANT HILL	9611894	22	1.18182

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Feeder-SAIFI

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2020 SAIFI Ranking	2019 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIFI Value
141	157	MINEOLA	963680	838	1 17184
142	63	PITTSBURG	968680	285	1.14737
143	36	39TH STREET	961V70	50	1 14000
144	205	GREGGTON	961F50	329	1 12462
145	60	ALBA	9612400	466	1.09227
146	14	POYNTER	967800	174	1.06897
147	67	NEW BOSTON	965140	1,431	1 06219
148	143	TEXARKANA OPERATIONS	9611630	687	1 06114
149	48	NAPLES SUB	968720	197	1 05584
150	45	RICHMOND ROAD	964020	923	1 03034
151	274	BALDWIN	962200	20	1.00000
152	272	12TH STREET	966180	50	0.98000
153	123	LINDEN	9610020	334	0.95509
154	33	RODESSA	9617310	264	0.95455
155	50	MARSHALL 69KV	96580	842	0.93943
156	138	LAKE LAMOND	964070	1,910	0.93665
157	207	BECKVILLE	961U50	350	0.90000
158	117	EVENSIDE	961F90	1,776	0.89752
159	237	SOUTHEAST MARSHALL	9610920	798	0.89599
160	80	RICHMOND ROAD	966980	1,434	0.87517
161	8	HOWELL	962B90	1,240	0 84516
162	94	BIG SANDY	967300	714	0.83193
163	26	LAKE LAMOND	964400	685	0 82336
164	88	AIRLINE	961E90	1,264	0.80538
165	22	HOWELL	962B80	425	0 80000
166	130	NASH	9615130	1,349	0 79689
167	64	CENTER	969520	1,101	0 78565
168	58	CARTHAGE	963370	510	0 77451
169	166	TATUM	9610840	747	0 76439
170	200	EVENSIDE	961G00	920	0 76413
171	223	DEKALB	963200	405	0 73827
172	71	BIG SANDY	967310	656	0 72256
173	31	NORTH MARSHALL	968660	637	0 70958
174	192	MEMPHIS	96NT3025	317	0.70032
175	171	WELLINGTON	96NT1770	275	0.69818
176	49	WASKOM	968180	643	0.69673
177	236	DEKALB	962440	527	0.69450
178	168	RED RIVER DEPOT	9612460	13	0.69231
179	224	AIRLINE	961N30	1,871	0 68145
180	73	IPC JEFFERSON	968020	911	0.68057
181	61	TAYLOR STREET	965080	469	0.68017
182	183	VIVIAN	968990	105	0.67619
183	114	TAYLOR STREET	969510	1,074	0.67598
184	233	LONGVIEW HEIGHTS	969000	856	0.64836
185	155	WEST MT PLEASANT	961G70	109	0.64220
186	112	TURNERTOWN	961B10	50	0.62000
187	106	LONGVIEW	965540	157	0 61783
188	193	NEW HOPE	968000	1,444	0.61565
189	98	MEMPHIS	96NT3335	1,129	0.60407

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AEP Southwestern Electric Power

