



Control Number: 46717



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Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2016 Reporting Year

AEP Southwestern Electric Power

Project 46717

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													
2016	1.73	0.03	0.06	0.11	0.17	0.11	0.18	0.26	0.19	0.13	0.14	0.12	0.22
Scheduled													
2016	0.05	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00
Outside Causes													
2016	0.20	0.02	0.02	0.03	0.01	0.02	0.05	0.02	0.00	0.01	0.00	0.03	0.00
Major Events													
2016	0.16			0.00	0.10	0.07	0.00						

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													
2016	173.13	2.57	5.04	20.09	18.93	10.72	16.70	28.53	20.33	11.01	7.80	11.68	19.72
Scheduled													
2016	1.95	0.29	0.06	0.07	0.22	0.15	0.24	0.35	0.02	0.08	0.13	0.22	0.13
Outside Causes													
2016	21.61	1.78	1.90	4.52	0.88	2.24	5.35	0.61	0.11	0.35	0.69	2.98	0.20
Major Events													
2016	83.48			0.23	35.43	46.81	1.01						

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

2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
1	11	LONDON	965950	322	7.04037
2	50	NEW BOSTON	969620	362	6.95580
3	248	PITTSBURG	965460	1,375	6.86909
4	157	KILGORE	963150	611	5.78396
5	113	TEXARKANA OPERATIONS	967240	923	5.60780
6	127	ESTELINE	96NT3535	127	5.53543
7	8	TURNERTOWN	961B10	53	5.39623
8	9	FRIARS SWITCH	961900	187	5.33690
9	26	LOGANSPORT	965770	275	4.72727
10	170	PLILER ROAD	9610370	3,272	4.67207
11	93	LONDON	965930	463	4.49892
12	216	LONGVIEW	965520	1,204	4.37625
13	120	NORTH MARSHALL	968660	617	4.31280
14	134	KILGORE	963090	390	4.22821
15	167	CARTHAGE	963350	520	4.19231
16	96	POYNTER	967800	178	4.11798
17	19	FRIARS SWITCH	965790	406	4.05419
18	6	NORTH LANEVILLE	9610660	473	4.01903
19	207	NAPLES	963290	475	3.96000
20	78	MONROE CORNERS	966520	220	3.95455
21	169	LONE STAR POWER PLANT	966120	13	3.92308
22	62	DEKALB	962440	527	3.85769
23	45	TURNERTOWN	961B20	405	3.85185
24	142	LOUISIANA PACIFIC	962260	692	3.81647
25	63	TEXARKANA PLANT	967960	1,375	3.76073
26	36	NORTH MARSHALL	967600	704	3.62074
27	73	WASKOM	967890	578	3.58131
28	13	PLILER ROAD	9610380	1,790	3.56201
29	115	TEXARKANA OPERATIONS	967830	868	3.54378
30	37	39TH STREET	962630	1,324	3.51435
31	171	POYNTER	963270	858	3.50233
32	67	SOUTHEAST MARSHALL	967580	925	3.48216
33	230	CENTER	968140	1,077	3.39369
34	29	SABINE	965110	452	3.38938
35	33	LONGVIEW	965510	582	3.38832
36	149	WASKOM	968180	647	3.38176
37	64	NEW BOSTON	965140	1,428	3.36485
38	71	GILMER	962450	873	3.34593
39	188	HARRISON ROAD	9611880	2,071	3.33317
40	119	TURNERTOWN	961B00	24	3.25000
41	223	HARRISON ROAD	9611870	2,107	3.23208
42	162	WHITNEY	964420	500	3.23000
43	28	TATUM	9610840	735	3.22585
44	155	LONDON	965940	312	3.21795

