



Control Number: 50413



Item Number: 10

Addendum StartPage: 0

RECEIVED
2020 FEB 14 PM 2:44
PUBLIC UTILITY COMMISSION
FILING CLERK

Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2019 Reporting Year

AEP Texas Inc.

Project 50413

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2019	1.30603	0.08763	0.06702	0.08513	0.13732	0.1399	0.13759	0.12728	0.12542	0.12063	0.1232	0.07145	0.08345
Scheduled													
2019	0.08658	0.00698	0.00604	0.00735	0.00876	0.00847	0.00937	0.0065	0.00701	0.00605	0.00992	0.00479	0.00535
Outside Causes													
2019	0.23975	0.01211	0.013	0.03557	0.01801	0.03661	0.02959	0.01334	0.0025	0.01482	0.02937	0.02598	0.00886
Major Events													
2019	0.13712					0.05922	0.06255				0.01536		

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2019	146.1546	9.27822	7.6543	8.26321	16.6059	17.4334	18.169	15.1434	13.1401	9.9681	13.7063	8.28041	8.51229
Scheduled													
2019	9.24566	0.74528	0.73389	0.88932	1.06536	0.92252	0.75389	0.63795	0.7807	0.68064	0.87002	0.58299	0.5831
Outside Causes													
2019	18.53777	1.12839	1.14745	2.00751	1.481	3.59373	1.0609	0.56686	0.13415	1.13149	1.40549	4.24289	0.6379
Major Events													
2019	56.38206					13.7423	35.0472				7.59255		

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

1220

Add or Delete Rows as Necessary

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1	510	RODD FIELD	94CS225	243	27.938
2	308	PECOS VALLEY	97SA4075	21	13.619
3	236	LA PRYOR	94LA570	157	10.376
4	2	ALPINE 12KV	97SA3875	625	10.051
5	97	LAGUNA	94CS9065	2356	10.048
6	284	NAVAL BASE	94CS7950	313	9.454
7	40	SOUTH EAST EDINBURG	94SB6580	445	8.663
8	218	HEARN ROAD	94CS870	1184	7.848
9	636	MAVERICK	94LA9680	771	7.065
10	143	MOORE FIELD	94SB3120	149	7.013
11	978	HARLINGEN SWITCH	94SB4110	853	6.736
12	23	ALAZAN	94CS620	163	6.730
13	891	ODEM	94CS385	470	6.711
14	4	RAYMONDVILLE #2	94SB3250	26	6.462
15	3	LAGUNA	94CS9590	3186	6.350
16	222	KENEDY	94CN1970	564	6.264
17	28	BANQUETTE	94CS9000	457	6.158
18	573	ELDORADO	97SA1845	748	6.039
19	62	ELSA	94SB700	1484	6.030
20	155	GILA	94CS345	66	5.758
21	331	WEST OSO	94CS9090	1648	5.553
22	539	MALONE	94CN7550	192	5.510
23	93	SPUDDER FLAT	97SA4180	47	5.468
24	306	CARANCAHUA	94CN5870	76	5.461
25	#N/A	ASHERTON	94LA5495	608	5.406
26	146	CLARKWOOD	94CS7230	602	5.208
27	985	PARKER	94CN9010	20	5.200
28	305	PLEASANTON	94LA9475	1346	5.169
29	401	BAIRD	97AB5125	594	5.153
30	466	ROBSTOWN	94CS1650	363	5.088
31	185	SARAGOSA	97SA1590	105	4.981
32	56	PRAIRIE PUMP	94CN1940	79	4.937
33	335	LIVE OAK	94CS1070	2517	4.917
34	81	EAGLE LAKE	94CN320	622	4.712
35	609	STAFFORD HILL	94CN1550	228	4.636
36	607	EDROY	94CS6990	281	4.633
37	268	MORRIS STREET	94CS8820	1216	4.573
38	929	PHARR	94SB1625	1743	4.474
39	92	CAUSEWAY	94SB4765	973	4.425
40	667	ZAPATA	94LA2710	1306	4.413
41	291	NORTH MERCEDES	94SB4860	1488	4.397
42	113	AB RAINEY CREEK	97AB4550	995	4.341
43	533	AB RAINEY CREEK	97AB4225	116	4.284

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
44	44	WOOLRIDGE	94CS1120	2725	4.274
45	281	GRETA	94CN7890	265	4.230
46	626	SOUTH SANTA ROSA	94SB1235	637	4.226
47	263	LIVE OAK	94CS1080	1329	4.166
48	78	GREGORY	94CS420	455	4.163
49	761	MOORE FIELD	94SB3110	679	4.158
50	72	BROWNSVILLE	94SB3050	1989	4.144
51	261	BANQUETTE	94CS130	228	4.136
52	1190	SWENSON	97AB136	27	4.111
53	158	NORTH PADRE ISLAND	94CS5170	1292	4.102
54	355	LA PRYOR	94LA580	255	3.953
55	734	CONTINENTAL	94SB3650	17	3.941
56	135	THREE RIVERS	94CN8430	195	3.903
57	634	CAUSEWAY	94SB4795	1234	3.818
58	1029	EAGLE PASS CITY	94LA450	954	3.753
59	365	WEST HARLINGEN	94SB3700	1802	3.715
60	742	ODEM	94CS375	1035	3.705
61	215	LULING - LCRA	94CN10	406	3.653
62	389	BAY CITY	94CN1110	1236	3.644
63	303	FT CHADBOURNE	97SA6515	86	3.628
64	233	NORTH MERCEDES	94SB3840	663	3.570
65	176	PALMHURST	94SB1300	2188	3.559
66	106	ANNA STREET	94LA2250	1524	3.549
67	80	GILA	94CS350	144	3.549
68	1126	BAIRD	97AB5120	449	3.514
69	189	MALONE	94CN7560	116	3.509
70	292	UVALDE	94LA6620	2808	3.504
71	1128	LAREDO PLANT	94LA8695	1400	3.502
72	1016	SANTA RITA	97SA1100	110	3.500
73	856	MOCKINGBIRD	94CN305	312	3.381
74	661	CLIMAX/BRADSHAW	97AB11301	63	3.381
75	518	MORRIS STREET	94CS7465	787	3.376
76	507	PORT ARANSAS	94CS6940	1530	3.356
77	160	ARMSTRONG	94CS6050	80	3.338
78	51	SHROPSHIRE	94CN3575	33	3.333
79	76	EAST HARRISON	94SB3190	1490	3.332
80	7	RIO RICO	94SB8290	289	3.322
81	931	PORT ISABEL S.S.	94SB3760	728	3.312
82	364	AIRLINE	94CS9030	412	3.311
83	1072	HIGHLAND	97SA6370	268	3.299
84	132	WESMER	94SB7760	2545	3.295
85	1096	AB EAST 12KV	97AB5760	208	3.279
86	615	POLK AVENUE	94SB4900	2938	3.275
87	50	WESMER	94SB9705	1071	3.256
88	270	MORRIS STREET	94CS8840	648	3.244
89	759	HIGHWAY 9	94CS6730	541	3.226
90	794	HOLLY	94CS9675	1778	3.218
91	514	AB ELM CREEK	97AB4775	890	3.215

