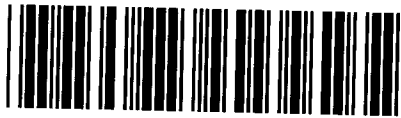




Control Number: 45516



Item Number: 10

Addendum StartPage: 0

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PUBLIC UTILITY COMMISSION  
FILING CLERK

**Service Quality Report**  
**To The**  
**Public Utility Commission of Texas**  
**In Accordance With**  
**Substantive Rule §25.81**  
**2015 Reporting Year**

**AEP Southwestern Electric Power**

**Project 45516**

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

<b>System SAIFI</b>	<b>Annual</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Forced</b>													
<b>2015</b>	1.70902	0.072	0.053	0.071	0.234	0.214	0.190	0.137	0.206	0.095	0.161	0.118	0.160
<b>Scheduled</b>													
<b>2015</b>	0.02191	0.000	0.002	0.001	0.001	0.002	0.005	0.001	0.001	0.004	0.001	0.003	0.001
<b>Outside Causes</b>													
<b>2015</b>	0.25329	0.001	0.029	0.000	0.032	0.028	0.017	0.053	0.040	0.004	0.026	0.018	0.006
<b>Major Events</b>													
<b>2015</b>	0.72628	0.000	0.154		0.064	0.292					0.000	0.090	0.127

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

<b>System SAIDI</b>	<b>Annual</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Forced</b>													
<b>2015</b>	206.05751	8.08	4.95	7.15	42.40	27.19	19.29	16.16	23.17	6.93	17.02	12.33	21.40
<b>Scheduled</b>													
<b>2015</b>	2.24971	0.04	0.28	0.06	0.08	0.08	0.56	0.11	0.29	0.30	0.21	0.10	0.15
<b>Outside Causes</b>													
<b>2015</b>	22.58319	0.17	4.06	0.00	2.36	2.02	1.99	3.39	3.93	0.32	3.02	0.38	0.93
<b>Major Events</b>													
<b>2015</b>	363.66324	0.02	38.25		15.17	205.79					0.00	19.25	85.18

## 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

276

Add or Delete Rows as Necessary

### AEP Southwestern Electric Power

2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
1	20	MT PLEASANT	961920	138	12.52899
2	139	HEDLEY	96NT5870	138	7.58696
3	38	RICHMOND ROAD	964020	907	7.21279
4	74	SABINE	965120	99	7.15152
5	39	LEVERETTS CHAPEL	965700	150	6.20667
6	130	NORTH LANEVILLE	9610660	457	6.06346
7	61	SUPERIOR	963750	49	5.65306
8	45	TURNERTOWN	961B10	53	5.11321
9	110	FRIARS SWITCH	961900	187	4.96257
10	7	SABINE	965130	1,468	4.96253
11	73	LONDON	965950	316	4.95253
12	263	HEDLEY	96NT5845	249	4.84739
13	201	PLILER ROAD	9610380	1,764	4.79819
14	26	POYNTER	967590	994	4.63179
15	25	CLARKSVILLE	963660	149	4.27517
16	29	NEW BOSTON	969610	814	4.26781
17	212	WESTWOOD	963710	46	4.26087
18	71	ATLANTA	964460	1,160	4.14138
19	85	FRIARS SWITCH	965790	412	4.11408
20	253	ATLANTA	968070	253	4.07510
21	240	CLARKSVILLE	969210	783	3.97190
22	58	GREGGTON	961F50	348	3.86494
23	176	MT VERNON	9612760	874	3.81236
24	19	KILGORE	967190	768	3.64974
25	62	CLARKSVILLE	969200	711	3.61181
26	67	LOGANSPOUT	965770	284	3.58099
27	12	FRIARS SWITCH	965780	140	3.54286
28	241	TATUM	9610840	731	3.54036
29	152	SABINE	965110	450	3.52000
30	47	HAWKINS	962520	396	3.50505
31	121	WELLINGTON	96NT1770	282	3.48227
32	82	HUGHES SPRINGS	965650	555	3.42162
33	23	LONGVIEW	965510	584	3.41952
34	132	EVENSIDE	961G10	1,056	3.37689
35	178	LOUISIANA PACIFIC	968030	416	3.35577
36	205	NORTH MARSHALL	967600	734	3.35014
37	96	39TH STREET	962630	1,301	3.30669
38	262	HALLSVILLE	9615920	555	3.15495
39	122	CLARKSVILLE	963670	116	3.14655
40	32	CLARKSVILLE	969190	1,061	3.13855
41	192	HOWELL	962B90	1,328	3.07605
42	99	MINEOLA	967130	951	3.06730
43	115	MINEOLA	9610990	913	3.05257
44	31	TEXARKANA OPERATIONS	961S80	966	3.02277
45	3	TURNERTOWN	961B20	407	2.99263
46	86	HOWELL	9613660	231	2.97403
47	37	LEVERETTS CHAPEL	9610850	348	2.96552
48	120	MINEOLA	969360	473	2.93869
49	57	HOOKS	9610960	1,336	2.92365
50	18	NEW BOSTON	969620	353	2.91501
51	5	EVENSIDE	961G00	813	2.90283
52	145	SHAMROCK	96NT148	983	2.89929