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
45	48	MINEOLA	969360	482	3.20124
46	107	HOWELL	962B80	425	3.17882
47	166	39TH STREET	961V60	591	3.10998
48	125	MARSHALL	962000	237	3.06329
49	55	KNOX LEE	961U90	174	3.05747
50	177	RODESSA	962700	276	2.99638
51	70	ATLANTA	962150	615	2.83577
52	3	RICHMOND ROAD	964020	911	2.82437
53	144	NORTH MINEOLA	965380	332	2.77711
54	43	MINEOLA	9610990	899	2.77308
55	136	LAKE LAMOND	961380	1,902	2.69979
56	109	CARTHAGE	963370	509	2.64047
57	54	CARTHAGE	963360	367	2.55313
58	101	HARRISON ROAD	968040	2,285	2.52166
59	91	PLILER ROAD	9612470	2,865	2.46527
60	154	WINNSBORO	962050	1,146	2.45986
61	74	MT PLEASANT	965370	1,201	2.45712
62	218	WHITNEY	961480	1,607	2.42813
63	49	HOOKS	9610960	1,344	2.40179
64	243	SCOTTSVILLE	961J10	836	2.40072
65	126	GREGGTON	962A90	585	2.39658
66	178	SOUTHEAST LONGVIEW	964190	258	2.39147
67	270	GREGGTON	961F60	98	2.34694
68	220	FRIARS SWITCH	965920	231	2.33333
69	46	HOWELL	9613660	228	2.31140
70	105	RED RIVER DEPOT	9612460	13	2.30769
71	172	TAYLOR STREET	96220	1,343	2.29933
72	191	WHITNEY	964090	1,064	2.26786
73	44	TEXARKANA OPERATIONS	961S80	987	2.26342
74	150	TAYLOR STREET	964290	927	2.22869
75	14	POYNTER	967590	997	2.22166
76	153	LONGVIEW	966770	1,051	2.21884
77	47	LEVERETTS CHAPEL	9610850	345	2.19420
78	234	LAKE LAMOND	969430	588	2.12075
79	129	MINEOLA	963680	827	2.07255
80	260	TEXARKANA PLANT	967970	221	2.04525
81	213	SOUTHEAST MARSHALL	9610170	1,712	2.00175
82	24	KILGORE	967190	759	1.97101
83	16	NEW BOSTON	969610	814	1.95209
84	4	SABINE	965120	97	1.94845
85	221	KINGS HWY	969040	928	1.92026
86	17	WESTWOOD	963710	45	1.91111
87	75	MARSHALL	96580	853	1.91090
88	25	CLARKSVILLE	969200	688	1.89971
89	57	NEW GLADEWATER	9611980	1,054	1.88046
90	246	MT VERNON	969140	401	1.85037
91	152	VIVIAN	968990	107	1.84112
92	31	WELLINGTON	96NT1770	278	1.81295
93	53	KINGS HWY	969030	918	1.80174

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94	224	NEW BOSTON	961620	949	1.79768
95	193	LAKE LAMOND	964400	712	1.79213
96	186	LEVERETTS CHAPEL	965200	410	1.78293
97	158	PILGRIMS PRIDE	966150	819	1.77778
98	61	GILMER	962480	582	1.77491
99	182	RICHMOND ROAD	961L40	295	1.75593
100	98	BIG SANDY	967310	649	1.75501
101	83	LIBERTY CITY	967990	993	1.73212
102	148	CENTER	962190	1,008	1.70337
103	242	BECKVILLE	961U50	342	1.70175
104	118	PITTSBURG	965450	1,158	1.67703
105	10	SABINE	965130	1,488	1.67406
106	95	HOOKS	9610950	510	1.66667
107	229	IPC JEFFERSON	968020	895	1.61229
108	35	LOUISIANA PACIFIC	968030	414	1.61111
109	7	SUPERIOR	963750	45	1.60000
110	151	WEST MT PLEASANT	961G70	113	1.59292
111	135	WINNSBORO	962040	431	1.58237
112	12	HEDLEY	96NT5845	252	1.56746
113	225	NORTH MARSHALL	969800	1,072	1.55970
114	256	TEXARKANA PLANT	966570	74	1.55405
115	108	ATLANTA	961U80	684	1.53801
116	116	KILGORE	964650	503	1.53678
117	180	DEKALB	962430	874	1.53204
118	15	CLARKSVILLE	963660	149	1.52349
119	138	39TH STREET	961V70	51	1.50980
120	174	WEST MT PLEASANT	961L00	173	1.50867
121	241	POYNTER	969550	301	1.49502
122	160	MARSHALL	96590	725	1.49103
123	206	PETTY	9611470	789	1.48796
124	235	WASKOM	967900	638	1.44828
125	266	WHITNEY	961A00	45	1.44444
126	80	CLARKSVILLE	969180	469	1.44136
127	51	EVENSIDE	961G00	818	1.41687
128	161	PITTSBURG	968680	279	1.41219
129	165	CARTHAGE	9610240	1,016	1.39567
130	85	CARTHAGE	965760	928	1.39116
131	226	LONGVIEW HEIGHTS	961B40	1,575	1.36063
132	65	NEW GLADEWATER	9611970	1,670	1.35449
133	159	LAKE LAMOND	968570	767	1.34681
134	18	ATLANTA	964460	1,148	1.32317
135	195	NEW HOPE	962120	489	1.31902
136	39	CLARKSVILLE	963670	121	1.31405
137	244	COOKVILLE	961E70	198	1.31313
138	88	HAWKINS	962530	96	1.31250
139	238	LAKE LAMOND	969770	288	1.30903
140	92	GILMER	962490	1,553	1.30457
141	100	DEKALB	963200	389	1.30077
142	227	HAWKINS	969410	196	1.28571