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
92	313	MOORE FIELD	94SB3960	2110	3.214
93	153	HEARN ROAD	94CS8990	1300	3.213
94	1061	WEST OSO	94CS9085	923	3.212
95	436	PLACEDO	94CN7980	426	3.211
96	95	MCCAMEY	97SA2415	151	3.205
97	562	DEL MAR	94LA3440	1477	3.198
98	720	VILLA CAVAZOS	94SB5680	1839	3.176
99	712	DIMMIT	94LA4120	1314	3.148
100	394	THREE RIVERS	94CN5100	70	3.143
101	894	JUNCTION	97SA4340	800	3.138
102	64	ALBANY	97AB2029	231	3.134
103	#N/A	MCCOLL ROAD	94SB5485	1040	3.104
104	231	AB ONYX REA	97AB3260	136	3.103
105	442	RISING STAR	97AB5080	588	3.100
106	652	GOODWIN	94SB3530	320	3.097
107	357	PALACIOS	94CN8550	45	3.089
108	254	PETTUS	94CN1020	461	3.078
109	599	POLK AVENUE	94SB4740	1681	3.071
110	258	GILA	94CS7840	765	3.067
111	315	RODD FIELD	94CS3010	2023	3.045
112	141	CROSS PLAINS	97AB2920	568	3.042
113	647	SANTO NINO	94LA515	2195	3.022
114	310	ARANSAS PASS	94CS590	410	3.000
115	298	OLMITO	94SB715	637	2.992
116	815	RACHAL	94LA6595	331	2.988
117	241	EAGLE LAKE	94CN310	723	2.934
118	726	BEN FICKLIN	97SA6175	715	2.933
119	695	MOCKINGBIRD	94CN400	405	2.899
120	109	MAYO	94CS625	201	2.886
121	237	CITRUS CITY	94SB6000	2251	2.862
122	973	MAGNOLIA	94CN315	77	2.857
123	352	GREGORY	94CS5900	108	2.852
124	739	RODD FIELD	94CS2190	2899	2.831
125	951	DEL MAR	94LA490	789	2.828
126	822	MINES ROAD	94LA3680	1202	2.823
127	68	MORRIS STREET	94CS8715	1614	2.814
128	63	ARCADIA	94CS8570	1445	2.807
129	21	CHILDRESS 69	97AB1480	291	2.787
130	187	SANTA RITA	97SA1105	72	2.778
131	129	BRUNI	94LA5440	132	2.773
132	1084	SA CONCHO	97SA1705	898	2.768
133	351	FALFURRIAS	94LA1080	448	2.759
134	764	SHARYLAND	94SB5105	1785	2.743
135	57	ALPINE 12KV	97SA3155	1148	2.740
136	564	KLEBERG	94CS8140	643	2.729
137	641	HOLLY	94CS1480	1703	2.701
138	60	LOS FRESNOS	94SB4315	1120	2.698
139	255	WEIL TRACT (138/12KV)	94CS5405	172	2.698

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
140	38	PECOS VALLEY	97SA4080	119	2.697
141	1031	BERCLAIR	94CN990	208	2.697
142	197	BEEVILLE	94CN8510	813	2.692
143	182	PALMHURST	94SB2535	2346	2.663
144	873	HIDALGO	94SB3400	891	2.661
145	704	PECAN BAYOU	97AB6810	429	2.660
146	837	NIXON	94CN2025	513	2.655
147	294	PERKINS PROTHO	97SA3180	23	2.652
148	451	GANADO	94CN5795	472	2.642
149	478	ALAZAN	94CS2740	35	2.629
150	395	EAGLE LAKE	94CN9455	596	2.614
151	348	BIG OAK	94CN420	152	2.605
152	440	STADIUM	94LA7490	1304	2.595
153	221	SOUTHSIDE	94CS8045	965	2.588
154	777	WASHINGTON STREET	94LA6525	2070	2.585
155	936	UVALDE	94LA9770	948	2.574
156	707	GARWOOD CITY	94CN2570	141	2.567
157	513	BLACK BAYOU	94CN1120	314	2.557
158	142	GOLIAD	94CN6540	1213	2.552
159	900	NORTH VICTORIA	94CN7770	824	2.549
160	180	SOUTHSIDE	94CS7955	1060	2.548
161	369	KINGSVILLE	94CS1660	1971	2.543
162	453	NORTH VICTORIA	94CN6390	1510	2.539
163	408	RAYMONDVILLE #2	94SB3240	938	2.522
164	790	CLYDE	97AB1755	131	2.519
165	975	SAN BENITO	94SB3910	1784	2.516
166	948	MOCKINGBIRD	94CN370	37	2.514
167	404	SOUTHSIDE	94CS7925	1274	2.508
168	578	CHARLOTTE	94LA2780	56	2.500
169	701	SOUTHSIDE	94CS8025	1055	2.481
170	882	CHARLOTTE	94LA1960	499	2.479
171	405	PORT ARANSAS	94CS990	1346	2.473
172	144	PREMONT	94LA6570	761	2.473
173	227	WESLACO UNIT	94SB7630	2574	2.470
174	646	VERNON	97AB4275	597	2.469
175	645	DUNE FIELD (N CRANE)	97SA3885	73	2.466
176	133	JOURDANTON	94LA7880	589	2.457
177	#N/A	HOEFFS ROAD	97SA15680	11	2.455
178	728	AB VOGEL ST	97AB4405	576	2.453
179	557	CONTINENTAL	94SB4080	66	2.424
180	459	SOUTHSIDE	94CS8055	857	2.410
181	217	RIO GRANDE CITY	94SB3740	2334	2.409
182	128	GOVERNMENT WELLS	94LA6800	223	2.404
183	689	RANKIN	97SA5735	188	2.394
184	1073	MCKENZIE ROAD	94CS150	23	2.391
185	79	RAYMONDVILLE #2	94SB3170	742	2.391
186	716	MARKHAM	94CN5550	21	2.381
187	14	TATTON	94CN8490	347	2.375

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
188	17	EL GATO	94SB720	2492	2.370
189	168	GOVERNMENT WELLS	94LA7240	223	2.359
190	1021	STADIUM	94LA7800	673	2.345
191	1022	RODD FIELD	94CS245	2878	2.344
192	329	SOUTH SANTA ROSA	94SB1225	854	2.343
193	216	MCCOLL ROAD	94SB4400	1455	2.326
194	384	MASTERTON FIELD	97SA800	189	2.323
195	360	SINTON	94CS180	955	2.320
196	690	ZAPATA	94LA8290	489	2.315
197	868	PUEBLO	94LA95	1272	2.310
198	531	MIDWAY LANE	97SA3440	65	2.308
199	376	HOLLY	94CS1950	827	2.304
200	#N/A	VERHALEN	97SA14765	20	2.300
201	19	HARLINGEN SWITCH	94SB4230	1359	2.293
202	86	KLEBERG	94CS280	1320	2.291
203	238	POINT COMFORT	94CN6060	361	2.280
204	393	ARANSAS PASS	94CS660	741	2.278
205	860	ALPINE 12KV	97SA6825	1959	2.278
206	462	RIO PECOS	97SA3835	123	2.276
207	604	SARAGOSA	97SA1552	774	2.274
208	976	HOLLY	94CS7620	2707	2.258
209	207	CISCO	97AB7400	820	2.255
210	966	PECAN BAYOU	97AB6815	1511	2.244
211	330	RAYMONDVILLE #2	94SB1280	990	2.237
212	746	LAREDO PLANT	94LA8745	752	2.225
213	542	WASHINGTON STREET	94LA7015	1529	2.218
214	171	LAREDO PLANT	94LA9305	1068	2.216
215	98	KLEBERG	94CS9395	1278	2.214
216	1023	HOLLY	94CS1220	3374	2.210
217	833	ENCINAL	94LA2160	231	2.208
218	174	BEEVILLE	94CN1760	1817	2.204
219	#N/A	ASHERTON	94LA4175	89	2.191
220	83	CABANISS	94CS80	1328	2.187
221	250	WADSWORTH	94CN7660	1420	2.186
222	842	HOLLY	94CS7740	2201	2.183
223	465	NORTH PADRE ISLAND	94CS720	1307	2.181
224	319	EAGLE PASS CITY	94LA2770	2980	2.176
225	536	CHILDRESS 20TH ST	97AB5720	178	2.169
226	675	VILLA CAVAZOS	94SB7615	1065	2.161
227	725	BAY CITY	94CN6670	1614	2.154
228	670	WEST MCALLEN	94SB4815	668	2.150
229	419	BIG WELLS	94LA2630	29	2.138
230	74	JOURDANTON	94LA250	770	2.134
231	338	ELSA	94SB3500	1263	2.131
232	947	SA COKE ST	97SA4910	1766	2.126
233	140	HEARN ROAD	94CS8980	1255	2.124
234	13	BLESSING	94CN1030	282	2.110
235	576	PUEBLO	94LA130	1438	2.110

