



Filing Receipt

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Control Number - 54467

ItemNumber - 10

Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2022 Reporting Year

AEP Southwestern Electric Power

Project 54467

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 2022	1.82302	0.08433	0.08098	0.15805	0.22665	0.23492	0.18636	0.20482	0.17815	0.11467	0.15857	0.11075	0.08478
Scheduled 2022	0.15689	0.00632	0.01357	0.01596	0.00781	0.01912	0.01841	0.01031	0.01350	0.01652	0.00858	0.00884	0.01795
Outside Causes 2022	0.22587	0.00330	0.01703	0.02138	0.02406	0.03582	0.01473	0.03696	0.00946	0.01062	0.02884	0.01469	0.00898
Major Events 2022	0.51295				0.12998	0.10426	0.01146		0.11127			0.07704	0.07893

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													
2022	264.84942	9.17834	6.88374	27.55169	37.44458	36.84169	20.62135	25.72276	19.78908	12.67054	26.31410	29.72391	12.10765
Scheduled													
2022	25.72313	1.32357	1.98466	2.39071	1.15880	2.48477	1.48848	2.13689	1.48071	3.93133	1.06175	1.24911	5.03235
Outside Causes													
2022	32.90239	0.74903	3.69601	1.66817	4.21536	6.00873	1.23651	4.09537	1.88546	0.52511	6.00679	2.34381	0.47204
Major Events													
2022	138.85465				55.33885	36.73437	5.51282		18.02286			11.13826	12.10749

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

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
1	242	39TH STREET	961V60	592	9.68243
2	193	NEW BOSTON	961620	936	7.21474
3	211	CARTHAGE	9610240	1049	7.17731
4	192	TURNERTOWN	961B20	438	7.02055
5	46	VIVIAN	968980	47	6.93617
6	4	NORTH LANEVILLE	9610660	485	6.75052
7	116	NEW HOPE	968000	1496	6.32687
8	3	FRIARS SWITCH	965780	152	5.96711
9	24	CLARKSVILLE	969200	678	5.92478
10	42	KILGORE	967850	117	5.82051
11	197	LEVERETTS CHAPEL	965200	434	5.76728
12	8	FRIARS SWITCH	965790	421	5.70071
13	232	CARTHAGE	963350	538	5.28625
14	32	MARSHALL 69KV	96580	847	5.28099
15	16	NORTH MARSHALL	968660	639	5.15806
16	141	LINDEN	9610020	340	5.12941
17	103	JEFFERSON 69KV	969340	975	5.09641
18	13	WASKOM	968180	632	5.05222
19	5	LONDON	965940	346	4.95087
20	96	HAWKINS	962530	109	4.65138
21	52	CLARKSVILLE	963660	150	4.62000
22	43	MINEOLA	967130	1021	4.49461
23	172	TURNERTOWN	961B00	24	4.45833
24	28	RODESSA	9617310	260	4.43462
25	258	AIRLINE	961E90	1323	4.35676
26	2	LONDON	965930	482	4.34232
27	6	WASKOM	967890	577	4.29636
28	118	KNOX LEE	961U90	182	4.26374
29	184	CLARKSVILLE	969190	1112	4.24191
30	144	NAPLES SUB	968720	209	4.20096
31	36	GILMER	962450	958	4.18267
32	26	EVENSIDE	961G00	920	4.04457
33	157	FRIARS SWITCH	961900	199	4.03015
34	125	SCOTTSVILLE	961J30	476	3.95798
35	66	LEVERETTS CHAPEL	965700	155	3.86452
36	240	POYNTER	967680	837	3.66547
37	203	MT PLEASANT	961930	1117	3.57117
38	15	FRIARS SWITCH	965920	250	3.50000
39	209	LINDEN	962540	931	3.46831
40	134	GREGGTON	962A90	556	3.46763
41	196	HUGHES SPRINGS	961Z00	777	3.41570
42	81	BECKVILLE	961U50	346	3.31214