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143	56	POYNTER	967680	872	1.28555
144	94	EVENSIDE	961F90	1,736	1.28514
145	163	ALBA	9612400	596	1.27349
146	141	GATES STREET	961X40	381	1.27034
147	164	TEXARKANA PLANT	967980	159	1.22642
148	34	EVENSIDE	961G10	1,060	1.20660
149	190	VIVIAN	968980	45	1.20000
150	38	HALLSVILLE	9615920	566	1.19788
151	139	NORTH MARSHALL	968670	820	1.18049
152	2	HEDLEY	96NT5870	135	1.15556
153	5	LEVERETTS CHAPEL	965700	141	1.14184
154	22	GREGGTON	961F50	355	1.13521
155	84	LAKE LAMOND	969440	347	1.13256
156	217	NAPLES	968720	206	1.11650
157	58	CENTER	969520	1,085	1.11336
158	201	SPRINGHILL	968200	656	1.10366
159	232	PETTY	9611460	520	1.10192
160	68	LONGVIEW HEIGHTS	968430	780	1.09744
161	81	HALLSVILLE	9616240	971	1.07930
162	255	MT PLEASANT	961930	768	1.07682
163	250	SOUTHEAST MARSHALL	9610160	1,823	1.07296
164	147	NEW HOPE	968000	1,391	1.07189
165	30	HAWKINS	962520	392	1.06633
166	269	LAKE LAMOND	966860	32	1.06250
167	140	TEXARKANA OPERATIONS	961S90	190	1.05789
168	253	MT PLEASANT	965360	258	1.05039
169	184	LONGVIEW	965550	113	1.01770
170	179	LIEBERMAN	961X30	10	1.00000
171	203	LINDEN	9610020	329	0.99088
172	189	LONGVIEW	965540	122	0.98361
173	251	DAINGERFIELD	961950	160	0.97500
174	117	SCOTTSVILLE	961J30	474	0.97468
175	181	TAYLOR STREET	965080	489	0.95297
176	268	LONGVIEW	965530	145	0.95172
177	21	CLARKSVILLE	969210	801	0.94382
178	40	CLARKSVILLE	969190	1,090	0.92936
179	41	HOWELL	962B90	1,291	0.92022
180	214	BLOOMBURG	967350	330	0.88788
181	137	WINNSBORO	961P00	799	0.87610
182	77	NAPLES	968730	916	0.82969
183	187	TAYLOR STREET	969510	1,080	0.82407
184	60	GRAND SALINE	967120	1,978	0.81395
185	145	NASH	9615120	839	0.80810
186	132	MONROE CORNERS	966510	62	0.80645
187	208	SOUTHEAST MARSHALL	9610180	1,389	0.74658
188	194	PETTY	968370	150	0.73333
189	237	SOUTHEAST LONGVIEW	961780	570	0.72456
190	82	WELLINGTON	96NT1765	569	0.71178
191	176	PLEASANT HILL	9611894	20	0.70000