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
236	226	NORTH EDINBURG	94SB560	1910	2.100
237	1136	SAN BENITO	94SB3860	230	2.100
238	984	SOUTH MCALLEN	94SB3935	1006	2.099
239	411	FULTON	94CS9050	1640	2.098
240	782	RUSSEK STREET	97SA11370	204	2.088
241	1145	HAMILTON ROAD	94LA9645	288	2.087
242	1154	VALENTINE	97SA5590	211	2.081
243	1054	KNOX CITY	97AB3300	466	2.075
244	640	FALFURRIAS	94LA2830	1468	2.074
245	213	PHARR	94SB1640	1380	2.072
246	638	ABILENE PLANT	97AB1735	83	2.072
247	699	RANKIN	97SA7425	116	2.069
248	212	ELDORADO	97SA2880	349	2.069
249	161	QUANAH	97AB100	90	2.067
250	1099	SONORA ATLANTIC (SWTEC)	97SA4415	31	2.065
251	491	MAYBERRY	94SB1790	1798	2.058
252	566	RODD FIELD	94CS205	2049	2.058
253	606	EL CAMPO	94CN6370	746	2.024
254	45	SONORA 138 SUB	97SA4810	915	2.024
255	452	SOUTH SANTA ROSA	94SB1215	1668	2.016
256	24	PREMONT	94LA2730	194	2.015
257	703	CRYSTAL CITY	94LA7425	436	2.007
258	115	PALMHURST	94SB3890	2747	2.005
259	66	WEST MCALLEN	94SB4555	1665	2.002
260	9	FOSTER FIELD	94CN2550	57	2.000
261	623	PEARSALL	94LA7050	960	1.998
262	741	ZAPATA	94LA8300	2057	1.997
263	156	PREMONT	94LA6610	821	1.991
264	467	RULE	97AB3396	428	1.991
265	596	ACME BESTWALL	97AB4150	65	1.985
266	164	AIRLINE	94CS7280	642	1.983
267	781	LULING - LCRA	94CN20	281	1.982
268	463	MESA VIEW	97SA7045	102	1.980
269	544	WINTERS	97SA2113	805	1.979
270	333	PORT ISABEL S.S.	94SB9295	2304	1.972
271	1030	RODD FIELD	94CS1730	2192	1.972
272	274	MORRIS STREET	94CS5655	379	1.960
273	662	LANTANA	94CS7150	268	1.959
274	611	ARCADIA	94CS1450	2000	1.954
275	34	PORT LAVACA	94CN8310	352	1.949
276	656	UVALDE	94LA5060	1291	1.947
277	426	GOODWIN	94SB4380	1556	1.946
278	827	MATHIS	94CS1410	469	1.934
279	131	AB WALNUT ST	97AB3785	544	1.923
280	635	SAN BENITO	94SB4030	2723	1.916
281	714	SOUTH SANTA ROSA	94SB7485	1081	1.907
282	39	MCKENZIE ROAD	94CS140	277	1.906
283	325	PLEASANTON	94LA120	1244	1.901

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
284	737	ARCADIA	94CS5020	1445	1.876
285	399	DEVINE	94LA7090	994	1.874
286	954	ROARING SPRINGS	97AB2065	213	1.869
287	801	PALACIOS	94CN6830	842	1.867
288	768	CARRIZO SPRINGS	94LA750	575	1.863
289	526	EAST HARRISON	94SB3030	684	1.857
290	416	ODEM	94CS5575	68	1.853
291	654	KARNES CITY	94CN2315	1027	1.852
292	122	PETTUS	94CN8210	329	1.851
293	1	JOURDANTON	94LA5685	354	1.831
294	808	MARFA	97SA1905	1133	1.826
295	1077	SANTA ANNA	97SA3415	336	1.824
296	551	CHRISTOVAL	97SA6615	423	1.823
297	879	SOUTH EAST EDINBURG	94SB4570	1900	1.819
298	937	NORTH VICTORIA	94CN7430	1684	1.796
299	240	KINGSVILLE	94CS1350	391	1.785
300	372	FREER	94LA1500	201	1.776
301	15	EAST HARRISON	94SB3950	675	1.775
302	877	LANTANA	94CS4095	191	1.759
303	172	NORTH VICTORIA	94CN7440	1616	1.752
304	262	SA LAKE DR	97SA6030	758	1.751
305	5	RIO RICO	94SB8330	451	1.729
306	1104	ROCKSPRINGS	94LA8040	350	1.726
307	110	CABANISS	94CS75	2219	1.715
308	314	DEVINE	94LA8100	1585	1.705
309	629	GOODWIN	94SB7380	1882	1.698
310	415	ARCADIA	94CS1440	1653	1.697
311	293	KARNES CITY	94CN2325	659	1.697
312	354	AMISTAD DAM	94LA5450	1284	1.694
313	196	HAINE DRIVE	94SB9690	592	1.688
314	127	PARKER	94CN9260	111	1.685
315	482	PORT ISABEL S.S.	94SB4070	275	1.684
316	512	PUEBLO	94LA275	2806	1.680
317	184	HIGHWAY 9	94CS6760	966	1.672
318	181	BROWNSVILLE	94SB4290	505	1.667
319	283	BEEVILLE	94CN300	1658	1.663
320	908	PLEASANTON	94LA2080	1637	1.662
321	188	DILLEY	94LA510	556	1.660
322	540	KITTIE WEST	94CN3760	237	1.658
323	362	SAN DIEGO	94LA1980	587	1.654
324	12	KITTIE WEST	94CN3765	317	1.650
325	430	SOUTH SANTA ROSA	94SB1240	1605	1.639
326	1079	AB ELMDALE	97AB4520	263	1.639
327	1011	KEPLER	94CS1700	22	1.636
328	370	NORTH MCALLEN	94SB5060	2493	1.623
329	84	TUSCOLA	97AB3730	1419	1.619
330	718	YORKTOWN	94CN3130	475	1.617
331	99	RIO RICO	94SB5050	1803	1.607