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
53	196	KINGS HWY	969030	904	2.81416
54	170	CARTHAGE	963360	386	2.80052
55	124	KNOX LEE	961U90	170	2.80000
56	140	POYNTER	967680	868	2.78802
57	69	NEW GLADEWATER	9611980	1,071	2.77778
58	127	CENTER	969520	1,086	2.77348
59	186	GATES STREET	961X70	312	2.72756
60	15	GRAND SALINE	967120	1,968	2.68496
61	202	GILMER	962480	582	2.63402
62	213	DEKALB	962440	527	2.62998
63	195	TEXARKANA PLANT	967960	1,370	2.59927
64	21	NEW BOSTON	965140	1,432	2.54539
65	84	NEW GLADEWATER	9611970	1,673	2.53258
66	165	TEXARKANA OPERATIONS	9611630	615	2.52358
67	197	SOUTHEAST MARSHALL	967580	928	2.44504
68	167	LONGVIEW HEIGHTS	968430	773	2.40492
69	245	GREGGTON	961F70	1,679	2.39309
70	171	ATLANTA	962150	613	2.38825
71	153	GILMER	962450	877	2.37400
72	231	HALLSVILLE	9616250	787	2.33672
73	43	WASKOM	967890	575	2.31826
74	141	MT PLEASANT	965370	1,198	2.30634
75	114	MARSHALL	96580	853	2.28136
76	30	CLARENDON	96NT5005	818	2.27262
77	128	NAPLES	968730	914	2.23414
78	177	MONROE CORNERS	966520	217	2.21659
79	220	WELLINGTON	96NT3700	749	2.19893
80	252	CLARKSVILLE	969180	474	2.19831
81	254	HALLSVILLE	9616240	939	2.16826
82	129	WELLINGTON	96NT1765	569	2.16344
83	90	LIBERTY CITY	967990	979	2.16241
84	16	LAKE LAMOND	969440	356	2.15169
85	221	CARTHAGE	965760	940	2.09681
86	135	KILGORE	967850	109	2.06422
87	266	JEFFERSON 69KV	969350	139	2.01439
88	52	HAWKINS	962530	96	2.00000
89	208	ATLANTA	962140	1,729	1.95836
90	235	SHAMROCK	96NT144	670	1.93731
91	94	PLILER ROAD	9612470	2,773	1.93725
92	184	GILMER	962490	1,566	1.93359
93	10	LONDON	965930	467	1.92291
94	163	EVENSIDE	961F90	1,748	1.87529
95	93	HOOKS	9610950	493	1.87018
96	198	POYNTER	967800	177	1.85311
97	27	KILGORE	967880	1,534	1.83246
98	137	BIG SANDY	967310	649	1.82743
99	154	AIRLINE	961S30	117	1.76923
100	147	DEKALB	963200	384	1.75781
101	228	HARRISON ROAD	968040	2,296	1.74129
102	224	DAINGERFIELD	961960	1,136	1.73856
103	66	NASH	9615130	1,130	1.72743
104	169	HOWELL	962B60	151	1.70861
105	181	RED RIVER DEPOT	9612460	13	1.69231
106	60	BIG SANDY	967300	677	1.68833
107	81	HOWELL	962B80	423	1.68322
108	233	ATLANTA	961U80	679	1.66568
109	191	CARTHAGE	963370	516	1.65310