Service Quality Report to the Public Utility Commission of Texas

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2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
192	89	ATLANTA	962140	1,725	0.68174
193	204	KINGS HWY	969540	1,807	0.67571
194	215	BALDWIN	962200	24	0.66667
195	276	CITY LAKE	9619220	539	0.65492
196	32	HUGHES SPRINGS	965650	552	0.64674
197	196	SPRINGHILL	968190	837	0.64277
198	59	GATES STREET	961X70	314	0.63057
199	197	RICHMOND ROAD	965290	1,359	0.58940
200	102	DAINGERFIELD	961960	1,137	0.57960
201	175	RICHMOND ROAD	966980	1,473	0.56959
202	20	ATLANTA	968070	263	0.55894
203	209	CAREY	96NT6115	111	0.55856
204	131	WHITNEY	964080	813	0.54736
205	97	KILGORE	967880	1,546	0.54592
206	200	JEFFERSON 69KV	969340	944	0.54555
207	130	SPRINGHILL	966870	964	0.54046
208	168	39TH STREET	962640	523	0.53920
209	66	TEXARKANA OPERATIONS	9611630	622	0.51929
210	146	SUGAR HILL	962370	369	0.50949
211	52	SHAMROCK	96NT148	790	0.49873
212	202	WINFIELD	962B70	574	0.48606
213	103	NASH	9615130	1,168	0.48545
214	23	MT VERNON	9612760	882	0.48073
215	173	DAINGERFIELD	961970	664	0.47440
216	199	LINDEN	962540	938	0.47335
217	262	COOKVILLE	961E60	113	0.46018
218	219	AIRLINE	961F00	1,007	0.45680
219	133	MT PLEASANT	965190	634	0.44322
220	128	GRAND SALINE	967110	282	0.42908
221	273	NASH	9614710	14	0.42857
222	198	MEMPHIS	96NT3025	313	0.41534
223	233	RED RIVER DEPOT	9612440	70	0.41429
224	42	MINEOLA	967130	953	0.40294
225	274	CITY LAKE	9619090	306	0.40196
226	111	KILGORE	967860	378	0.39153
227	222	TENAHA	962510	346	0.38150
228	228	BECKVILLE	969120	305	0.38033
229	124	LAKE LAMOND	964070	1,869	0.37881
230	114	GREGGTON	961V20	1,574	0.37039
231	211	LONGVIEW HEIGHTS	968440	233	0.36910
232	252	LONGVIEW HEIGHTS	969240	980	0.36122
233	110	AIRLINE	961N30	1,855	0.34663
234	185	HAWKINS	966310	145	0.33793
235	123	TAYLOR STREET	967920	389	0.33676
236	192	HUGHES SPRINGS	961Z00	760	0.33158
237	104	HOWELL	962B60	154	0.33117
238	156	AIRLINE	961F10	816	0.27574
239	240	CLARENDON	96NT4040	692	0.27168
240	143	RICHMOND ROAD	968050	1,285	0.26615

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2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
241	112	TAYLOR STREET	966760	1,122	0.25847
242	27	FRIARS SWITCH	965780	136	0.25735
243	99	AIRLINE	961S30	121	0.23967
244	106	BIG SANDY	967300	670	0.23134
245	261	ROSEBOROUGH	9610090	18	0.22222
246	247	SOUTHEAST MARSHALL	9610920	785	0.22166
247	69	GREGGTON	961F70	1,707	0.21968
248	259	MARSHALL	964630	474	0.21730
249	122	WHITNEY	961490	1,440	0.20694
250	76	CLARENDON	96NT5005	814	0.20516
251	236	TENAHA	962500	423	0.19622
252	90	SHAMROCK	96NT144	662	0.18882
253	121	KILGORE	967870	486	0.17901
254	86	KILGORE	967850	107	0.17757
255	79	WELLINGTON	96NT3700	748	0.17380
256	264	NASH	9614640	41	0.17073
257	212	39TH STREET	962610	136	0.16912
258	254	GATES STREET	961X60	320	0.16875
259	72	HALLSVILLE	9616250	791	0.16688
260	249	LAKE LAMOND	966850	555	0.14775
261	257	MT VERNON	969130	464	0.14655
262	258	MEMPHIS	96NT3335	1,109	0.14608
263	271	12TH STREET	966180	46	0.13043
264	205	WINFIELD	964100	123	0.12195
265	183	LONGVIEW HEIGHTS	969000	841	0.12010
266	1	MT PLEASANT	961920	143	0.11189
267	231	SHAMROCK	96NT1835	254	0.10236
268	87	JEFFERSON 69KV	969350	139	0.08633
269	239	AIRLINE	961E90	1,280	0.06172
270	245	LONE STAR SHELL ORDNANCE	9616030	22	0.04545
271	210	12TH STREET	962230	91	0.03297
272	275	CITY LAKE	9619210	93	0.03226
273	272	CITY LAKE	9619120	432	0.02778
274	263	IPC 69KV	961R60	38	0.02632
275	265	WEST MT PLEASANT	961G90	252	0.01587
276	267	CENTER	962180	48	0.00000