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
332	265	TRENT	97AB4245	179	1.603
333	116	SOUTH EAST EDINBURG	94SB5045	2185	1.599
334	260	HARLINGEN SWITCH	94SB320	1572	1.577
335	669	WESMER	94SB4050	1943	1.574
336	710	RACHAL	94LA8145	348	1.569
337	139	KLEBERG	94CS1560	1447	1.569
338	75	CARRIZO SPRINGS	94LA370	544	1.563
339	124	PEARSALL	94LA5580	837	1.556
340	94	WESMER	94SB6900	1633	1.549
341	198	PALACIOS	94CN6840	1506	1.546
342	460	RISING STAR	97AB5075	655	1.545
343	480	WINTERS	97SA3765	804	1.541
344	11	ALICE	94LA2530	1476	1.536
345	445	BEN FICKLIN	97SA6180	1072	1.535
346	691	CITRUS CITY	94SB9775	1539	1.530
347	279	YELLOW JACKET	97SA5505	529	1.526
348	688	HEIGHTS	94LA6810	2078	1.523
349	147	WEIL TRACT (138/12KV)	94CS2520	79	1.519
350	632	CISCO	97AB6530	524	1.515
351	125	PORT ISABEL S.S.	94SB3820	181	1.514
352	77	CLARKWOOD	94CS5525	666	1.512
353	290	PALMHURST	94SB2525	2175	1.507
354	70	PHARR	94SB1645	2373	1.507
355	525	BUSH KNOB	97AB5200	287	1.505
356	769	AB SHELTON ST	97AB3050	641	1.504
357	247	PHARAOH	94CS5175	1287	1.502
358	61	LAREDO PLANT	94LA8505	997	1.497
359	473	YELLOW JACKET	97SA7935	792	1.491
360	797	MATHIS	94CS340	1377	1.483
361	242	HOLLY	94CS5820	918	1.478
362	269	BLESSING	94CN8790	772	1.468
363	472	EL CAMPO	94CN2860	1484	1.464
364	443	KLEBERG	94CS6410	246	1.463
365	1067	MCCAMEY	97SA2855	82	1.463
366	849	COTULLA	94LA460	511	1.458
367	700	HAMILTON ROAD	94LA9665	1241	1.458
368	150	EL GATO	94SB780	1799	1.457
369	151	SOUTHSIDE	94CS8005	746	1.456
370	312	RIO GRANDE CITY	94SB3220	1361	1.454
371	876	REFUGIO	94CN1210	182	1.451
372	469	GANADO	94CN5815	600	1.450
373	199	NORTH ALAMO	94SB4370	1582	1.447
374	211	HOLLY	94CS1370	1890	1.444
375	22	ALPINE 12KV	97SA3160	1003	1.444
376	1012	WOODSBORO	94CS8330	290	1.441
377	1068	SA NORTH	97SA3120	1111	1.440
378	173	HAMLIN SHELL	97AB6330	25	1.440
379	960	SA NORTH	97SA3125	1256	1.437

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
380	499	SAN DIEGO	94LA2930	571	1.436
381	735	HALL ACRES ROAD	94SB5585	1444	1.430
382	723	ASPERMONT	97AB1070	319	1.429
383	468	KIRKLAND	97AB3545	28	1.429
384	457	SONORA	97SA2045	617	1.425
385	830	WOOLRIDGE	94CS1170	2140	1.424
386	89	MCELROY	97SA5165	104	1.423
387	1038	ALICE	94LA1790	464	1.420
388	152	SOUTHSIDE	94CS7995	1564	1.414
389	1005	HARLINGEN	94SB370	1208	1.411
390	898	STADIUM	94LA6950	529	1.406
391	162	EL CAMPO	94CN2800	822	1.401
392	87	CASA BLANCA	94CS4170	1062	1.400
393	709	GATEWAY	94LA5055	1723	1.398
394	1161	JAYTON	97AB6125	351	1.393
395	502	PUTNAM	97AB2129	217	1.382
396	919	PUTNAM	97AB2131	123	1.382
397	386	BISHOP	94CS7180	918	1.376
398	477	WADSWORTH	94CN8630	672	1.374
399	454	PALMVIEW	94SB9685	2879	1.372
400	409	MCCOLL ROAD	94SB1655	1033	1.371
401	31	ALICE	94LA2540	982	1.369
402	1172	COLLEGE HILLS	97SA4845	416	1.368
403	679	BAY CITY	94CN6450	937	1.367
404	642	PALMHURST	94SB2820	1787	1.367
405	42	HAINE DRIVE	94SB9240	33	1.364
406	447	SA GRAPE CREEK	97SA5365	811	1.361
407	597	EL CAMPO	94CN7710	1057	1.360
408	96	EDNA	94CN5765	1118	1.353
409	601	TYNAN	94CS1855	136	1.353
410	555	CHILDRESS 69	97AB4865	767	1.351
411	823	EL CAMPO	94CN5745	915	1.350
412	203	CRESTONIO	94LA270	619	1.347
413	316	HALL ACRES ROAD	94SB3460	3129	1.340
414	194	PHARAOH	94CS1285	1780	1.334
415	957	PUEBLO	94LA9870	1363	1.334
416	752	EOLA	97SA4950	238	1.328
417	170	COLUMBUS	94CN9060	368	1.323
418	320	AB RAINEY CREEK	97AB4270	1402	1.315
419	530	CISCO	97AB1020	423	1.312
420	111	O CONNER	94CN390	197	1.305
421	585	ASPR CONTINENTAL	97AB4800	33	1.303
422	923	AB MCMURRY	97AB4510	827	1.302
423	869	ANSON REA (SEC)	97AB5215	245	1.302
424	126	VERHALEN	97SA4465	30	1.300
425	1113	HAINE DRIVE	94SB9700	1113	1.298
426	995	CHRISTOVAL	97SA6620	597	1.296
427	565	HIGHWAY 9	94CS6720	1301	1.295