2020 SAIFI Ranking	2019 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIFI Value
190	142	SPRINGHILL	968190	846	0 59456
191	96	TAYLOR STREET	967920	384	0 59115
192	240	MINEOLA	969360	523	0.58891
193	21	NORTH MARSHALL	967600	697	0.57245
194	255	KINGS HWY	969540	1,862	0 56821
195	125	WASKOM	967900	641	0.55070
196	264	GREGGTON	961F60	100	0.55000
197	147	MONROE CORNERS	966520	222	0.54955
198	82	LAKE LAMOND	968570	782	0 52941
199	251	CLARENDON	96NT4040	699	0.52074
200	121	TAYLOR STREET	966760	1,102	0 51270
201	257	NORTH MARSHALL	968670	865	0 49595
202	131	MARSHALL 69KV	964630	1,106	0 49548
203	109	CARTHAGE	963360	380	0.49211
204	228	ESTELLINE	96NT3535	116	0.49138
205	256	WELLINGTON	96NT3700	740	0 47703
206	4	RICHMOND ROAD	965290	1,347	0.47290
207	19	KILGORE	967850	111	0.46847
208	141	RICHMOND ROAD	961L40	396	0 46717
209	104	GATES STREET	961X70	320	0 45000
210	209	PITTSBURG	965460	1,412	0 44901
211	208	CLARKSVILLE	969210	800	0.44000
212	25	SOUTHEAST LONGVIEW	964190	269	0.43866
213	6	GILMER	962480	589	0 42105
214	154	ATLANTA	964460	1,209	0.41935
215	126	POYNTER	967680	849	0.41225
216	241	KINGS HWY	969040	923	0.40845
217	149	POYNTER	969550	291	0.40550
218	54	MORTON SALT	9615160	252	0.39286
219	146	BECKVILLE	969120	310	0 37097
220	118	39TH STREET	962640	520	0.35385
221	235	SPRINGHILL	966870	1,016	0.34744
222	92	HOWELL	962B60	142	0.33803
223	190	CITY LAKE	9619090	314	0.33439
224	113	NEW HOPE	962120	497	0.33199
225	259	PETTY	968370	183	0 31694
226	219	KILGORE	964650	502	0.31673
227	229	LONGVIEW HEIGHTS	969240	987	0 30902
228	81	HAWKINS	962520	402	0 30597
229	95	JEFFERSON 69KV	969340	974	0 29979
230	160	LONE STAR SHELL ORDNANCE	9616030	37	0.29730
231	222	GREGGTON	961F70	1,733	0 29371
232	206	DAINGERFIELD	961970	677	0 29247
233	211	DEKALB	962430	887	0.29200
234	217	TAYLOR STREET	964290	909	0 28823
235	23	WHITNEY	964420	506	0 28656
236	167	CLARKSVILLE	969180	470	0.27021
237	258	RED RIVER DEPOT	9612440	67	0.26866
238	275	NASH	9614710	15	0.26667

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Feeder-SAIFI

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2020 SAIFI Ranking	2019 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIFI Value
239	213	DAINGERFIELD	961960	1,158	0.25993
240	135	KILGORE	963150	614	0 24267
241	90	NAPLES SUB	963290	477	0.23690
242	179	TAYLOR STREET	96220	1,374	0.23144
243	199	TENAHA	962500	402	0.22388
244	163	ATLANTA	961U80	687	0.21689
245	NA	AIR PRODUCTS	961Y60	19	0.21053
246	13	HAWKINS	969410	196	0 16837
247	165	MT VERNON	969140	401	0 16459
248	150	CARTHAGE	965760	936	0.16453
249	265	CITY LAKE	9619210	97	0.15464
250	89	CLARENDON	96NT5005	836	0.15431
251	170	EVENSIDE	961G10	1,057	0 15232
252	276	39TH STREET	962610	132	0.14394
253	2	HOWELL	9613660	228	0 14035
254	267	LAKE LAMOND	969770	281	0.13879
255	134	MT VERNON	9612760	893	0.13774
256	201	SOUTHEAST MARSHALL	9610170	1,105	0 13575
257	248	CITY LAKE	9619120	448	0 13170
258	242	LAKE LAMOND	969440	308	0.12987
259	161	DAINGERFIELD	961950	164	0.12805
260	260	WEST MT PLEASANT	961G90	253	0 10672
261	254	NASH	9615120	867	0.10381
262	270	NASH	9614640	223	0.09417
263	231	LONGVIEW	965530	136	0.08088
264	262	PETTY	9611470	788	0 07487
265	252	LONGVIEW	965550	108	0 07407
266	97	MARSHALL 69KV	96590	737	0 04885
267	187	KILGORE	967870	490	0.04694
268	189	LOGANSPORT	965770	287	0.04530
269	102	WHITNEY	961A00	47	0.04255
270	175	12TH STREET	962230	90	0.03333
271	202	HALLSVILLE	9616240	1,111	0.02700
272	253	CENTER	962180	43	0.02326
273	177	JEFFERSON 69KV	969350	144	0.01389
274	271	LAKE LAMOND	966860	16	0.00000

Feeders from last year that are not in this year's list

2019 Ranking	Substation Identification	Feeder ID	Reason not in 2020
103	IPC DOMINO	966550	Less than 10 customers
234	LONE STAR POWER PLANT	966120	Less than 10 customers
261	LIEBERMAN	961X30	Less than 10 customers

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Distribution Feeder Indices for Forced Interruptions
List all Distribution Feeders on Texas System
With 10 or more Customers
Add or Delete Rows as Necessary