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
43	69	39TH STREET	962640	518	3.28378
44	140	GILMER	962480	626	3.23962
45	70	IPC JEFFERSON	968020	925	3.23243
46	49	CARTHAGE	963370	509	3.22593
47	146	HAWKINS	966310	162	3.21605
48	224	EVENSIDE	961G10	1065	3.16620
49	142	MT PLEASANT	965370	1239	3.01937
50	19	TAYLOR STREET	967920	387	3.01550
51	72	MORTON SALT	9615160	256	2.97656
52	97	MT PLEASANT	965360	683	2.75695
53	165	POYNTER	963270	876	2.73174
54	185	GILMER	962490	1601	2.72205
55	85	WELLINGTON	96NT1765	560	2.71071
56	88	GATES STREET	961X70	337	2.69139
57	191	NAPLES SUB	963290	489	2.67894
58	40	SUPERIOR	963750	40	2.67500
59	163	12TH STREET	966180	49	2.67347
60	128	VIVIAN	968990	101	2.65347
61	131	KILGORE	963150	599	2.65109
62	247	NEW BOSTON	969620	378	2.60582
63	270	TAYLOR STREET	96220	1374	2.60262
64	55	KILGORE	967860	382	2.58901
65	206	BECKVILLE	969120	308	2.57143
66	152	TATUM	9610840	727	2.56534
67	177	SOUTHEAST MARSHALL	967580	900	2.56444
68	183	SABINE	965130	1569	2.55577
69	115	LONDON	965950	317	2.53628
70	95	LIBERTY CITY	967990	1075	2.52465
71	151	WINFIELD	964100	106	2.51887
72	37	GREGGTON	961V20	1611	2.51583
73	112	WINFIELD	962B70	598	2.51171
74	181	TAYLOR STREET	965080	476	2.50420
75	89	PITTSBURG	968680	294	2.49660
76	65	CENTER	962190	1010	2.47921
77	176	NASH	9615120	879	2.46530
78	11	LONGVIEW HEIGHTS	961B40	1994	2.46439
79	215	HAWKINS	969410	194	2.45361
80	173	NASH	9614640	245	2.44490
81	27	NEW GLADEWATER	9611970	1753	2.43811
82	117	LONGVIEW	965510	547	2.42230
83	25	SPRINGHILL	968190	851	2.39248
84	21	RICHMOND ROAD	966980	1489	2.39087
85	253	GREGGTON	961F70	1722	2.33740
86	20	SOUTHEAST MARSHALL	9610180	1457	2.32739
87	114	LAKE LAMOND	961380	1932	2.29762
88	272	KILGORE	967870	500	2.27400

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
89	189	ROSBOROUGH	9610090	22	2.27273
90	219	HAWKINS	962520	416	2.26202
91	34	DEKALB	962430	880	2.24205
92	190	LAKE LAMOND	966850	557	2.19031
93	267	LAKE LAMOND	969440	290	2.18621
94	250	SUGAR HILL	962370	404	2.18317
95	113	CENTER	968140	996	2.17570
96	45	HOWELL	9613660	286	2.10140
97	119	KINGS HWY	969030	912	2.09978
98	136	SHAMROCK	96NT144	634	2.09306
99	74	WEST MT PLEASANT	961G90	250	2.08800
100	236	TEXARKANA PLANT	967970	208	2.08654
101	82	KILGORE	967880	1532	2.06201
102	71	MINEOLA	969360	545	2.02936
103	210	DAINGERFIELD	961950	165	1.98182
104	87	WASKOM	967900	635	1.96535
105	44	KILGORE	963090	385	1.95844
106	33	DEKALB	962440	529	1.95652
107	31	ATLANTA	962140	1742	1.94374
108	75	ATLANTA	968070	255	1.93333
109	222	LONGVIEW	966770	1074	1.91341
110	106	MT PLEASANT	965190	693	1.91198
111	168	CLARKSVILLE	969210	826	1.90678
112	170	LEVERETTS CHAPEL	9610850	387	1.90181
113	54	LONGVIEW HEIGHTS	969000	892	1.89910
114	161	PLEASANT HILL	9611894	23	1.86957
115	94	BALDWIN	962200	22	1.86364
116	123	WELLINGTON	96NT1770	288	1.84722
117	86	MARSHALL 69KV	962000	241	1.83817
118	220	SCOTTSVILLE	961J10	856	1.83762
119	93	LONGVIEW HEIGHTS	968440	229	1.78166
120	108	LAKE LAMOND	964070	1922	1.75702
121	110	AIRLINE	961S30	117	1.72650
122	57	HARRISON ROAD	9611870	2250	1.70844
123	150	TEXARKANA PLANT	966570	76	1.69737
124	230	AIRLINE	961F10	810	1.65185
125	214	HOWELL	962B80	414	1.64734
126	109	HUGHES SPRINGS	965650	531	1.64407
127	188	NORTH MINEOLA	965380	352	1.63920
128	107	LAKE LAMOND	964400	695	1.63597
129	100	SOUTHEAST MARSHALL	9610920	800	1.63375
130	63	MARSHALL 69KV	964630	1113	1.62983
131	207	LAKE LAMOND	969430	586	1.62799
132	58	LONGVIEW HEIGHTS	969240	995	1.62513
133	47	HARRISON ROAD	968040	2273	1.61989
134	139	WINNSBORO	962040	529	1.54631