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
428	178	SINTON	94CS6860	1656	1.292
429	73	SUN VALLEY	97SA4300	69	1.290
430	875	MCKENZIE ROAD	94CS330	2397	1.286
431	423	GARCENO	94SB2135	1423	1.285
432	406	SUNCHASE	94SB1150	1303	1.283
433	1051	AB MCMURRY	97AB3240	752	1.282
434	846	ARCADIA	94CS1360	1444	1.281
435	684	POWELL FIELD	97SA2528	25	1.280
436	1121	KEPLER	94CS2665	40	1.275
437	428	GONZALES	97SA15390	1348	1.274
438	840	RIO GRANDE CITY	94SB3230	2597	1.272
439	1122	AB SHELTON ST	97AB3435	304	1.266
440	332	NORTH MCALLEN	94SB4995	2439	1.266
441	839	ABILENE PLANT	97AB1570	939	1.264
442	326	MILO	94LA6940	871	1.263
443	1149	HIDALGO	94SB3680	321	1.262
444	244	FULTON	94CS6070	3357	1.260
445	311	MORRIS STREET	94CS2515	1059	1.260
446	880	HEARN ROAD	94CS9665	679	1.259
447	556	AB MAPLE ST	97AB5755	836	1.254
448	1120	AB VOGEL ST	97AB4560	1469	1.253
449	225	MORRIS STREET	94CS7625	537	1.251
450	202	WESLACO UNIT	94SB7455	1205	1.249
451	373	SHARYLAND	94SB6745	2158	1.249
452	450	BUENA VISTA	94LA9035	1950	1.248
453	134	CRYSTAL CITY	94LA8380	1343	1.246
454	602	NORTH MCALLEN	94SB2750	2877	1.245
455	913	LEARY LANE	94CN1430	1684	1.245
456	799	CHARLOTTE	94LA2790	205	1.244
457	347	AIRLINE	94CS6970	1393	1.243
458	863	BOBCAT HILLS	97SA6655	21	1.238
459	736	WASHINGTON STREET	94LA2350	3016	1.237
460	829	POLK AVENUE	94SB4180	1302	1.234
461	724	BAY CITY	94CN2050	542	1.232
462	961	TYNAN	94CS4000	27	1.222
463	449	FT CHADBOURNE	97SA6520	550	1.222
464	304	SOUTH MISSION	94SB3980	1857	1.221
465	114	WESMER	94SB4480	1134	1.219
466	1119	AB ELM CREEK	97AB4745	950	1.218
467	955	ROMA	94SB3060	1551	1.217
468	899	WESMER	94SB1850	1406	1.216
469	541	FASHING	94CN360	37	1.216
470	1157	PLASTERCO (MWEC)	97AB2720	113	1.212
471	427	AB DYESS 1	97AB1775	740	1.211
472	778	HEIGHTS	94LA2450	2074	1.209
473	850	PHARR	94SB1620	2740	1.208
474	924	SHARYLAND	94SB2020	2565	1.206
475	907	MILES	97SA4670	544	1.204

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
476	16	ELSA	94SB710	1932	1.203
477	603	CLARKWOOD	94CS9570	1173	1.203
478	432	PALMVIEW	94SB7595	3157	1.201
479	1187	PEACOCK	97AB1375	45	1.200
480	523	STAMFORD	97AB6255	402	1.197
481	1056	ROWENA	97SA4480	220	1.195
482	732	HIGHLAND	97SA6385	1336	1.195
483	657	PORTLAND	94CS9290	1782	1.195
484	835	NORTH MCALLEN	94SB3830	1404	1.189
485	783	AB EAST 12KV	97AB4820	1142	1.187
486	1059	GOVERNMENT WELLS	94LA7250	564	1.186
487	492	INDIAN MESA	97SA2695	168	1.185
488	228	BROWNSVILLE	94SB4280	319	1.182
489	343	TANKERSLY (CVEC)	97SA5260	472	1.180
490	29	GREENLAKE	94CN2740	361	1.180
491	476	DEL RIO CITY	94LA1930	1548	1.180
492	625	NORTH EDINBURG	94SB4240	2997	1.178
493	935	SA NORTH	97SA3130	222	1.176
494	921	CHILDRESS 20TH ST	97AB5725	656	1.174
495	524	SHROPSHIRE	94CN1240	70	1.171
496	934	AB OIL MILL	97AB2785	249	1.169
497	648	LA PRYOR	94LA2440	717	1.166
498	58	KNIPPA	94LA6365	315	1.165
499	682	SHARYLAND	94SB2035	771	1.165
500	190	RIO GRANDE CITY	94SB3210	1872	1.165
501	624	MCCAMEY	97SA2420	110	1.164
502	943	MCCAMEY	97SA3670	376	1.162
503	1014	ZAPATA	94LA7330	1323	1.161
504	#N/A	VALADEZ	94CS8800	1750	1.160
505	608	ARANSAS PASS	94CS650	895	1.160
506	345	QUANAH	97AB1830	626	1.160
507	420	MCCOLL ROAD	94SB4780	1958	1.159
508	1006	BALLINGER	97SA4375	1046	1.159
509	784	PORT LAVACA	94CN2480	1542	1.158
510	246	POLK AVENUE	94SB4610	1171	1.155
511	535	ARANSAS PASS	94CS1250	636	1.151
512	208	RANDADO	94LA8360	168	1.149
513	361	HIDALGO	94SB4845	1339	1.146
514	6	MERTZON (CVEC)	97SA2905	588	1.145
515	930	THROCKMORTON	97AB2090	70	1.143
516	209	KEMPER EXXON HUMBLE	97SA72103	28	1.143
517	1063	OZONA	97SA3810	649	1.142
518	925	MERTZON (CVEC)	97SA1530	322	1.140
519	368	ALBANY	97AB3640	333	1.138
520	1168	AILEEN	97AB6435	842	1.131
521	1010	SOUTH EAST EDINBURG	94SB4015	307	1.130
522	637	SHARYLAND	94SB2150	391	1.128
523	853	CLYDE	97AB3630	571	1.126

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
524	165	AB OIL MILL	97AB3900	676	1.126
525	1013	AB HARTFORD ST	97AB3820	928	1.125
526	1150	WASHINGTON STREET	94LA6355	944	1.124
527	327	SAN BENITO	94SB4945	1725	1.122
528	54	MARKHAM	94CN6440	461	1.121
529	448	POLK AVENUE	94SB4190	1704	1.119
530	434	MCCAMEY	97SA2830	464	1.116
531	214	REFUGIO	94CN5120	690	1.116
532	297	CITRUS CITY	94SB5070	923	1.116
533	780	MESQUITE	94SB2900	912	1.115
534	441	INDIAN MESA	97SA2690	70	1.114
535	588	LEARY LANE	94CN6175	2509	1.111
536	713	EL CAMPO	94CN7260	531	1.109
537	836	SHARYLAND	94SB5635	2258	1.109
538	300	ROCKPORT	94CS5930	1341	1.104
539	1133	BROOKHOLLOW	94CN7190	280	1.104
540	340	NORTH ALAMO	94SB3610	1905	1.103
541	821	HALL ACRES ROAD	94SB4895	852	1.103
542	618	UVALDE	94LA480	1429	1.102
543	496	NORTH VICTORIA	94CN2240	731	1.101
544	230	RAYMONDVILLE #1	94SB630	787	1.100
545	872	SA WALNUT ST	97SA3910	150	1.100
546	678	SOUTH PADRE ISLAND	94SB5850	1314	1.097
547	102	LYTLE	94LA2850	710	1.096
548	48	CEDAR GAP (TEC)	97AB5445	316	1.095
549	1112	AB MCMURRY	97AB4360	1096	1.095
550	149	PAISANO	97SAPAI SAN	133	1.090
551	90	AB RAINEY CREEK	97AB4220	193	1.088
552	888	WEST MCALLEN	94SB4505	1898	1.088
553	650	EAGLE PASS CITY	94LA2745	929	1.086
554	989	WYLIE	97AB2665	1049	1.086
555	55	PHARR	94SB1650	847	1.085
556	104	PALMVIEW	94SB3930	1129	1.084
557	809	GONZALES	97SA14685	1058	1.084
558	18	ANNA STREET	94LA850	1565	1.081
559	1095	COLUMBUS	94CN6180	464	1.080
560	248	COFFEE PORT	94SB1095	1032	1.076
561	438	PREMONT	94LA2720	755	1.072
562	586	BRONTE AMBASSADOR	97SA6650	14	1.071
563	972	AB MCMURRY	97AB4350	704	1.071
564	232	PHARAOH	94CS1185	1642	1.069
565	517	HASKELL 12KV	97AB5240	650	1.068
566	1039	WYLIE	97AB2675	800	1.068
567	455	DEL RIO CITY	94LA9850	1015	1.065
568	375	AB MCMURRY	97AB4355	999	1.064
569	663	BONNIEVIEW	94CS8020	548	1.060
570	748	ARCADIA	94CS5030	1572	1.052
571	1162	ABILENE PLANT	97AB1915	60	1.050