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
110	33	AIRLINE	961N30	1,830	1.63607
111	36	KILGORE	967860	383	1.61619
112	106	TAYLOR STREET	966760	1,118	1.61181
113	200	TEXARKANA OPERATIONS	967240	923	1.57096
114	248	GREGGTON	961V20	1,568	1.54719
115	168	TEXARKANA OPERATIONS	967830	869	1.54661
116	133	KILGORE	964650	517	1.52031
117	159	SCOTTSVILLE	961J30	479	1.51148
118	189	PITTSBURG	965450	1,166	1.51029
119	24	TURNERTOWN	961B00	24	1.50000
120	193	NORTH MARSHALL	968660	608	1.49836
121	51	KILGORE	967870	485	1.49691
122	41	WHITNEY	961490	1,464	1.47268
123	100	TAYLOR STREET	967920	397	1.46096
124	236	LAKE LAMOND	964070	1,868	1.45878
125	160	MARSHALL	962000	240	1.45417
126	182	GREGGTON	962A90	580	1.44483
127	126	ESTELLINE	96NT3535	124	1.44355
128	109	GRAND SALINE	967110	278	1.44245
129	103	MINEOLA	963680	842	1.43587
130	207	SPRINGHILL	966870	962	1.41268
131	136	WHITNEY	964080	817	1.39902
132	101	MONROE CORNERS	966510	63	1.39683
133	8	MT PLEASANT	965190	633	1.39021
134	17	KILGORE	963090	395	1.38481
135	91	WINNSBORO	962040	425	1.37412
136	226	LAKE LAMOND	961380	1,888	1.37182
137	123	WINNSBORO	961P00	799	1.36546
138	107	39TH STREET	961V70	52	1.36538
139	50	NORTH MARSHALL	968670	829	1.36429
140	246	TEXARKANA OPERATIONS	961S90	190	1.35789
141	260	GATES STREET	961X40	387	1.35401
142	48	LOUISIANA PACIFIC	962260	691	1.35166
143	150	RICHMOND ROAD	968050	1,283	1.34918
144	237	NORTH MINEOLA	965380	317	1.33754
145	216	NASH	9615120	762	1.33333
146	210	SUGAR HILL	962370	363	1.33058
147	53	NEW HOPE	968000	1,378	1.32583
148	251	CENTER	962190	1,034	1.30851
149	209	WASKOM	968180	653	1.29096
150	77	TAYLOR STREET	964290	920	1.28913
151	211	WEST MT PLEASANT	961G70	105	1.25714
152	72	VIVIAN	968990	102	1.24510
153	125	LONGVIEW	966770	1,053	1.24217
154	22	WINNSBORO	962050	1,139	1.23793
155	222	LONDON	965940	328	1.23780
156	11	AIRLINE	961F10	816	1.23284
157	40	KILGORE	963150	603	1.23217
158	143	PILGRIMS PRIDE	966150	828	1.21739
159	89	LAKE LAMOND	968570	755	1.21060
160	134	MARSHALL	96590	737	1.18046
161	75	PITTSBURG	968680	280	1.17857
162	76	WHITNEY	964420	492	1.15650
163	180	ALBA	9612400	598	1.15217
164	242	TEXARKANA PLANT	967980	163	1.12883
165	247	CARTHAGE	9610240	1,041	1.12584
166	148	39TH STREET	961V60	587	1.12095