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2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
135	178	POYNTER	967800	180	1.53889
136	84	SABINE	965110	435	1.52874
137	147	TEXARKANA PLANT	967960	1340	1.49701
138	1	HARRISON ROAD	9611880	2066	1.48306
139	182	CLARKSVILLE	963670	119	1.46218
140	231	KINGS HWY	969540	1888	1.45710
141	237	NASH	9615130	1433	1.45359
142	99	MINEOLA	9610990	977	1.43296
143	23	TURNERTOWN	961B10	52	1.42308
144	17	NEW GLADEWATER	9611980	1109	1.42200
145	53	WESTWOOD	963710	44	1.40909
146	77	GATES STREET	961X40	465	1.40645
147	67	PITTSBURG	965460	1435	1.39512
148	239	DAINGERFIELD	961970	662	1.38822
149	14	WEST MT PLEASANT	961L00	183	1.38798
150	9	PITTSBURG	965450	1213	1.38417
151	41	POYNTER	969550	295	1.37627
152	243	TEXARKANA PLANT	967980	152	1.36842
153	187	NEW HOPE	962120	521	1.34357
154	228	KILGORE	964650	498	1.34137
155	90	POYNTER	967590	994	1.33501
156	62	CITY LAKE	9619120	473	1.33192
157	132	RED RIVER DEPOT	9612460	13	1.30769
158	50	SOUTHEAST MARSHALL	9610160	1842	1.29587
159	92	HOOKS	9610960	1350	1.29037
160	159	SPRINGHILL	966870	1017	1.28909
161	10	LOUISIANA PACIFIC	962260	742	1.28706
162	61	HALLSVILLE	9616250	808	1.26856
163	256	ALBA	9616950	176	1.25568
164	155	MEMPHIS	96NT3025	329	1.25532
165	194	MT VERNON	969140	422	1.24882
166	38	SABINE	965120	99	1.23232
167	175	WINNSBORO	961P00	824	1.21602
168	83	SPRINGHILL	968200	785	1.21529
169	248	NORTH MARSHALL	968670	868	1.20968
170	166	TEXARKANA OPERATIONS	961S90	195	1.20513
171	202	BLOOMBURG	967350	353	1.19547
172	233	GREGGTON	961F50	322	1.19255
173	64	AIR PRODUCTS	961Y60	19	1.15789
174	149	WELLINGTON	96NT3700	743	1.14401
175	269	MT PLEASANT	961920	147	1.12245
176	195	LOUISIANA PACIFIC	968030	429	1.11655
177	259	SHAMROCK	96NT148	748	1.09626
178	39	MARSHALL 69KV	96590	736	1.07745
179	30	SOUTHEAST MARSHALL	9610170	1107	1.07588
180	212	TAYLOR STREET	966760	1111	1.07561