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
572	366	FALFURRIAS	94LA5210	1128	1.048
573	1088	MILO	94LA3070	1875	1.047
574	1173	ABILENE PLANT	97AB3175	112	1.045
575	681	POLK AVENUE	94SB4600	3244	1.044
576	#N/A	READING	94LA1445	554	1.043
577	1015	WEST HARLINGEN	94SB3800	1394	1.041
578	847	GATEWAY	94LA390	3241	1.040
579	571	VERNON	97AB3340	540	1.039
580	130	PHARAOH	94CS1365	681	1.037
581	1103	ABILENE PLANT	97AB1565	275	1.036
582	922	MINES ROAD	94LA3745	1923	1.034
583	1166	AB ELM CREEK	97AB1825	214	1.033
584	276	HIGHWAY 9	94CS6770	1035	1.030
585	814	VERHALEN	97SA4460	69	1.029
586	30	EL GATO	94SB890	2938	1.020
587	321	AIRLINE	94CS7390	2217	1.019
588	201	TATTON	94CS950	488	1.016
589	392	CRESTONIO	94LA6660	772	1.016
590	1105	SA WALNUT ST	97SA3925	885	1.014
591	289	CLARKWOOD	94CS7220	894	1.010
592	425	VILLA CAVAZOS	94SB1980	2128	1.007
593	1179	ALPINE 12KV	97SA6820	771	1.006
594	1141	CAUSEWAY	94SB4775	1054	1.002
595	569	HAROLD	97AB1495	24	1.000
596	1143	SA SOUTHLAND HILLS	97SA5860	1197	1.000
597	287	BAY CITY	94CN5960	2075	0.994
598	301	GREENLAKE	94CN2760	1171	0.991
599	1176	SA CONCHO	97SA1715	284	0.989
600	706	VICTORIA POWER PLANT	94CN7600	161	0.988
601	154	CABANISS	94CS240	1571	0.986
602	1069	SANTA ANNA	97SA3420	355	0.986
603	#N/A	CLOSNER	94SB7505	502	0.982
604	896	BAY CITY	94CN2700	1082	0.981
605	1108	AB SHELTON ST	97AB3040	174	0.977
606	431	GREGORY	94CS5920	696	0.974
607	85	CRESTONIO	94LA260	1726	0.974
608	552	ZACATE CREEK	94LA2665	1706	0.974
609	20	STADIUM	94LA8540	1570	0.968
610	257	DEL RIO CITY	94LA420	2007	0.958
611	1055	MAGRUDER	94CN6690	742	0.953
612	253	SA EMERSON ST	97SA4630	1217	0.939
613	437	KINGSVILLE	94CS1130	2292	0.938
614	1142	TRUSCOTT	97AB3845	31	0.935
615	990	WAGGONER	97AB5900	27	0.926
616	382	RIO BRAVO	94LA300	788	0.920
617	367	NIXON	94CN6630	616	0.917
618	353	PORT ARANSAS	94CS1000	2115	0.912
619	622	ARCADIA	94CS1460	2091	0.901

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
620	107	BLESSING	94CN8780	59	0.898
621	33	FOSTER FIELD	94CN8880	289	0.893
622	570	FREISS RANCH	97SA4870	100	0.890
623	417	SPUDDER FLAT	97SA4175	54	0.889
624	1164	PAULANN	97SA6285	72	0.889
625	1183	CHASE FIELD	94CN460	18	0.889
626	67	CONOCO-CHITTAM RANCH	94LA8580	26	0.885
627	803	HARLINGEN SWITCH	94SB4090	2299	0.877
628	878	GEORGE WEST	94CN1320	709	0.860
629	37	MATTHEWS	94CN1740	161	0.857
630	757	AIRLINE	94CS9605	710	0.846
631	831	CAMPWOOD	94LA2610	956	0.846
632	545	ROCHESTER	97AB3290	78	0.846
633	112	TAFT	94CS1260	173	0.844
634	651	MORRIS STREET	94CS8830	1541	0.843
635	577	LAREDO PLANT	94LA8705	207	0.841
636	223	CROSS PLAINS	97AB2915	762	0.836
637	495	DILLEY	94LA3795	821	0.828
638	649	HOLCOMB	94LA3025	343	0.828
639	749	AB VOGEL ST	97AB4410	766	0.828
640	342	AIRLINE	94CS9390	2069	0.824
641	100	SAN BENITO	94SB3920	2217	0.823
642	148	CASA BLANCA	94CS55	857	0.820
643	983	ASPHALT MINES	94LA500	44	0.818
644	117	MERKEL	97AB1895	704	0.817
645	740	HIGHWAY 9	94CS6780	762	0.812
646	137	CATARINA	94LA2380	181	0.801
647	800	THREE RIVERS	94CN2010	315	0.797
648	758	ANNA STREET	94LA900	2834	0.795
649	433	NAVAL BASE	94CS9720	2499	0.761
650	192	VALENTINE	97SA6325	576	0.760
651	775	BRACKETTVILLE	94LA8460	1187	0.758
652	889	YORKTOWN	94CN8420	665	0.753
653	145	RAYMONDVILLE #1	94SB620	643	0.753
654	643	CHOKE CANYON	94CN9255	364	0.745
655	818	CAMPWOOD	94LA3430	109	0.743
656	738	EDROY	94CS6980	201	0.736
657	854	SA SOUTH	97SA3995	1386	0.734
658	754	MAGRUDER	94CN7690	547	0.728
659	286	ELSA	94SB690	2406	0.726
660	239	SABINAL	94LA485	487	0.708
661	696	QUANAH	97AB3975	211	0.706
662	612	SOUTH EAST EDINBURG	94SB4550	1754	0.703
663	234	COFFEE PORT	94SB1090	1220	0.702
664	595	HEARN ROAD	94CS2220	1649	0.693
665	862	LEARY LANE	94CN7530	3011	0.688
666	1024	AB DYESS 2	97AB6335	355	0.687
667	864	LA GRULLA	94SB4120	1427	0.685