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

2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
1	59	NEW BOSTON	969620	362	1,063.75691
2	7	LONE STAR POWER PLANT	966120	13	1,047.92308
3	10	LOGANSPOUT	965770	275	990.51273
4	2	TURNERTOWN	961B10	53	918.75472
5	12	LONDON	965950	322	908.31677
6	23	FRIARS SWITCH	965790	406	735.49754
7	88	KILGORE	963090	390	626.06154
8	136	MINEOLA	969360	482	613.25311
9	8	NORTH LANEVILLE	9610660	473	597.13953
10	175	RODESSA	962700	276	592.44928
11	200	SOUTHEAST LONGVIEW	964190	258	584.49225
12	40	GILMER	962450	873	580.82245
13	138	MARSHALL	962000	237	527.06751
14	156	MONROE CORNERS	966520	220	502.39091
15	29	TURNERTOWN	961B20	405	500.21481
16	243	PITTSBURG	965460	1,375	487.27855
17	77	NEW BOSTON	965140	1,428	487.26751
18	48	TURNERTOWN	961B00	24	477.41667
19	24	FRIARS SWITCH	961900	187	458.44920
20	133	ESTELLINE	96NT3535	127	454.84252
21	91	WASKOM	967890	578	454.22837
22	5	SABINE	965120	97	450.77320
23	82	NORTH MARSHALL	968660	617	433.78120
24	223	GATES STREET	961X40	381	412.73228
25	203	LONGVIEW	965520	1,204	409.65449
26	109	WEST MT PLEASANT	961L00	173	408.53179
27	74	TEXARKANA OPERATIONS	967240	923	402.90358
28	269	GREGGTON	961F60	98	397.28571
29	124	KILGORE	963150	611	392.68576
30	20	WELLINGTON	96NT1770	278	392.10432
31	119	TEXARKANA PLANT	967960	1,375	391.97818
32	117	LONGVIEW	966770	1,051	391.95338
33	58	DEKALB	962440	527	385.23340
34	54	CARTHAGE	963360	367	375.67030
35	99	LONDON	965930	463	364.87041
36	210	RED RIVER DEPOT	9612460	13	363.69231
37	196	LAKE LAMOND	964400	712	359.85112
38	159	WASKOM	968180	647	359.54714
39	155	CARTHAGE	963350	520	346.48077
40	11	CLARKSVILLE	963660	149	344.35570
41	225	MT VERNON	969140	401	344.11222
42	15	SABINE	965110	452	342.39602
43	176	HARRISON ROAD	9611870	2,107	342.32226
44	16	LEVERETTS CHAPEL	9610850	345	336.68406