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
167	218	CARTHAGE	963350	506	1.11265
168	259	39TH STREET	962640	509	1.11002
169	173	LONE STAR POWER PLANT	966120	13	1.07692
170	88	PLILER ROAD	9610370	3,252	1.05904
171	172	POYNTER	963270	856	1.04322
172	108	TAYLOR STREET	96220	1,358	1.04197
173	42	DAINGERFIELD	961970	673	1.03566
174	204	WEST MT PLEASANT	961L00	173	1.02890
175	190	RICHMOND ROAD	966980	1,459	1.01302
176	267	PLEASANT HILL	9611894	20	1.00000
177	225	RODESSA	962700	269	0.98885
178	158	SOUTHEAST LONGVIEW	964190	255	0.96471
179	1	LIEBERMAN	961X30	11	0.90909
180	118	DEKALB	962430	880	0.86932
181	104	TAYLOR STREET	965080	489	0.83436
182	68	RICHMOND ROAD	961L40	292	0.81164
183	188	LONGVIEW HEIGHTS	969000	853	0.81008
184	144	LONGVIEW	965550	113	0.79646
185	95	HAWKINS	966310	140	0.77143
186	4	LEVERETTS CHAPEL	965200	425	0.76471
187	98	TAYLOR STREET	969510	1,079	0.75255
188	13	HARRISON ROAD	9611880	2,095	0.73699
189	64	LONGVIEW	965540	122	0.72951
190	187	VIVIAN	968980	47	0.72340
191	54	WHITNEY	964090	1,085	0.70507
192	97	HUGHES SPRINGS	961Z00	749	0.69559
193	119	LAKE LAMOND	964400	720	0.67639
194	269	PETTY	968370	148	0.66892
195	78	NEW HOPE	962120	481	0.64657
196	14	SPRINGHILL	968190	845	0.63432
197	175	RICHMOND ROAD	965290	1,347	0.62955
198	34	MEMPHIS	96NT3025	315	0.61587
199	6	LINDEN	962540	937	0.60299
200	219	JEFFERSON 69KV	969340	962	0.60187
201	162	SPRINGHILL	968200	637	0.59655
202	117	WINFIELD	962B70	567	0.59612
203	83	LINDEN	9610020	339	0.58702
204	166	KINGS HWY	969540	1,806	0.57863
205	250	WINFIELD	964100	110	0.54545
206	155	PETTY	9611470	569	0.54130
207	49	NAPLES	963290	476	0.52941
208	111	SOUTHEAST MARSHALL	9610180	1,380	0.52899
209	265	CAREY	96NT6115	109	0.51376
210	264	12TH STREET	962230	92	0.48913
211	46	LONGVIEW HEIGHTS	968440	230	0.48261
212	229	39TH STREET	962610	124	0.47581
213	243	SOUTHEAST MARSHALL	9610170	1,715	0.46822
214	206	BLOOMBURG	967350	331	0.45317
215	87	BALDWIN	962200	20	0.45000
216	9	LONGVIEW	965520	1,219	0.44627
217	217	NAPLES	968720	207	0.44444
218	65	WHITNEY	961480	1,603	0.43481
219	239	AIRLINE	961F00	995	0.43417
220	244	FRIARS SWITCH	965920	234	0.42308
221	102	KINGS HWY	969040	924	0.41667
222	194	TENAHA	962510	336	0.41071
223	2	HARRISON ROAD	9611870	2,130	0.40563



Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

2015 SAIFI Ranking	2014 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIFI Value
224	28	NEW BOSTON	961620	943	0.38918
225	230	NORTH MARSHALL	969800	1,064	0.38628
226	149	LONGVIEW HEIGHTS	961B40	1,551	0.38298
227	112	HAWKINS	969410	191	0.37696
228	92	BECKVILLE	969120	299	0.35786
229	227	IPC JEFFERSON	968020	886	0.34537
230	56	CENTER	968140	1,082	0.32994
231	238	SHAMROCK	96NT1835	91	0.32967
232	55	PETTY	9611460	601	0.32612
233	183	RED RIVER DEPOT	9612440	71	0.32394
234	116	LAKE LAMOND	969430	585	0.30940
235	174	WASKOM	967900	640	0.30469
236	185	TENAHA	962500	426	0.30282
237	35	SOUTHEAST LONGVIEW	961780	575	0.28174
238	142	LAKE LAMOND	969770	281	0.27758
239	156	AIRLINE	961E90	1,269	0.26556
240	214	CLARENDON	96NT4040	688	0.26453
241	234	POYNTER	969550	307	0.24104
242	44	BECKVILLE	961U50	351	0.22222
243	105	SCOTTSVILLE	961J10	828	0.21739
244	199	COOKVILLE	961E70	195	0.20513
245	113	LONE STAR SHELL ORDNANCE	9616030	20	0.20000
246	257	MT VERNON	969140	394	0.19543
247	131	SOUTHEAST MARSHALL	9610920	781	0.19206
248	59	PITTSBURG	965460	1,366	0.18960
249	138	LAKE LAMOND	966850	560	0.18750
250	258	SOUTHEAST MARSHALL	9610160	1,838	0.16812
251	79	DAINGERFIELD	961950	162	0.16667
252	80	LONGVIEW HEIGHTS	969240	970	0.15567
253	232	MT PLEASANT	965360	253	0.15415
254	255	GATES STREET	961X60	324	0.15123
255	63	MT PLEASANT	961930	761	0.14849
256	164	TEXARKANA PLANT	966570	75	0.14667
257	215	MT VERNON	969130	464	0.13578
258	261	MEMPHIS	96NT3335	1,120	0.13304
259	146	MARSHALL	964630	474	0.13080
260	256	TEXARKANA PLANT	967970	220	0.12273
261	249	ROSEBOROUGH	9610090	17	0.11765
262	161	COOKVILLE	961E60	114	0.09649
263	270	IPC 69KV	961R60	36	0.08333
264	70	NASH	9614640	28	0.07143
265	223	WEST MT PLEASANT	961G90	254	0.07087
266	157	WHITNEY	961A00	46	0.06522
267	271	CENTER	962180	41	0.04878
268	151	LONGVIEW	965530	144	0.04861
269	272	LAKE LAMOND	966860	32	0.03125
270	203	GREGGTON	961F60	101	0.02970
271	268	12TH STREET	966180	48	0.02083
272	new	CITY LAKE	9619120	431	0.00696
273	179	NASH	9614710	14	-
274	new	CITY LAKE	9619090	295	-
275	new	CITY LAKE	9619210	94	-
276	new	CITY LAKE	9619220	537	-