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
668	10	RANGERVILLE	94SB3410	192	0.682
669	515	TUSCOLA	97AB3305	1100	0.682
670	349	INGLESIDE CITY	94CS8050	1252	0.679
671	722	HAMILTON ROAD	94LA9655	1265	0.673
672	509	NAVAL BASE	94CS8540	1581	0.669
673	971	SIERRA VISTA	94LA3540	969	0.663
674	374	NORTH PADRE ISLAND	94CS7900	2297	0.658
675	88	MORAN	97AB2108	318	0.657
676	660	SOUTH MISSION	94SB3590	558	0.652
677	970	COLUMBUS	94CN930	914	0.652
678	672	NORTH EDINBURG	94SB3570	1016	0.652
679	35	WEST HARLINGEN	94SB3720	2131	0.642
680	82	MCCOLL ROAD	94SB2810	2165	0.636
681	887	AB MCMURRY	97AB3245	792	0.631
682	655	ROCKSPRINGS	94LA2600	374	0.631
683	729	ESCONDIDO	94LA2035	2717	0.629
684	693	GARCENO	94SB2130	1783	0.628
685	387	MAYBERRY	94SB3160	542	0.627
686	267	EAGLE PASS CITY	94LA2510	568	0.627
687	810	NORTH VICTORIA	94CN1580	961	0.623
688	838	RAYMONDVILLE #1	94SB3130	269	0.621
689	770	BRYANTS RANCH	97SA205	21	0.619
690	792	JOURDANTON	94LA5695	320	0.619
691	613	GREGORY	94CS8560	251	0.618
692	486	BROOKHOLLOW	94CN8950	888	0.615
693	677	ARCADIA	94CS6930	1486	0.610
694	683	GOODWIN	94SB4625	2005	0.609
695	774	FALFURRIAS	94LA1070	985	0.605
696	108	SHEFFIELD	97SA6430	210	0.605
697	590	SA MATHIS FIELD	97SA4790	179	0.603
698	711	ALICE	94LA1770	1634	0.599
699	687	CARRIZO SPRINGS	94LA860	32	0.594
700	25	GOLIAD	94CN8220	1048	0.594
701	402	HARLINGEN	94SB360	2450	0.591
702	328	BIG WELLS	94LA1570	432	0.590
703	676	PHARAOH	94CS5185	2348	0.589
704	527	SIERRA VISTA	94LA7360	1613	0.589
705	179	RANDADO	94LA8350	128	0.586
706	1101	PEARSALL	94LA9905	415	0.586
707	1070	HEIGHTS	94LA9080	687	0.585
708	424	KINGSVILLE	94CS1140	1019	0.585
709	902	WEST OSO	94CS9095	1582	0.583
710	256	STAMFORD	97AB2835	134	0.582
711	1053	MAYBERRY	94SB5770	820	0.580
712	620	THREE RIVERS	94CN2580	124	0.573
713	479	MARFA	97SA1900	772	0.573
714	843	RIO BRAVO	94LA5	705	0.572
715	537	ROTAN	97AB1860	717	0.570

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
716	390	TWILIGHT TRAIL	97AB4290	985	0.570
717	59	MORAN	97AB2107	220	0.568
718	546	LOS FRESNOS	94SB2160	1504	0.567
719	631	BRUNI	94LA1120	276	0.565
720	157	BAY CITY	94CN7480	2108	0.565
721	617	KINGSVILLE	94CS1670	413	0.564
722	547	STAMFORD	97AB4565	790	0.561
723	816	UVALDE	94LA540	1199	0.557
724	942	ROBERT LEE	97SA4125	264	0.557
725	680	LOS FRESNOS	94SB5335	2577	0.554
726	988	MATHIS	94CS2870	879	0.553
727	949	EAGLE PASS CITY	94LA2650	1355	0.551
728	27	CASA BLANCA	94CS1300	287	0.551
729	484	RIO PECOS	97SA513	33	0.545
730	163	OLMITO	94SB905	1594	0.541
731	817	GARCENO	94SB2165	1961	0.540
732	731	SOUTHSIDE	94CS8035	1098	0.537
733	926	DEL RIO CITY	94LA440	1093	0.535
734	421	HARLINGEN	94SB380	2734	0.530
735	1097	SAND ROAD	97AB5195	253	0.530
736	685	CRYSTAL CITY	94LA1425	1163	0.528
737	379	HASKELL 12KV	97AB3770	450	0.527
738	904	RUSSEK STREET	97SA250	166	0.524
739	186	HOLCOMB	94LA2240	440	0.523
740	895	CONTINENTAL	94SB4880	68	0.515
741	1002	WYLIE	97AB6495	323	0.514
742	717	SOUTH MCALLEN	94SB3790	1444	0.514
743	940	ZACATE CREEK	94LA2635	975	0.511
744	381	HAINE DRIVE	94SB270	1094	0.510
745	745	NORTH ALAMO	94SB3580	837	0.509
746	413	SA GRAPE CREEK	97SA5220	681	0.499
747	487	AB COUNTRY CLUB	97AB4855	783	0.494
748	600	CITRUS CITY	94SB3470	1590	0.491
749	1116	KNOX CITY	97AB3390	371	0.485
750	323	NORTH MCALLEN	94SB2980	1788	0.485
751	444	LOLITA	94CN6330	31	0.484
752	598	SABINAL	94LA200	428	0.484
753	633	RUNGE	94CN4465	374	0.481
754	979	ROMA	94SB3070	904	0.481
755	616	SHAFTER	97SA5110	52	0.481
756	832	MAGRUDER	94CN6700	1358	0.477
757	377	MCCOLL ROAD	94SB4790	2063	0.477
758	273	CROSS PLAINS	97AB1795	439	0.469
759	753	NORTH WESLACO	94SB4810	1498	0.466
760	785	CRYSTAL CITY	94LA2170	716	0.465
761	871	YORKTOWN	94CN8380	777	0.463
762	400	NIXON	94CN3300	580	0.462
763	765	NORTH EDINBURG	94SB3810	1270	0.461

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
764	334	PALMHURST	94SB2530	1831	0.459
765	71	REFUGIO	94CN1040	164	0.457
766	446	BEEVILLE	94CN2200	735	0.457
767	1050	AB HARTFORD ST	97AB3815	1122	0.455
768	1110	MATADOR	97AB3090	304	0.451
769	#N/A	UNITEC	94LA4715	185	0.449
770	743	COMSTOCK	94LA230	181	0.448
771	123	TRENT	97AB2850	27	0.444
772	475	MUNDAY	97AB2080	477	0.444
773	8	TATTON	94CS8200	1099	0.444
774	828	RUNGE	94CN3250	256	0.441
775	789	EAST HARRISON	94SB3080	423	0.435
776	105	KENEDY	94CN6270	543	0.435
777	591	SOUTH MCALLEN	94SB3850	1338	0.433
778	874	CLARKWOOD	94CS7610	104	0.433
779	581	BUENA VISTA	94LA8965	923	0.431
780	665	WEST HARLINGEN	94SB4870	1061	0.430
781	639	MAGRUDER	94CN7870	1266	0.429
782	750	GEORGE WEST	94CN730	921	0.429
783	65	INGLESIDE CITY	94CS6040	399	0.429
784	322	ELSA	94SB3520	806	0.428
785	543	TURKEY	97AB3825	389	0.427
786	497	SINTON	94CS360	317	0.426
787	673	SAN DIEGO	94LA2880	1296	0.423
788	521	DEL MAR	94LA220	1423	0.422
789	708	CHILLICOTHE	97AB4530	496	0.421
790	210	LIVE OAK	94CS1090	254	0.421
791	397	EAST HARRISON	94SB4620	773	0.418
792	982	ARANSAS PASS	94CS8280	590	0.412
793	857	AB SHELTON ST	97AB3060	1585	0.410
794	855	MATHIS	94CS1420	897	0.409
795	350	SEAWALL	94CS9325	1499	0.409
796	793	FRIO	94LA2270	608	0.401
797	795	BUENA VISTA	94LA9385	2005	0.400
798	779	GRAYBACK	97AB3315	45	0.400
799	120	COTULLA	94LA610	721	0.399
800	802	BEEVILLE	94CN8090	1364	0.397
801	356	WEIL TRACT (138/12KV)	94CS1990	1391	0.396
802	1078	IRAAN	97SA2055	544	0.395
803	272	MUSTANG ISLAND	94CS9470	686	0.395
804	1009	FULTON	94CS440	1943	0.390
805	422	KLEBERG	94CS6000	1444	0.389
806	658	WEST MCALLEN	94SB4535	2850	0.389
807	52	DEL RIO CITY	94LA430	2022	0.385
808	554	CISCO	97AB9715	1016	0.384
809	167	CLYDE	97AB1760	447	0.380
810	1100	ROCHESTER	97AB3295	213	0.380
811	987	FREER	94LA2900	159	0.377