Total Number of Feeders: **274**

AEP Southwestern Electric Power

2020 SAIDI Ranking	2019 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIDI Value
1	96	HEDLEY	96NT5870	134	2,301.88060
2	28	GRAND SALINE	967120	859	2,137.55763
3	189	CAREY	96NT6115	113	1,887.07080
4	159	LINDEN	962540	928	1,781.66595
5	3	CLARKSVILLE	963670	117	1,545.23932
6	47	CLARKSVILLE	963660	151	1,458.49669
7	61	SUPERIOR	963750	42	1,256 90476
8	18	TURNERTOWN	961B00	24	1,204.95833
9	21	MONROE CORNERS	966510	70	1,177 30000
10	31	NAPLES SUB	968730	925	1,075.18486
11	53	TURNERTOWN	961B20	428	1,066.71028
12	225	HEDLEY	96NT5845	234	851 69658
13	36	FRIARS SWITCH	965790	415	843.86506
14	24	LONDON	965930	480	822.81667
15	11	LONDON	965950	306	782 74183
16	68	LONGVIEW	966770	1,063	763.15146
17	8	PETTY	9611460	512	750 96680
18	192	LONGVIEW	965510	574	746.96690
19	267	WEST MT PLEASANT	961L00	178	731.12921
20	114	FRIARS SWITCH	965780	146	705.90411
21	252	KNOX LEE	961U90	179	665 04469
22	49	LONDON	965940	332	658.25602
23	7	KILGORE	963090	388	642.86856
24	141	LINDEN	9610020	334	609.44012
25	46	WINNSBORO	961P00	811	587.54624
26	118	TENAHA	962510	354	581.98023
27	2	WESTWOOD	963710	44	525.27273
28	98	SUGAR HILL	962370	396	517.22222
29	67	FRIARS SWITCH	965920	248	479.58468
30	101	FRIARS SWITCH	961900	195	478 76923
31	72	KILGORE	967880	1,527	477 86509
32	90	MT PLEASANT	961930	1,129	458.05669
33	35	HARRISON ROAD	9611880	2,093	435.38509
34	226	SHAMROCK	96NT1835	233	431.98283
35	109	SPRINGHILL	968200	718	431.97911
36	218	LIBERTY CITY	967990	1,041	418.91162
37	190	POYNTER	967590	991	415.77901
38	75	GRAND SALINE	967110	1,189	399.07149
39	95	MT PLEASANT	965190	671	398.49925
40	32	WASKOM	967890	571	397.54816
41	137	HOOKS	9610950	499	395.72545
42	1	LEVERETTS CHAPEL	965700	145	388.33103
43	245	PLILER ROAD	9612470	3,053	384.05929
44	113	SHAMROCK	96NT144	629	383 96979

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2020 SAIDI Ranking	2019 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIDI Value
45	123	KILGORE	967860	383	372.38642
46	22	SCOTTSVILLE	961J30	478	370.39958
47	237	AIRLINE	961F10	799	369.55194
48	80	NORTH LANEVILLE	9610660	480	359 12292
49	111	CENTER	962190	1,004	356.93327
50	50	TURNERTOWN	961B10	50	355.04000
51	197	TENAHA	962500	402	351.54975
52	235	HUGHES SPRINGS	965650	550	349 52545
53	10	HAWKINS	962530	99	348.80808
54	15	ROSEBOROUGH	9610090	24	337.25000
55	163	TEXARKANA OPERATIONS	961S90	196	333.30102
56	92	PITTSBURG	965450	1,206	330 30182
57	242	SHAMROCK	96NT148	751	325 84820
58	195	CENTER	968140	1,052	320 93441
59	206	LAKE LAMOND	969430	587	320 48041
60	45	PLILER ROAD	9610370	3,450	317.50203
61	172	LONGVIEW HEIGHTS	968430	484	313 37397
62	43	NEW GLADEWATER	9611980	1,080	301 61481
63	153	TEXARKANA OPERATIONS	961S80	979	296.89173
64	17	GILMER	962450	930	296.72796
65	134	SABINE	965130	1,527	295.97446
66	63	SABINE	965120	101	295.54455
67	191	LONGVIEW HEIGHTS	969000	856	292.85397
68	154	EVENSIDE	961F90	1,776	291 25338
69	171	TEXARKANA PLANT	967980	155	288 50323
70	187	HALLSVILLE	9616250	795	287 22264
71	204	WHITNEY	961490	1,452	281.07025
72	52	GILMER	962490	1,580	279.84937
73	62	LONGVIEW	965520	1,198	276 88898
74	155	MT PLEASANT	965360	689	276 75617
75	54	NEW BOSTON	969620	379	275.78628
76	199	MARSHALL 69KV	962000	234	274 04274
77	268	MT PLEASANT	961920	139	265 99281
78	223	WINNSBORO	962040	517	263 96325
79	40	WHITNEY	961480	1,626	261.48708
80	176	TEXARKANA OPERATIONS	967240	1,004	258 63745
81	274	BALDWIN	962200	20	257 00000
82	227	NORTH MINEOLA	965380	349	256 65330
83	165	NORTH MARSHALL	969800	1,065	254.57746
84	130	RICHMOND ROAD	968050	1,311	252 39436
85	129	SOUTHEAST MARSHALL	9610160	1,841	245 92450
86	23	PITTSBURG	968680	285	244.34035
87	55	LOUISIANA PACIFIC	968030	422	241.96919
88	14	LEVERETTS CHAPEL	965200	431	231 60557
89	175	GATES STREET	961X60	370	230 00811
90	125	KINGS HWY	969030	917	228 45147
91	229	WINNSBORO	962050	1,176	227 26446
92	4	LEVERETTS CHAPEL	9610850	370	225 87568