Service Quality Report to the Public Utility Commission of Texas

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2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
181	238	RICHMOND ROAD	965290	1377	1.06972
182	255	12TH STREET	962230	89	1.05618
183	273	CITY LAKE	9619210	95	1.04211
184	12	PETTY	968370	187	1.02674
185	154	JEFFERSON 69KV	969350	148	1.00000
186	218	AIRLINE	961N30	1954	0.92784
187	167	TENAHA	962500	404	0.85149
188	121	MONROE CORNERS	966520	222	0.84685
189	160	EVENSIDE	961F90	1776	0.83671
190	56	ATLANTA	964460	1215	0.82963
191	60	WHITNEY	961490	1441	0.82720
192	186	NEW BOSTON	969610	812	0.82389
193	223	KINGS HWY	969040	934	0.81799
194	126	HALLSVILLE	9615920	898	0.81514
195	143	NEW BOSTON	965140	1441	0.79389
196	158	CLARENDON	96NT4040	692	0.78902
197	275	RED RIVER DEPOT	9612440	69	0.75362
198	105	LAKE LAMOND	968570	780	0.71923
199	130	HOWELL	962B90	1247	0.71451
200	79	TAYLOR STREET	969510	1066	0.71201
201	104	RICHMOND ROAD	961L40	396	0.70707
202	180	GRAND SALINE	967110	1201	0.68193
203	229	COOKVILLE	961E60	124	0.66935
204	208	HOOKS	9610950	500	0.66600
205	22	LONGVIEW	965520	1200	0.66250
206	227	KILGORE	967190	788	0.65863
207	199	TEXARKANA OPERATIONS	967240	1013	0.63672
208	156	NORTH MARSHALL	969800	1071	0.61625
209	246	PLILER ROAD	9612470	3103	0.61102
210	29	WHITNEY	961480	1605	0.61059
211	264	GREGGTON	961F60	99	0.59596
212	73	COOKVILLE	961E70	207	0.58937
213	120	WHITNEY	964090	1041	0.55235
214	59	WHITNEY	964420	503	0.53082
215	122	PLILER ROAD	9610370	3348	0.52270
216	254	IPC 138KV	9616850	43	0.51163
217	7	NORTH MARSHALL	967600	698	0.50430
218	204	RICHMOND ROAD	964020	922	0.49892
219	234	BIG SANDY	967300	798	0.47870
220	135	RICHMOND ROAD	968050	1343	0.47580
221	124	DAINGERFIELD	961960	1161	0.46942
222	35	39TH STREET	961V70	49	0.46939
223	205	BIG SANDY	967310	659	0.46737
224	171	ESTELLINE	96NT3535	119	0.46218
225	101	CITY LAKE	9619220	573	0.45899
226	201	WHITNEY	964080	832	0.45433

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
227	76	CENTER	969520	1099	0.44586
228	217	LAKE LAMOND	969770	281	0.44128
229	249	HOWELL	962B60	142	0.42958
230	51	DEKALB	963200	405	0.41975
231	102	ATLANTA	962150	630	0.41905
232	111	ATLANTA	961U80	692	0.41329
233	145	LONGVIEW	965530	135	0.36296
234	252	SOUTHEAST LONGVIEW	961780	607	0.36079
235	221	39TH STREET	962630	1343	0.35517
236	225	CAREY	96NT6115	114	0.34211
237	265	TEXARKANA OPERATIONS	961S80	986	0.33874
238	68	ALBA	9612400	481	0.32848
239	80	TENAHA	962510	352	0.30966
240	200	TAYLOR STREET	964290	885	0.30734
241	91	SHAMROCK	96NT1835	233	0.30472
242	226	NAPLES SUB	968730	929	0.30355
243	18	WEST MT PLEASANT	961G70	117	0.28205
244	179	MEMPHIS	96NT3335	1130	0.25487
245	213	MT VERNON	969130	463	0.24406
246	133	LONGVIEW HEIGHTS	968430	492	0.24390
247	137	LONGVIEW	965550	104	0.24038
248	266	NASH	9614710	17	0.23529
249	198	PETTY	9611460	522	0.21264
250	251	TEXARKANA OPERATIONS	9611630	669	0.19731
251	98	WINNSBORO	962050	1186	0.19393
252	148	MT VERNON	9612760	903	0.19380
253	48	GRAND SALINE	967120	869	0.19333
254	262	HALLSVILLE	9616240	1143	0.19073
255	244	CLARKSVILLE	969180	473	0.19027
256	257	PETTY	9611470	784	0.18495
257	235	CITY LAKE	9619090	322	0.17081
258	216	AIRLINE	961F00	1066	0.16323
259	274	CENTER	962180	43	0.16279
260	127	HEDLEY	96NT5870	143	0.16084
261	138	MINEOLA	963680	862	0.15893
262	153	LONE STAR SHELL ORDNANCE	9616030	45	0.15556
263	245	TEXARKANA OPERATIONS	967830	857	0.13886
264	261	HEDLEY	96NT5845	237	0.13080
265	271	CARTHAGE	965760	926	0.11123
266	78	CARTHAGE	963360	376	0.09043
267	241	PLILER ROAD	9610380	2063	0.08434
268	276	WHITNEY	961A00	43	0.06977
269	164	SOUTHEAST LONGVIEW	964190	273	0.05495
270	260	CLARENDON	96NT5005	818	0.05379
271	169	GATES STREET	961X60	368	0.03804
272	174	39TH STREET	962610	132	0.03788

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
273	162	MONROE CORNERS	966510	83	0.03614
274	263	LOGANSPORT	965770	269	0.00372
275	129	LONGVIEW	965540	163	0.00000
276	268	LAKE LAMOND	966860	19	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