## 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

Total Number of Feeders

276

Add or Delete Rows as Necessary

### AEP Southwestern Electric Power

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
1	166	WESTWOOD	963710	46	2,432.93478
2	11	TURNERTOWN	961B10	53	2,070.96226
3	7	SUPERIOR	963750	49	1,731.24490
4	77	MT PLEASANT	961920	138	1,639.41304
5	72	SABINE	965120	99	1,379.06061
6	188	HEDLEY	96NT5870	138	1,332.50000
7	148	LONE STAR POWER PLANT	966120	13	1,162.61538
8	175	NORTH LANEVILLE	9610660	457	1,132.88403
9	47	LEVERETTS CHAPEL	965700	150	1,049.02000
10	16	LOGANSPOUT	965770	284	996.11620
11	19	CLARKSVILLE	963660	149	902.17450
12	105	LONDON	965950	316	829.41456
13	65	CLARKSVILLE	963670	116	827.25862
14	264	HEDLEY	96NT5845	249	768.57028
15	160	SABINE	965110	450	704.60889
16	37	LEVERETTS CHAPEL	9610850	348	693.24425
17	52	VIVIAN	968990	102	657.00980
18	82	SHAMROCK	96NT148	983	640.24008
19	113	KNOX LEE	961U90	170	638.78235
20	61	WELLINGTON	96NT1770	282	621.84752
21	42	CLARKSVILLE	969200	711	615.46554
22	50	HUGHES SPRINGS	965650	555	610.39820
23	129	FRIARS SWITCH	965790	412	591.08495
24	80	FRIARS SWITCH	961900	187	583.54011
25	106	MINEOLA	967130	951	564.72871
26	204	DAINGERFIELD	961960	1,136	563.27553
27	32	NEW GLADEWATER	9611980	1,071	562.80579
28	28	SABINE	965130	1,468	533.55177
29	17	TURNERTOWN	961B20	407	529.07371
30	135	NEW BOSTON	969610	814	527.74447
31	38	LONGVIEW	965510	584	509.76884
32	226	CLARKSVILLE	969210	783	493.73563
33	161	PLILER ROAD	9610380	1,764	476.77551
34	87	CLARKSVILLE	969190	1,061	467.30349
35	5	DAINGERFIELD	961970	673	455.87667
36	259	ATLANTA	968070	253	448.45059
37	255	HALLSVILLE	9616240	939	426.92865
38	31	HAWKINS	962520	396	409.22475
39	138	MT VERNON	9612760	874	405.59954
40	127	GILMER	962450	877	404.95667
41	187	POYNTER	967680	868	401.06912
42	25	LAKE LAMOND	969440	356	393.78090
43	91	WHITNEY	964420	492	393.29675
44	20	KILGORE	967190	768	389.28776
45	157	LOUISIANA PACIFIC	968030	416	378.40144
46	62	HAWKINS	962530	96	375.78125
47	40	GRAND SALINE	967110	278	369.84892
48	43	TURNERTOWN	961B00	24	369.04167
49	136	WELLINGTON	96NT1765	569	366.05975
50	130	GATES STREET	961X70	312	364.73077
51	104	DEKALB	963200	384	351.90625
52	246	TATUM	9610840	731	347.46512
53	232	WELLINGTON	96NT3700	749	346.39920
54	46	CARTHAGE	963360	386	345.17876
55	86	RICHMOND ROAD	964020	907	340.68578
56	90	KILGORE	967850	109	322.60550