AEP Southwestern Electric Power

2020 SAIDI Ranking	2019 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIDI Value
93	180	EVENSIDE	961G00	920	224 71957
94	104	BLOOMBURG	967350	338	222 73077
95	143	POYNTER	963270	871	221 34214
96	79	HALLSVILLE	9615920	876	221 06849
97	76	COOKVILLE	961E70	203	219 06897
98	136	LAKE LAMOND	961380	1,929	213.68948
99	27	CLARKSVILLE	969200	658	211 03799
100	126	VIVIAN	968980	46	209 82609
101	93	TEXARKANA PLANT	967970	204	209.44118
102	149	HOOKS	9610960	1,330	204.34436
103	37	COOKVILLE	961E60	121	200.77686
104	214	VIVIAN	968990	105	200.16190
105	208	SOUTHEAST MARSHALL	9610920	798	195.25313
106	38	CITY LAKE	9619220	559	192 91771
107	179	SOUTHEAST LONGVIEW	961780	593	186 53626
108	168	MEMPHIS	96NT3025	317	186 17350
109	210	NEW BOSTON	961620	969	180.54283
110	89	SCOTTSVILLE	961J10	863	180 31866
111	78	BIG SANDY	967300	714	177.96078
112	25	HOWELL	962B90	1,240	177 65403
113	56	HARRISON ROAD	968040	2,270	177.00308
114	177	MT PLEASANT	965370	1,237	176.54163
115	71	POYNTER	967800	174	176 33908
116	241	TEXARKANA PLANT	966570	76	175 59211
117	58	NAPLES SUB	968720	197	174 57360
118	162	LAKE LAMOND	964070	1,910	172.49110
119	255	HUGHES SPRINGS	961Z00	773	172 48124
120	151	ATLANTA	962150	631	169 98098
121	211	WINFIELD	962B70	581	169 11188
122	74	CARTHAGE	9610240	1,046	166 09656
123	256	CLARENDON	96NT4040	699	163.52933
124	183	NEW GLADEWATER	9611970	1,748	163.46911
125	59	WELLINGTON	96NT1765	574	161.77526
126	185	BECKVILLE	961U50	350	161.60286
127	119	CARTHAGE	963360	380	156 79474
128	216	AIRLINE	961N30	1,871	156 70176
129	205	RED RIVER DEPOT	9612460	13	153 15385
130	249	TEXARKANA OPERATIONS	967830	866	149 07852
131	9	LOUISIANA PACIFIC	962260	735	148 44218
132	169	GREGGTON	961F50	329	147 25836
133	144	WINFIELD	964100	97	144 96907
134	152	AIRLINE	961S30	115	140 75652
135	128	MARSHALL 69KV	96580	842	140 56770
136	41	SOUTHEAST MARSHALL	9610180	1,420	140 41620
137	232	PLILER ROAD	9610380	1,845	139 91599
138	6	KILGORE	967190	772	139 77591
139	66	RICHMOND ROAD	966980	1,434	135 30823
140	200	DEKALB	962440	527	134 70778
141	121	WHITNEY	964080	825	132.87758