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
1	21	KILGORE	967850	117	2,828.34188
2	124	HUGHES SPRINGS	965650	531	2,143.66855
3	13	FRIARS SWITCH	965780	152	2,035.74342
4	4	NORTH LANEVILLE	9610660	485	1,936.90722
5	193	NEW BOSTON	961620	936	1,426.38462
6	94	LONDON	965950	317	1,261.86751
7	151	FRIARS SWITCH	961900	199	1,242.52764
8	9	CLARKSVILLE	963660	150	1,230.06000
9	59	KNOX LEE	961U90	182	1,150.43956
10	129	JEFFERSON 69KV	969340	975	1,102.83077
11	81	PLEASANT HILL	9611894	23	1,093.43478
12	127	NEW HOPE	968000	1,496	1,092.37500
13	120	NAPLES SUB	968720	209	1,004.14354
14	152	LEVERETTS CHAPEL	965700	155	999.76774
15	91	PITTSBURG	968680	294	954.30272
16	25	CLARKSVILLE	969200	678	944.41593
17	130	LEVERETTS CHAPEL	965200	434	942.19585
18	228	39TH STREET	961V60	592	941.68750
19	16	LONDON	965940	346	940.75723
20	17	HAWKINS	962530	109	911.18349
21	53	VIVIAN	968980	47	872.85106
22	167	TURNERTOWN	961B20	438	840.02511
23	217	DAINGERFIELD	961950	165	830.52727
24	23	FRIARS SWITCH	965790	421	820.82423
25	18	NORTH MARSHALL	968660	639	800.26135
26	32	FRIARS SWITCH	965920	250	762.64000
27	206	CARTHAGE	9610240	1,049	746.20686
28	90	BALDWIN	962200	22	739.00000
29	246	TURNERTOWN	961B00	24	711.87500
30	35	WASKOM	968180	632	697.77373
31	40	MARSHALL 69KV	96580	847	682.40614
32	69	ATLANTA	968070	255	680.07451
33	215	ROSBOROUGH	9610090	22	660.63636
34	107	IPC JEFFERSON	968020	925	644.91568
35	24	EVENSIDE	961G00	920	640.29239
36	54	TAYLOR STREET	967920	387	615.82429
37	138	CLARKSVILLE	969190	1,112	608.78597
38	133	39TH STREET	962640	518	603.50772
39	78	GATES STREET	961X70	337	601.86944
40	235	KINGS HWY	969540	1,888	599.85646
41	171	12TH STREET	966180	49	593.44898
42	210	LINDEN	9610020	340	574.87059
43	45	RODESSA	9617310	260	572.75000

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
44	65	KILGORE	963090	385	570.95844
45	28	SUPERIOR	963750	40	567.52500
46	11	AIR PRODUCTS	961Y60	19	546.68421
47	125	MORTON SALT	9615160	256	538.52344
48	268	KILGORE	967870	500	534.09800
49	126	MARSHALL 69KV	962000	241	531.33610
50	14	TURNERTOWN	961B10	52	528.51923
51	273	CITY LAKE	9619210	95	519.77895
52	43	WINFIELD	964100	106	518.45283
53	80	CITY LAKE	9619120	473	479.78013
54	15	LONDON	965930	482	465.32365
55	213	MT PLEASANT	961930	1,117	447.24799
56	115	LEVERETTS CHAPEL	9610850	387	442.45478
57	222	NAPLES SUB	963290	489	439.10020
58	12	WASKOM	967890	577	438.91508
59	30	GILMER	962450	958	434.27453
60	92	SCOTTSVILLE	961J30	476	433.07773
61	225	COOKVILLE	961E60	124	432.38710
62	250	CARTHAGE	963350	538	420.55204
63	204	HUGHES SPRINGS	961Z00	777	414.97941
64	110	VIVIAN	968990	101	413.91089
65	175	MT PLEASANT	965370	1,239	399.66828
66	62	RICHMOND ROAD	966980	1,489	389.15044
67	116	POYNTER	967590	994	385.41449
68	108	POYNTER	963270	876	382.45890
69	76	HOWELL	9613660	286	373.17832
70	68	CARTHAGE	963370	509	373.17289
71	147	LAKE LAMOND	969430	586	372.59898
72	209	LINDEN	962540	931	371.82062
73	31	AIRLINE	961S30	117	371.47009
74	67	BECKVILLE	961U50	346	370.90751
75	88	KILGORE	967860	382	367.04974
76	159	WASKOM	967900	635	365.93386
77	114	WELLINGTON	96NT1765	560	363.93571
78	244	EVENSIDE	961G10	1,065	360.85164
79	34	SPRINGHILL	968190	851	355.38190
80	63	DEKALB	962440	529	355.18336
81	99	WINFIELD	962B70	598	353.74415
82	46	CLARKSVILLE	963670	119	352.36975
83	42	WEST MT PLEASANT	961G90	250	351.78400
84	38	KILGORE	967880	1,532	344.51175
85	60	TAYLOR STREET	969510	1,066	337.42214
86	143	DAINGERFIELD	961960	1,161	335.02498
87	201	SCOTTSVILLE	961J10	856	330.92407
88	188	HAWKINS	966310	162	326.37654
89	224	NASH	9614640	245	324.60408
90	166	SABINE	965110	435	316.04368
91	117	GATES STREET	961X40	465	311.88817