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
45	207	LINDEN	9610020	329	329.95441
46	188	POYNTER	967800	178	325.25843
47	89	GREGGTON	961F50	355	320.33803
48	21	CLARKSVILLE	969200	688	309.73692
49	113	LAKE LAMOND	961380	1,902	300.72871
50	38	HAWKINS	962520	392	295.65816
51	250	SOUTHEAST MARSHALL	9610170	1,712	294.56717
52	19	KNOX LEE	961U90	174	292.50000
53	44	KILGORE	967190	759	290.64427
54	84	POYNTER	963270	858	286.21911
55	242	NEW BOSTON	961620	949	284.91254
56	94	LONGVIEW	965550	113	284.79646
57	206	WINNSBORO	962040	431	281.76334
58	169	LOUISIANA PACIFIC	962260	692	280.93786
59	45	LOUISIANA PACIFIC	968030	414	278.09662
60	170	LONGVIEW	965540	122	277.91803
61	30	NEW BOSTON	969610	814	275.80835
62	100	HOWELL	962B80	425	275.22118
63	232	PETTY	9611460	520	272.39038
64	60	ATLANTA	962150	615	270.60488
65	146	SCOTTSVILLE	961J30	474	266.21308
66	118	NEW HOPE	962120	489	260.60327
67	103	LONDON	965940	312	257.91026
68	152	TAYLOR STREET	964290	927	256.97843
69	13	CLARKSVILLE	963670	121	256.89256
70	32	CLARKSVILLE	969210	801	255.96629
71	76	CLARKSVILLE	969180	469	255.66311
72	46	HAWKINS	962530	96	255.27083
73	189	HAWKINS	969410	196	254.45408
74	108	POYNTER	967590	997	253.61284
75	149	WEST MT PLEASANT	961G70	113	248.86726
76	151	SPRINGHILL	968200	656	247.88720
77	106	HARRISON ROAD	9611880	2,071	245.73105
78	72	LIBERTY CITY	967990	993	244.75227
79	240	SCOTTSVILLE	961J10	836	243.05263
80	249	LIEBERMAN	961X30	10	243.00000
81	183	WINNSBORO	962050	1,146	242.93019
82	201	NORTH MINEOLA	965380	332	242.24699
83	140	NORTH MARSHALL	967600	704	241.13210
84	234	IPC JEFFERSON	968020	895	240.24134
85	158	HOOKS	9610950	510	234.56667
86	215	LONGVIEW HEIGHTS	961B40	1,575	234.20127
87	83	BIG SANDY	967310	649	232.96302
88	27	NEW GLADEWATER	9611980	1,054	229.80740
89	1	WESTWOOD	963710	45	229.24444
90	3	SUPERIOR	963750	45	226.55556
91	87	PITTSBURG	965450	1,158	222.10190
92	184	NASH	9615120	839	218.50775
93	154	39TH STREET	961V60	591	216.88663

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2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
94	130	GILMER	962480	582	211.18900
95	253	COOKVILLE	961E70	198	210.97980
96	80	HALLSVILLE	9615920	566	210.37102
97	209	LAKE LAMOND	968570	767	208.64928
98	33	PLILER ROAD	9610380	1,790	207.13631
99	166	GREGGTON	962A90	585	206.27521
100	98	HOOKS	9610960	1,344	205.94196
101	218	POYNTER	969550	301	205.70432
102	57	ATLANTA	964460	1,148	205.18815
103	123	HARRISON ROAD	968040	2,285	202.35755
104	52	TATUM	9610840	735	200.73333
105	95	MARSHALL	96580	853	200.66823
106	65	CENTER	962190	1,008	198.02877
107	163	LAKE LAMOND	969770	288	191.41319
108	139	TEXARKANA OPERATIONS	967830	868	188.96659
109	185	DEKALB	962430	874	185.74714
110	64	NEW HOPE	968000	1,391	178.88569
111	67	39TH STREET	962630	1,324	178.80211
112	71	GILMER	962490	1,553	178.42949
113	205	CENTER	968140	1,077	175.59146
114	93	LEVERETTS CHAPEL	965200	410	174.02439
115	43	WHITNEY	964420	500	173.86000
116	104	CARTHAGE	963370	509	173.82318
117	9	LEVERETTS CHAPEL	965700	141	173.56028
118	143	PLILER ROAD	9610370	3,272	173.39242
119	137	PETTY	9611470	789	170.35488
120	236	BECKVILLE	961U50	342	169.69591
121	224	WASKOM	967900	638	165.40596
122	229	NAPLES	963290	475	164.47789
123	55	RICHMOND ROAD	964020	911	162.47530
124	162	SOUTHEAST MARSHALL	967580	925	161.64216
125	90	MINEOLA	963680	827	160.55623
126	97	HOWELL	9613660	228	160.29825
127	110	PLILER ROAD	9612470	2,865	158.04223
128	51	DEKALB	963200	389	156.18252
129	41	POYNTER	967680	872	154.61353
130	75	MINEOLA	9610990	899	154.28365
131	257	DAINGERFIELD	961950	160	151.13125
132	114	MT PLEASANT	965370	1,201	149.55870
133	167	NASH	9615130	1,168	148.47346
134	81	NEW GLADEWATER	9611970	1,670	148.30659
135	101	SPRINGHILL	966870	964	146.98340
136	228	SOUTHEAST LONGVIEW	961780	570	146.64035
137	148	FRIARS SWITCH	965920	231	144.32035
138	208	WHITNEY	961480	1,607	142.37026
139	245	NORTH MARSHALL	969800	1,072	141.45522
140	193	MARSHALL	96590	725	139.82759
141	173	PITTSBURG	968680	279	136.45161
142	17	VIVIAN	968990	107	135.26168