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
57	112	ATLANTA	964460	1,160	320.75862
58	207	DEKALB	962440	527	317.20873
59	60	NEW BOSTON	969620	353	315.99717
60	165	ATLANTA	962150	613	309.87113
61	172	CENTER	969520	1,086	300.46869
62	83	BIG SANDY	967300	677	300.42541
63	102	EVENSIDE	961F90	1,748	297.63158
64	53	NEW HOPE	968000	1,378	296.20972
65	252	CENTER	962190	1,034	292.86364
66	231	PILGRIMS PRIDE	966150	828	292.11957
67	131	39TH STREET	962630	1,301	290.75019
68	14	FRIARS SWITCH	965780	140	288.27143
69	155	LONGVIEW HEIGHTS	968430	773	287.70505
70	137	HOWELL	962B90	1,328	283.19352
71	134	GILMER	962490	1,566	279.73627
72	125	LIBERTY CITY	967990	979	279.29622
73	71	TEXARKANA OPERATIONS	961S80	966	277.98033
74	216	TEXARKANA OPERATIONS	967240	923	276.63272
75	51	MINEOLA	9610990	913	275.24973
76	256	CLARKSVILLE	969180	474	274.89030
77	9	NEW BOSTON	965140	1,432	272.15223
78	174	LONGVIEW HEIGHTS	969000	853	269.50293
79	181	SHAMROCK	96NT144	670	269.14478
80	261	HALLSVILLE	9615920	555	265.14955
81	128	NEW GLADEWATER	9611970	1,673	262.47998
82	209	NORTH MARSHALL	968660	608	261.93092
83	163	BIG SANDY	967310	649	261.65177
84	146	POYNTER	963270	856	258.11799
85	3	GRAND SALINE	967120	1,968	256.72053
86	2	EVENSIDE	961G00	813	252.33702
87	149	PITTSBURG	965450	1,166	250.35935
88	6	KILGORE	963090	395	249.90127
89	27	GREGGTON	961F50	348	248.54598
90	116	MINEOLA	963680	842	248.34561
91	24	WASKOM	967890	575	247.31826
92	88	WINNSBORO	961P00	799	246.26158
93	4	LEVERETTS CHAPEL	965200	425	246.07529
94	59	LONGVIEW	965550	113	244.88496
95	101	MARSHALL	96580	853	237.28488
96	118	NAPLES	968730	914	228.82604
97	54	HOWELL	9613660	231	228.00000
98	75	HOOKS	9610960	1,336	226.85030
99	8	LONDON	965930	467	224.65525
100	79	HOWELL	962B80	423	223.29787
101	206	SPRINGHILL	966870	962	220.89293
102	57	HUGHES SPRINGS	961200	749	219.73698
103	213	LONDON	965940	328	216.92378
104	150	CARTHAGE	963370	516	214.77326
105	58	KILGORE	967860	383	214.66319
106	21	HARRISON ROAD	9611880	2,095	209.00048
107	169	TAYLOR STREET	966760	1,118	208.85331
108	92	POYNTER	967590	994	208.22032
109	200	WEST MT PLEASANT	961L00	173	202.60116
110	70	PLILER ROAD	9612470	2,773	201.59034
111	254	GREGGTON	961V20	1,568	199.99043
112	162	EVENSIDE	961G10	1,056	196.72538
113	233	LAKE LAMOND	961380	1,888	196.21504
114	121	MT PLEASANT	965370	1,198	195.54174
115	203	TEXARKANA OPERATIONS	9611630	615	191.17724
116	249	GREGGTON	961F70	1,679	188.36748
117	96	LONGVIEW	966770	1,053	187.60304

