



Control Number: 51730



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PUBLIC UTILITY COMMISSION
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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

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				

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

Total Number of Feeders

With 10 or more Customers

274

Add or Delete Rows as Necessary

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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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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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

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
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

Service Quality Report to the Public Utility Commission of Texas

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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

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

274

Add or Delete Rows as Necessary

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

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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

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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	LOGANSPOUT	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

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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%