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2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
92	113	HARRISON ROAD	968040	2,273	305.81522
93	55	MINEOLA	967130	1,021	303.18805
94	104	POYNTER	967800	180	302.05556
95	70	LIBERTY CITY	967990	1,075	301.11907
96	164	LAKE LAMOND	964070	1,922	296.45786
97	149	LAKE LAMOND	961380	1,932	295.90994
98	44	DEKALB	962430	880	293.47045
99	84	MT PLEASANT	965190	693	292.11255
100	207	NORTH MINEOLA	965380	352	290.69886
101	186	LOUISIANA PACIFIC	968030	429	290.50816
102	137	LONGVIEW HEIGHTS	968440	229	290.04803
103	66	WINNSBORO	961P00	824	287.02549
104	3	CENTER	962190	1,010	285.75149
105	192	TATUM	9610840	727	280.31912
106	128	MINEOLA	969360	545	275.44404
107	148	GREGGTON	962A90	556	272.69245
108	77	SPRINGHILL	968200	785	269.83949
109	189	SABINE	965130	1,569	266.95666
110	2	SABINE	965120	99	266.83838
111	242	GREGGTON	961F70	1,722	261.61150
112	212	TAYLOR STREET	966760	1,111	256.44284
113	27	HARRISON ROAD	9611880	2,066	254.36108
114	232	HAWKINS	969410	194	253.63918
115	243	NEW BOSTON	969620	378	252.31217
116	256	AIRLINE	961E90	1,323	249.27589
117	72	MONROE CORNERS	966520	222	249.18919
118	165	NASH	9615120	879	248.81570
119	57	NEW GLADEWATER	9611970	1,753	243.33999
120	131	LAKE LAMOND	964400	695	242.11799
121	85	LONGVIEW	965510	547	238.23035
122	178	NEW BOSTON	969610	812	235.83744
123	160	TEXARKANA PLANT	966570	76	235.75000
124	51	PETTY	968370	187	233.81283
125	203	BLOOMBURG	967350	353	232.97734
126	123	WELLINGTON	96NT1770	288	232.19444
127	58	LONGVIEW HEIGHTS	969240	995	231.76181
128	158	DAINGERFIELD	961970	662	230.76737
129	20	LONGVIEW HEIGHTS	961B40	1,994	230.71615
130	5	CENTER	968140	996	230.23092
131	74	PITTSBURG	965460	1,435	230.18537
132	267	MT PLEASANT	961920	147	225.98639
133	29	SOUTHEAST MARSHALL	9610180	1,457	219.95745
134	249	TEXARKANA PLANT	967970	208	218.43750
135	184	POYNTER	967680	837	217.49940
136	105	TAYLOR STREET	965080	476	217.40756
137	221	HAWKINS	962520	416	213.27885
138	121	LAKE LAMOND	966850	557	206.64452
139	37	SHAMROCK	96NT144	634	200.30284
140	87	CLARKSVILLE	969210	826	200.17433