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
118	55	NEW HOPE	962120	481	187.32017
119	212	TEXARKANA PLANT	967960	1,370	187.16642
120	109	HAWKINS	966310	140	186.08571
121	140	WHITNEY	964080	817	184.23990
122	266	JEFFERSON 69KV	969350	139	180.92806
123	214	HARRISON ROAD	968040	2,296	180.45166
124	30	KILGORE	963150	603	178.47098
125	10	KILGORE	967880	1,534	175.52216
126	94	WHITNEY	961490	1,464	174.68579
127	198	ATLANTA	962140	1,729	171.69751
128	192	KINGS HWY	969030	904	171.27987
129	260	39TH STREET	962640	509	170.64047
130	177	GILMER	962480	582	169.72509
131	164	ALBA	9612400	598	166.50502
132	179	39TH STREET	961V70	52	166.46154
133	191	ESTELLINE	96NT3535	124	162.21774
134	237	TEXARKANA OPERATIONS	961S90	190	161.86316
135	193	TAYLOR STREET	969510	1,079	160.40037
136	122	MINEOLA	969360	473	157.20930
137	182	PETTY	9611470	569	156.84007
138	141	MARSHALL	962000	240	156.79583
139	168	TEXARKANA OPERATIONS	967830	869	154.91139
140	211	NORTH MARSHALL	967600	734	150.00136
141	239	ATLANTA	961U80	679	149.61267
142	44	KILGORE	964650	517	147.91489
143	110	PLILER ROAD	9610370	3,252	147.83272
144	170	SUGAR HILL	962370	363	147.14601
145	178	CARTHAGE	965760	940	143.59468
146	185	SCOTTSVILLE	961J30	479	140.42589
147	219	HALLSVILLE	9616250	787	139.28335
148	235	FRIARS SWITCH	965920	234	138.85470
149	180	WEST MT PLEASANT	961G70	105	138.47619
150	240	TEXARKANA PLANT	967980	163	138.15337
151	126	SPRINGHILL	968200	637	137.90581
152	156	TAYLOR STREET	964290	920	127.84022
153	245	CARTHAGE	9610240	1,041	127.50144
154	197	39TH STREET	961V60	587	126.98807
155	229	CARTHAGE	963350	506	126.92688
156	36	MONROE CORNERS	966520	217	124.73733
157	29	KILGORE	967870	485	124.59381
158	85	HOOKS	9610950	493	122.85193
159	236	WASKOM	968180	653	122.09035
160	49	CLARENDON	96NT5005	818	120.50733
161	89	WHITNEY	964090	1,085	119.65806
162	202	SOUTHEAST MARSHALL	967580	928	118.39655
163	107	LAKE LAMOND	969770	281	118.18149
164	144	VIVIAN	968980	47	116.34043
165	230	WINFIELD	964100	110	115.19091
166	152	GREGGTON	962A90	580	113.70172
167	45	NASH	9615130	1,130	106.03982
168	184	RICHMOND ROAD	966980	1,459	105.04112
169	95	LOUISIANA PACIFIC	962260	691	104.12012
170	48	LONGVIEW	965540	122	102.88525
171	189	AIRLINE	961E90	1,269	101.07013
172	196	TAYLOR STREET	967920	397	100.41562
173	66	PITTSBURG	968680	280	97.87500
174	158	AIRLINE	961S30	117	97.76068
175	243	RODESSA	962700	269	95.40520
176	12	HARRISON ROAD	9611870	2,130	94.98545
177	171	TAYLOR STREET	96220	1,358	94.93299
178	186	HOWELL	962B60	151	94.39073