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2020 SAIDI Ranking	2019 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIDI Value
142	86	SPRINGHILL	968190	846	131.21040
143	108	LONGVIEW HEIGHTS	961B40	1,767	126.53311
144	264	GATES STREET	961X40	476	125.54622
145	150	TEXARKANA PLANT	967960	1,363	125 33309
146	57	LAKE LAMOND	964400	685	117 62190
147	207	39TH STREET	961V60	603	116.71144
148	51	NORTH MARSHALL	967600	697	116.37590
149	133	HARRISON ROAD	9611870	2,223	115 97031
150	88	WASKOM	968180	643	115.89425
151	182	KILGORE	964650	502	115 07968
152	156	LONGVIEW HEIGHTS	968440	225	114 54667
153	220	WHITNEY	964090	1,041	110.49664
154	116	POYNTER	967680	849	110.38634
155	148	NEW HOPE	968000	1,444	109.04986
156	161	CARTHAGE	963350	518	108.07529
157	203	LONGVIEW HEIGHTS	969240	987	105.90274
158	100	MEMPHIS	96NT3335	1,129	100 31355
159	115	WASKOM	967900	641	98.89080
160	244	MINEOLA	969360	523	96.86424
161	87	CENTER	969520	1,101	95 81562
162	NA	AIR PRODUCTS	961Y60	19	95.78947
163	131	ATLANTA	968070	260	95.63462
164	174	39TH STREET	962630	1,325	95 30717
165	102	RICHMOND ROAD	964020	923	95.17118
166	91	CLARKSVILLE	969190	1,085	94 96682
167	124	SOUTHEAST MARSHALL	967580	909	93.05061
168	217	GREGGTON	961V20	1,593	93.02197
169	158	ATLANTA	962140	1,745	91 19828
170	82	BIG SANDY	967310	656	87 66006
171	26	ALBA	9612400	466	86 50429
172	170	TEXARKANA OPERATIONS	9611630	687	85 83697
173	194	LAKE LAMOND	966850	552	85.18297
174	20	SABINE	965110	466	82 95064
175	269	CITY LAKE	9619210	97	81.03093
176	42	RICHMOND ROAD	965290	1,347	80 93987
177	222	DEKALB	963200	405	80 71852
178	70	AIRLINE	961E90	1,264	80 58149
179	5	KILGORE	967850	111	79 63964
180	188	TATUM	9610840	747	78 44980
181	234	GREGGTON	962A90	565	78.06726
182	48	HAWKINS	962520	402	77.90050
183	160	MINEOLA	967130	990	77 88889
184	60	NEW BOSTON	965140	1,431	76.54368
185	212	ESTELLINE	96NT3535	116	75.89655
186	105	CLARKSVILLE	969210	800	74.54250
187	33	MORTON SALT	9615160	252	73 84921
188	146	TAYLOR STREET	969510	1,074	72 43296
189	69	CARTHAGE	963370	510	72 27843
190	99	TAYLOR STREET	965080	469	69 85075