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
141	96	HOWELL	962B90	1,247	197.62149
142	102	LONGVIEW	965530	135	196.12593
143	195	HOWELL	962B80	414	195.76812
144	173	KILGORE	963150	599	195.15192
145	95	EVENSIDE	961F90	1,776	191.70270
146	237	KINGS HWY	969040	934	191.57281
147	64	SOUTHEAST MARSHALL	9610160	1,842	190.48643
148	7	PITTSBURG	965450	1,213	189.08739
149	260	SUGAR HILL	962370	404	187.47030
150	112	GREGGTON	961V20	1,611	186.67163
151	223	TEXARKANA OPERATIONS	961S90	195	184.49744
152	111	NEW HOPE	962120	521	179.64107
153	145	GILMER	962490	1,601	178.69394
154	101	ATLANTA	962150	630	176.88730
155	134	KINGS HWY	969030	912	175.58991
156	170	TEXARKANA PLANT	967960	1,340	175.17612
157	136	MT PLEASANT	965360	683	172.02635
158	144	SOUTHEAST MARSHALL	967580	900	171.97889
159	6	WEST MT PLEASANT	961L00	183	171.07650
160	52	ATLANTA	962140	1,742	164.20608
161	229	BECKVILLE	969120	308	162.41883
162	180	WHITNEY	964090	1,041	162.41787
163	269	TAYLOR STREET	96220	1,374	161.80786
164	154	NEW BOSTON	965140	1,441	161.08744
165	231	KILGORE	967190	788	160.06218
166	248	NASH	9615130	1,433	159.74110
167	182	LONGVIEW	966770	1,074	158.48138
168	199	GILMER	962480	626	156.31789
169	142	MINEOLA	9610990	977	153.88025
170	179	RICHMOND ROAD	965290	1,377	151.58751
171	261	SHAMROCK	96NT148	748	150.68316
172	174	HOOKS	9610960	1,350	147.90667
173	238	AIRLINE	961F10	810	147.05185
174	93	HARRISON ROAD	9611870	2,250	146.94933
175	275	RED RIVER DEPOT	9612440	69	146.56522
176	155	RICHMOND ROAD	961L40	396	145.29040
177	208	RICHMOND ROAD	964020	922	145.25922
178	198	WELLINGTON	96NT3700	743	142.86541
179	122	ATLANTA	964460	1,215	142.72263
180	97	SOUTHEAST MARSHALL	9610920	800	140.83000
181	109	WHITNEY	961490	1,441	140.24566
182	169	WINNSBORO	962040	529	132.02457
183	156	SPRINGHILL	966870	1,017	130.20551
184	194	NORTH MARSHALL	969800	1,071	130.17180
185	47	NEW GLADEWATER	9611980	1,109	129.77818
186	177	MARSHALL 69KV	964630	1,113	123.64690
187	75	POYNTER	969550	295	122.85763
188	86	LONGVIEW HEIGHTS	969000	892	122.66480
189	100	DEKALB	963200	405	121.82716

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AEP Southwestern Electric Power

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
190	253	HOWELL	962B60	142	121.50704
191	233	TEXARKANA PLANT	967980	152	118.84868
192	132	TENAHA	962500	404	115.10891
193	181	RICHMOND ROAD	968050	1,343	114.54579
194	230	KILGORE	964650	498	112.08434
195	157	BIG SANDY	967310	659	111.63126
196	264	ALBA	9616950	176	111.26705
197	73	LOUISIANA PACIFIC	962260	742	111.03235
198	150	MT VERNON	969140	422	108.49526
199	36	39TH STREET	961V70	49	107.48980
200	190	AIRLINE	961N30	1,954	106.72774
201	161	TEXARKANA OPERATIONS	967240	1,013	106.68016
202	19	CLARENDON	96NT4040	692	105.93353
203	48	SOUTHEAST MARSHALL	9610170	1,107	103.73622
204	254	LAKE LAMOND	969440	290	102.56552
205	234	BIG SANDY	967300	798	96.95113
206	139	GREGGTON	961F50	322	91.82298
207	50	WESTWOOD	963710	44	87.56818
208	168	HALLSVILLE	9615920	898	85.89866
209	259	TEXARKANA OPERATIONS	961S80	986	84.30730
210	220	MEMPHIS	96NT3025	329	84.30395
211	211	PLILER ROAD	9612470	3,103	83.35288
212	162	GRAND SALINE	967110	1,201	82.01915
213	89	MARSHALL 69KV	96590	736	80.24185
214	8	CENTER	969520	1,099	76.62693
215	140	LAKE LAMOND	968570	780	76.37436
216	79	LONGVIEW	965520	1,200	76.25167
217	227	NORTH MARSHALL	968670	868	75.85253
218	49	HALLSVILLE	9616250	808	75.58168
219	219	CAREY	96NT6115	114	74.68421
220	103	NORTH MARSHALL	967600	698	74.14756
221	185	LONGVIEW HEIGHTS	968430	492	72.21748
222	61	COOKVILLE	961E70	207	70.69082
223	214	39TH STREET	962630	1,343	70.44229
224	218	HOOKS	9610950	500	69.08600
225	39	WHITNEY	964420	503	68.44533
226	98	PETTY	9611460	522	67.36398
227	257	IPC 138KV	9616850	43	63.37209
228	118	PLILER ROAD	9610370	3,348	63.35723
229	172	WHITNEY	964080	832	62.10457
230	163	RED RIVER DEPOT	9612460	13	59.84615
231	262	GREGGTON	961F60	99	59.53535
232	141	CITY LAKE	9619220	573	58.80628
233	22	WEST MT PLEASANT	961G70	117	58.55556
234	252	12TH STREET	962230	89	56.32584
235	241	AIRLINE	961F00	1,066	54.04972
236	183	MT VERNON	969130	463	51.43413
237	187	TAYLOR STREET	964290	885	50.46102
238	258	TEXARKANA OPERATIONS	9611630	669	48.97608