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143	31	LONGVIEW	965510	582	134.26117
144	132	39TH STREET	961V70	51	127.86275
145	161	WHITNEY	964090	1,064	125.86184
146	164	VIVIAN	968980	45	123.86667
147	92	WINNSBORO	961P00	799	122.61076
148	73	TEXARKANA OPERATIONS	961S80	987	121.84600
149	34	CLARKSVILLE	969190	1,090	121.71376
150	47	GRAND SALINE	967110	282	121.68440
151	142	KILGORE	964650	503	121.13519
152	198	SPRINGHILL	968190	837	119.86738
153	6	HEDLEY	96NT5870	135	118.58519
154	128	KINGS HWY	969030	918	116.97603
155	69	LONGVIEW HEIGHTS	968430	780	114.74359
156	14	HEDLEY	96NT5845	252	113.98016
157	259	TEXARKANA PLANT	966570	74	112.95946
158	96	NAPLES	968730	916	112.58952
159	241	MT PLEASANT	965360	258	108.82558
160	217	RICHMOND ROAD	961L40	295	108.30508
161	177	TAYLOR STREET	96220	1,343	108.27699
162	204	NORTH MARSHALL	968670	820	105.23537
163	211	BLOOMBURG	967350	330	105.10303
164	153	CARTHAGE	9610240	1,016	102.81693
165	276	CITY LAKE	9619220	539	102.48423
166	141	ATLANTA	961U80	684	102.17398
167	28	SABINE	965130	1,488	102.04368
168	150	TEXARKANA PLANT	967980	159	101.79874
169	255	KINGS HWY	969040	928	101.23707
170	66	PILGRIMS PRIDE	966150	819	101.07326
171	261	TEXARKANA PLANT	967970	221	100.35747
172	121	WHITNEY	964080	813	98.61132
173	135	TAYLOR STREET	969510	1,080	98.02407
174	26	DAINGERFIELD	961960	1,137	97.85928
175	42	LAKE LAMOND	969440	347	97.72622
176	145	CARTHAGE	965760	928	97.59806
177	244	MT PLEASANT	961930	768	92.62240
178	86	EVENSIDE	961G00	818	89.88386
179	63	EVENSIDE	961F90	1,736	89.52247
180	70	HOWELL	962B90	1,291	88.15647
181	187	SOUTHEAST MARSHALL	9610180	1,389	87.63139
182	179	JEFFERSON 69KV	969340	944	87.55403
183	111	GREGGTON	961V20	1,574	85.41296
184	49	WELLINGTON	96NT1765	569	84.80844
185	247	SOUTHEAST MARSHALL	9610160	1,823	84.73341
186	37	HALLSVILLE	9616240	971	79.78064
187	22	HUGHES SPRINGS	965650	552	78.08696
188	50	GATES STREET	961X70	314	76.74522
189	197	MEMPHIS	96NT3025	313	76.73802
190	262	WHITNEY	961A00	45	75.66667
191	235	BECKVILLE	969120	305	75.09508