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

### AEP Southwestern Electric Power

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
179	218	JEFFERSON 69KV	969340	962	92.77027
180	205	AIRLINE	961F00	995	92.17487
181	99	RICHMOND ROAD	968050	1,283	85.56586
182	151	KINGS HWY	969540	1,806	85.39646
183	34	WINNSBORO	962050	1,139	84.61721
184	244	NASH	9615120	762	83.50394
185	133	DEKALB	962430	880	83.49545
186	269	PETTY	968370	148	81.44595
187	68	SOUTHEAST MARSHALL	9610180	1,380	80.79855
188	176	POYNTER	967800	177	78.98870
189	139	HAWKINS	969410	191	78.79581
190	199	SHAMROCK	96NT1835	91	77.82418
191	64	WINFIELD	962B70	567	75.14462
192	41	MT PLEASANT	965190	633	72.78041
193	143	MARSHALL	96590	737	71.75441
194	69	BALDWIN	962200	20	71.60000
195	78	LONGVIEW HEIGHTS	968440	230	71.50000
196	81	LAKE LAMOND	964400	720	70.75833
197	13	MEMPHIS	96NT3025	315	70.48889
198	23	SPRINGHILL	968190	845	70.24734
199	228	LAKE LAMOND	964070	1,868	69.73287
200	173	SOUTHEAST LONGVIEW	964190	255	68.66275
201	221	NORTH MINEOLA	965380	317	68.57413
202	115	AIRLINE	961N30	1,830	68.39891
203	26	LONGVIEW	965520	1,219	66.49959
204	108	NORTH MARSHALL	968670	829	65.63812
205	56	CENTER	968140	1,082	65.10351
206	74	WINNSBORO	962040	425	64.72235
207	100	LINDEN	9610020	339	60.66667
208	73	WHITNEY	961480	1,603	60.40362
209	159	LAKE LAMOND	968570	755	60.03709
210	119	RED RIVER DEPOT	9612460	13	59.84615
211	183	BLOOMBURG	967350	331	59.48640
212	15	LINDEN	962540	937	58.23052
213	103	LAKE LAMOND	969430	585	52.26838
214	267	PLEASANT HILL	9611894	20	52.00000
215	224	LONGVIEW HEIGHTS	961B40	1,551	51.60219
216	93	AIRLINE	961F10	816	50.08333
217	35	RICHMOND ROAD	961L40	292	49.16781
218	242	POYNTER	969550	307	48.61564
219	225	TAYLOR STREET	965080	489	48.56851
220	97	RICHMOND ROAD	965290	1,347	46.52784
221	247	39TH STREET	962610	124	46.31452
222	265	CAREY	96NT6115	109	44.66055
223	257	GATES STREET	961X40	387	43.31008
224	114	WASKOM	967900	640	42.36094
225	251	MT VERNON	969140	394	42.21827
226	210	TENAHA	962510	336	41.56250
227	33	MONROE CORNERS	966510	63	41.04762
228	22	SOUTHEAST LONGVIEW	961780	575	37.41217
229	153	NAPLES	963290	476	37.09664
230	201	MARSHALL	964630	474	35.56118
231	227	NAPLES	968720	207	31.33333
232	18	PETTY	9611460	601	31.15308
233	120	LAKE LAMOND	966850	560	30.96071
234	217	IPC JEFFERSON	968020	886	30.93792
235	147	BECKVILLE	969120	299	30.20067
236	84	BECKVILLE	961U50	351	28.96866
237	167	SOUTHEAST MARSHALL	9610920	781	27.96287
238	190	RED RIVER DEPOT	9612440	71	23.29577
239	215	TENAHA	962500	426	23.26291

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

2015 SAIDI Ranking	2014 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2015 SAIDI Value
240	111	SCOTTSVILLE	961J10	828	23 20652
241	222	MT PLEASANT	965360	253	23.02767
242	124	NEW BOSTON	961620	943	22.66172
243	63	PITTSBURG	965460	1,366	22.45827
244	39	MT PLEASANT	961930	761	22.33114
245	238	NORTH MARSHALL	969800	1,064	22.32237
246	263	12TH STREET	962230	92	21.57609
247	253	SOUTHEAST MARSHALL	9610160	1,838	20.20294
248	208	CLARENDON	96NT4040	688	20.18895
249	1	LIEBERMAN	961X30	11	20.00000
250	248	SOUTHEAST MARSHALL	9610170	1,715	19.99475
251	241	GATES STREET	961X60	324	19.36111
252	234	MT VERNON	969130	464	18.23707
253	194	COOKVILLE	961E70	195	18.05641
254	67	LONGVIEW HEIGHTS	969240	970	17.47010
255	195	KINGS HWY	969040	924	16.77381
256	223	WEST MT PLEASANT	961G90	254	15.22835
257	98	DAINGERFIELD	961950	162	14.14815
258	145	COOKVILLE	961E60	114	9.53509
259	76	TEXARKANA PLANT	966570	75	9.46667
260	262	MEMPHIS	96NT3335	1,120	9.13929
261	250	TEXARKANA PLANT	967970	220	8.32273
262	154	WHITNEY	961A00	46	7.15217
263	132	LONE STAR SHELL ORDNANCE	9616030	20	6.45000
264	272	LAKE LAMOND	966860	32	5.59375
265	270	IPC 69KV	961R60	36	5.16667
266	123	LONGVIEW	965530	144	4.89583
267	271	CENTER	962180	41	4.82927
268	258	ROSEBOROUGH	9610090	17	4.82353
269	220	GREGGTON	961F60	101	4.25743
270	142	NASH	9614640	28	2.21429
271	268	12TH STREET	966180	48	1.02083
272	new	CITY LAKE	9619120	431	0.22274
273	117	NASH	9614710	14	-
274	new	CITY LAKE	9619090	295	-
275	new	CITY LAKE	9619210	94	-
276	new	CITY LAKE	9619220	537	-

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2015 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	25.50%
Vegetation	37.95%
Animals and Birds	10.49%
People (Including cars and farm equip)	3.05%
Utility-owned Equipment	14.19%
Other	1.85%
Unknown	6.98%