Service Quality Report to the Public Utility Commission of Texas

AEP Southwestern Electric Power

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
239	255	PETTY	9611470	784	48.36990
240	239	LAKE LAMOND	969770	281	47.06050
241	56	WHITNEY	961480	1,605	46.32212
242	251	SOUTHEAST LONGVIEW	961780	607	45.00494
243	196	ESTELLINE	96NT3535	119	43.65546
244	205	NAPLES SUB	968730	929	41.51346
245	83	ATLANTA	961U80	692	41.28468
246	135	GRAND SALINE	967120	869	39.54430
247	10	SHAMROCK	96NT1835	233	39.43777
248	1	TENAHA	962510	352	37.76420
249	216	JEFFERSON 69KV	969350	148	36.06081
250	176	MINEOLA	963680	862	35.55336
251	247	CITY LAKE	9619090	322	34.89130
252	41	ALBA	9612400	481	32.86071
253	33	MT VERNON	9612760	903	32.39867
254	153	WINNSBORO	962050	1,186	31.38786
255	274	CENTER	962180	43	28.00000
256	197	MEMPHIS	96NT3335	1,130	27.91770
257	200	HEDLEY	96NT5870	143	27.37063
258	240	CLARKSVILLE	969180	473	27.35729
259	106	LONGVIEW	965550	104	26.00000
260	82	LONE STAR SHELL ORDNANCE	9616030	45	19.15556
261	236	PLILER ROAD	9610380	2,063	18.71643
262	226	TEXARKANA OPERATIONS	967830	857	13.93466
263	119	SOUTHEAST LONGVIEW	964190	273	12.26007
264	270	NASH	9614710	17	12.00000
265	265	HALLSVILLE	9616240	1,143	11.27122
266	263	CLARENDON	96NT5005	818	10.82518
267	266	HEDLEY	96NT5845	237	9.35443
268	202	39TH STREET	962610	132	9.03030
269	26	CARTHAGE	963360	376	8.73404
270	272	CARTHAGE	965760	926	8.06587
271	146	MONROE CORNERS	966510	83	4.46988
272	245	LOGANSPOUT	965770	269	3.15242
273	191	GATES STREET	961X60	368	3.08967
274	276	WHITNEY	961A00	43	1.53488
275	71	LONGVIEW	965540	163	0.00000
276	271	LAKE LAMOND	966860	19	0.00000

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.

2022 Reporting Year

Causes of Forced Interruptions	Percentage
Vegetation	39.7%
Weather (including lightning)	31.0%
Utility-Owned Equipment	13.5%
Animals and Birds	8.3%
People (including cars and farm eqpt)	3.3%
Unknown	2.7%
Other	1.5%

ADDENDUM TO SERVICE QUALITY REPORT

Clarksville 963660 – This is a 12.5 kV circuit originating from a substation near State Hwy 80 in northwestern Gregg County and serving customers in Clarksville, White Oak, and Longview. It is approximately 26 miles in length and serves 150 customers. The SAIDI results for this circuit in 2020 and 2021 were 1,458 and 911, respectively, exceeding the Commission’s standard in consecutive years. The entire circuit was inspected in 2021, since which time SWEPCO has been performing maintenance and system improvement work to replace deteriorated facilities and to address reliability issues. An incidental amount of vegetation management was performed during 2021 for minor hot spotting and outage restoration. The circuit is scheduled for extensive trimming in 2023.

The following files are not convertible:

2023 SWEPCO-TX SQR 02072023.xls

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact centralrecords@puc.texas.gov if you have any questions.