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2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
192	226	TENAHA	962510	346	74.97399
193	102	HUGHES SPRINGS	961Z00	760	72.81579
194	85	GRAND SALINE	967120	1,978	69.89484
195	227	MONROE CORNERS	966510	62	69.61290
196	131	ALBA	9612400	596	69.60906
197	127	ATLANTA	962140	1,725	68.51652
198	112	EVENSIDE	961G10	1,060	68.10189
199	220	RICHMOND ROAD	965290	1,359	67.25313
200	35	DAINGERFIELD	961970	664	67.16265
201	168	RICHMOND ROAD	966980	1,473	66.11948
202	264	LAKE LAMOND	966860	32	66.09375
203	115	TEXARKANA OPERATIONS	9611630	622	65.03859
204	125	KILGORE	967880	1,546	62.70375
205	219	TAYLOR STREET	965080	489	60.13088
206	213	LAKE LAMOND	969430	588	58.26190
207	222	CAREY	96NT6115	111	58.25225
208	36	ATLANTA	968070	263	58.22053
209	25	MINEOLA	967130	953	57.36516
210	230	MARSHALL	964630	474	56.85021
211	199	LAKE LAMOND	964070	1,869	50.67202
212	191	WINFIELD	962B70	574	50.62892
213	192	MT PLEASANT	965190	634	50.34227
214	194	BALDWIN	962200	24	49.33333
215	258	COOKVILLE	961E60	113	49.01770
216	182	KINGS HWY	969540	1,807	48.94023
217	231	NAPLES	968720	206	46.99515
218	214	PLEASANT HILL	9611894	20	46.40000
219	186	PETTY	968370	150	46.02000
220	61	CENTER	969520	1,085	45.56313
221	195	LONGVIEW HEIGHTS	968440	233	45.43348
222	144	SUGAR HILL	962370	369	44.39024
223	126	WHITNEY	961490	1,440	44.15347
224	68	FRIARS SWITCH	965780	136	43.44118
225	39	MT VERNON	9612760	882	42.75850
226	212	LINDEN	962540	938	41.69296
227	254	LONGVIEW HEIGHTS	969240	980	41.13878
228	270	NASH	9614640	41	40.31707
229	129	39TH STREET	962640	523	39.38815
230	274	CITY LAKE	9619090	306	38.30065
231	178	HOWELL	962B60	154	38.15584
232	180	AIRLINE	961F00	1,007	37.75174
233	18	SHAMROCK	96NT148	790	35.86203
234	251	GATES STREET	961X60	320	34.83125
235	62	BIG SANDY	967300	670	34.16716
236	105	KILGORE	967860	378	31.19577
237	120	HAWKINS	966310	145	29.15172
238	181	RICHMOND ROAD	968050	1,285	28.34319
239	116	GREGGTON	961F70	1,707	28.13122
240	273	NASH	9614710	14	27.92857

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2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
241	202	AIRLINE	961N30	1,855	27.51968
242	233	LAKE LAMOND	966850	555	27.50270
243	268	ROSEBOROUGH	9610090	18	26.72222
244	134	TEXARKANA OPERATIONS	961S90	190	26.32632
245	165	WINFIELD	964100	123	26.02439
246	190	SHAMROCK	96NT1835	254	24.19685
247	160	CLARENDON	96NT5005	814	23.54791
248	248	CLARENDON	96NT4040	692	23.39306
249	237	SOUTHEAST MARSHALL	9610920	785	22.25350
250	174	AIRLINE	961S30	121	21.44628
251	107	TAYLOR STREET	966760	1,122	21.18271
252	216	AIRLINE	961F10	816	19.61029
253	239	TENAHA	962500	423	19.47991
254	79	SHAMROCK	96NT144	662	18.58761
255	56	KILGORE	967850	107	18.49533
256	122	JEFFERSON 69KV	969350	139	17.43885
257	172	TAYLOR STREET	967920	389	15.74807
258	238	RED RIVER DEPOT	9612440	70	15.51429
259	157	KILGORE	967870	486	14.26132
260	4	MT PLEASANT	961920	143	14.13287
261	147	HALLSVILLE	9616250	791	13.38053
262	260	MEMPHIS	96NT3335	1,109	13.37692
263	78	LONGVIEW HEIGHTS	969000	841	13.11891
264	252	MT VERNON	969130	464	11.92241
265	53	WELLINGTON	96NT3700	748	11.50267
266	221	39TH STREET	962610	136	9.11765
267	275	CITY LAKE	9619210	93	6.88172
268	266	LONGVIEW	965530	145	6.59310
269	171	AIRLINE	961E90	1,280	3.62344
270	271	12TH STREET	966180	46	3.26087
271	256	WEST MT PLEASANT	961G90	252	2.70238
272	265	IPC 69KV	961R60	38	2.57895
273	272	CITY LAKE	9619120	432	1.93519
274	263	LONE STAR SHELL ORDNANCE	9616030	22	1.63636
275	246	12TH STREET	962230	91	0.95604
276	267	CENTER	962180	48	0.00000

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INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2016 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	37.87%
Vegetation	36.11%
Animals and Birds	10.31%
People (Including cars and farm equip)	3.01%
Utility-owned Equipment	4.97%
Other	4.04%
Unknown	3.70%