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2020 SAIDI Ranking	2019 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIDI Value
191	103	IPC JEFFERSON	968020	911	69.71021
192	273	PLEASANT HILL	9611894	22	68 54545
193	30	HOWELL	962B80	425	68.11765
194	81	AIRLINE	961F00	1,187	67.10447
195	84	39TH STREET	961V70	50	66.52000
196	251	KINGS HWY	969040	923	66.14085
197	44	NORTH MARSHALL	968660	637	65.47096
198	250	POYNTER	969550	291	65.35395
199	196	NEW BOSTON	969610	801	64.41199
200	110	MT VERNON	969130	456	63.09649
201	12	HAWKINS	966310	139	58.78417
202	219	WELLINGTON	96NT1770	275	58 76000
203	157	CITY LAKE	9619090	314	57 56051
204	243	MINEOLA	9610990	961	55 05931
205	261	GREGGTON	961F60	100	53 54000
206	181	DAINGERFIELD	961970	677	52.94682
207	138	LAKE LAMOND	968570	782	52 49744
208	65	GATES STREET	961X70	320	49 39063
209	193	PITTSBURG	965460	1,412	48 00283
210	142	MARSHALL 69KV	964630	1,106	47 40958
211	186	SPRINGHILL	966870	1,016	47 06890
212	29	MONROE CORNERS	966520	222	46 37838
213	257	KINGS HWY	969540	1,862	45 66434
214	19	GILMER	962480	589	45 43973
215	132	TAYLOR STREET	967920	384	43 05990
216	238	PETTY	968370	183	42 21858
217	263	WELLINGTON	96NT3700	740	42 15541
218	272	12TH STREET	966180	50	42.14000
219	145	39TH STREET	962640	520	40.61346
220	147	JEFFERSON 69KV	969340	974	39 69405
221	106	RODESSA	9617310	264	39 35606
222	209	DAINGERFIELD	961960	1,158	39 01641
223	85	ATLANTA	964460	1,209	38 97105
224	73	SOUTHEAST LONGVIEW	964190	269	37.36431
225	230	NASH	9615130	1,349	37.26093
226	64	NEW HOPE	962120	497	35 58149
227	167	LONE STAR SHELL ORDNANCE	9616030	37	35.24324
228	107	TAYLOR STREET	966760	1,102	35.21597
229	260	NORTH MARSHALL	968670	865	34.92832
230	112	NAPLES SUB	963290	477	34 92662
231	139	WEST MT PLEASANT	961G70	109	34.00000
232	77	HOWELL	962B60	142	31 33803
233	94	CLARKSVILLE	969180	470	30 41702
234	202	LONGVIEW	965530	136	28.94118
235	233	DEKALB	962430	887	28 73281
236	178	BECKVILLE	969120	310	25 63226
237	173	ATLANTA	961U80	687	24 56186
238	239	TAYLOR STREET	96220	1,374	24.18268
239	248	TAYLOR STREET	964290	909	22.85919

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2020 SAIDI Ranking	2019 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2020 SAIDI Value
240	127	RICHMOND ROAD	961L40	396	22.45707
241	34	HAWKINS	969410	196	21.69898
242	228	GREGGTON	961F70	1,733	21 27640
243	201	DAINGERFIELD	961950	164	21 06707
244	164	CARTHAGE	965760	936	19 80021
245	240	RED RIVER DEPOT	9612440	67	18 20896
246	83	MT VERNON	969140	401	18.01995
247	270	NASH	9614640	223	17.67265
248	276	39TH STREET	962610	132	16.76515
249	275	NASH	9614710	15	16.00000
250	224	MINEOLA	963680	838	15.79356
251	16	WHITNEY	964420	506	15.76285
252	215	EVENSIDE	961G10	1,057	15.38600
253	135	KILGORE	963150	614	15.18893
254	140	CLARENDON	96NT5005	836	15.11603
255	213	12TH STREET	962230	90	14 20000
256	221	MT VERNON	9612760	893	13 62710
257	247	CITY LAKE	9619120	448	12 87277
258	265	PETTY	9611470	788	12 25635
259	198	SOUTHEAST MARSHALL	9610170	1,105	11.53937
260	254	LAKE LAMOND	969770	281	11.30605
261	262	WEST MT PLEASANT	961G90	253	10.84585
262	13	HOWELL	9613660	228	9 32018
263	231	LAKE LAMOND	969440	308	8 69481
264	246	LONGVIEW	965550	108	8.44444
265	258	NASH	9615120	867	6 29066
266	122	LONGVIEW	965540	157	6 28025
267	39	LOGANSPORT	965770	287	5 66899
268	120	MARSHALL 69KV	96590	737	4 14383
269	117	HALLSVILLE	9616240	1,111	3.34833
270	236	KILGORE	967870	490	2.98776
271	259	CENTER	962180	43	2.81395
272	166	WHITNEY	961A00	47	2.29787
273	253	JEFFERSON 69KV	969350	144	1.62500
274	271	LAKE LAMOND	966860	16	0.00000

Feeders from last year that are not in this year's list

2019 Ranking	Substation Identification	Feeder ID	Reason not in 2020
97	IPC DOMINO	966550	Less than 10 customers
184	LONE STAR POWER PLANT	966120	Less than 10 customers
266	LIEBERMAN	961X30	Less than 10 customers

AEP Southwestern Electric Power

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause

2020 Reporting Year

Causes of Forced Interruptions	Percentage
Vegetation	34.8%
Weather (including lightning)	32.6%
Animals and Birds	15.0%
Utility-Owned Equipment	6.7%
Unknown	4 9%
People (including cars and farm eqpt)	3 4%
Other	2 5%