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
812	834	RAYMONDVILLE #1	94SB800	727	0.371
813	806	NORTH WESLACO	94SB4830	519	0.370
814	414	GATEWAY	94LA350	1919	0.368
815	346	LOS FRESNOS	94SB7270	2235	0.366
816	337	ARCADIA	94CS1400	437	0.366
817	664	ROCKPORT	94CS5950	524	0.365
818	845	VICTORIA POWER PLANT	94CN8170	820	0.361
819	614	DILLEY	94LA6400	172	0.360
820	121	SOUTHSIDE	94CS5335	1360	0.360
821	886	LA GRULLA	94SB5005	1166	0.359
822	363	PLEASANTON	94LA9505	1753	0.359
823	317	SOUTH MCALLEN	94SB5065	137	0.358
824	653	LEARY LANE	94CN1890	1629	0.357
825	771	CARRIZO SPRINGS	94LA910	867	0.353
826	1131	LA GRULLA	94SB3045	1139	0.349
827	1043	HALL ACRES ROAD	94SB5465	1429	0.348
828	32	SAN BENITO	94SB4135	1281	0.347
829	756	TAFT	94CS5230	824	0.347
830	119	ALBANY	97AB3540	623	0.347
831	410	PORTLAND	94CS6505	1815	0.346
832	1182	RANKIN	97SA6405	377	0.345
833	719	SA EMERSON ST	97SA4860	233	0.343
834	560	SA SOUTHLAND HILLS	97SA5055	846	0.343
835	867	UVALDE	94LA550	719	0.342
836	324	SOUTHSIDE	94CS7905	1820	0.342
837	1003	PADUCAH CITY	97AB1935	278	0.342
838	776	WESLACO UNIT	94SB9805	2182	0.340
839	385	RIO BRAVO	94LA1130	1019	0.340
840	883	VERNON CITY PLANT	97AB5775	812	0.335
841	692	PLACEDO	94CN7970	490	0.333
842	1049	HIGHWAY 9	94CS7210	355	0.332
843	53	TAFT	94CS1180	952	0.332
844	568	ASPERMONT	97AB3380	404	0.332
845	705	FREER	94LA6320	163	0.331
846	1037	BEN FICKLIN	97SA6185	568	0.331
847	763	SA AVENUE N	97SA1730	817	0.329
848	418	SAN DIEGO	94LA2890	1033	0.329
849	589	EAST HARRISON	94SB4360	1737	0.328
850	183	MUNDAY	97AB6715	249	0.325
851	730	BANDERA ELECTRIC (LEAKEY)	94LAL30	268	0.325
852	271	AB CANYON ROCK	97AB5035	978	0.324
853	796	MERKEL	97AB1890	578	0.324
854	956	LEARY LANE	94CN1540	794	0.322
855	628	WEAVER ROAD	94CN1900	59	0.322
856	407	AIRLINE	94CS8260	1429	0.322
857	307	SOUTH PADRE ISLAND	94SB6440	2694	0.320
858	890	CHILDRESS 69	97AB1800	540	0.319
859	852	PAWNEE (STEC OWNED)	94CN22202	192	0.318

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
860	501	HARLINGEN SWITCH	94SB5350	930	0.315
861	91	WEST MCALLEN	94SB4515	875	0.314
862	851	SOUTH MISSION	94SB3620	2041	0.312
863	932	HAROLD	97AB3055	29	0.310
864	844	HEIGHTS	94LA2100	1948	0.309
865	980	OZONA	97SA4185	1358	0.306
866	912	CLYDE	97AB3635	722	0.305
867	686	SOUTH PADRE ISLAND	94SB4695	1330	0.305
868	944	CHOKE CANYON	94CN5390	411	0.302
869	498	CROWELL	97AB3490	176	0.301
870	169	POLK AVENUE	94SB4520	937	0.300
871	1083	SA WALNUT ST	97SA3920	907	0.300
872	787	REFUGIO	94CN1170	841	0.300
873	910	CHILLICOTHE	97AB4525	117	0.299
874	1007	CHARLOTTE	94LA8120	216	0.296
875	967	AB ELM CREEK	97AB1810	839	0.296
876	1062	SA EMERSON ST	97SA4620	430	0.295
877	103	LAREDO PLANT	94LA8565	1714	0.295
878	561	MESQUITE	94SB3360	774	0.293
879	280	NORTH MCALLEN	94SB9640	1511	0.293
880	962	MORRIS STREET	94CS8850	402	0.291
881	358	SAND ROAD	97AB5655	609	0.291
882	1135	NEW BLUFFS	97SA7280	1546	0.290
883	1137	FT DAVIS	97SA3345	425	0.289
884	630	MINES ROAD	94LA4275	219	0.288
885	464	EDNA	94CN5785	1376	0.287
886	166	MUNDAY REA (BKEC)	97AB2015	21	0.286
887	766	SANTO NINO	94LA80	1897	0.286
888	47	WOODSON OIL FIELD	97AB30	35	0.286
889	865	MAGRUDER	94CN6680	690	0.286
890	529	AB OIL MILL	97AB2780	745	0.281
891	906	BISHOP	94CS2690	637	0.279
892	471	EL GATO	94SB910	2476	0.278
893	41	GARWOOD CITY	94CN2560	195	0.277
894	986	SIERRA VISTA	94LA9900	2152	0.276
895	1189	ESPY WELLS	97SA50207	29	0.276
896	697	NORTH VICTORIA	94CN7860	1501	0.276
897	380	SA GRAPE CREEK	97SA4700	722	0.274
898	892	GOODWIN	94SB4390	402	0.271
899	489	WASHINGTON STREET	94LA2470	443	0.271
900	1018	QUANAH	97AB3530	340	0.271
901	1032	NORTH MCALLEN	94SB9660	2126	0.270
902	1152	BRONTE	97SA4160	212	0.269
903	1036	FT DAVIS	97SA4515	992	0.266
904	744	MESQUITE	94SB8340	750	0.265
905	671	NORTH MERCEDES	94SB3770	1693	0.265
906	339	SEAWALL	94CS9450	269	0.264
907	811	COTULLA	94LA90	1069	0.264

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
908	26	MILO	94LA3065	19	0.263
909	938	LEARY LANE	94CN6005	1377	0.263
910	219	EAGLE PASS CITY	94LA7060	869	0.261
911	1127	KNOX CITY	97AB3985	23	0.261
912	474	MAGRUDER	94CN245	1238	0.259
913	1102	BROOKHOLLOW	94CN7580	502	0.257
914	941	EDNA	94CN5775	499	0.257
915	49	WEST MCALLEN	94SB4965	925	0.256
916	1138	SA SOUTH	97SA2595	1016	0.254
917	963	AB SHELTON ST	97AB3660	649	0.253
918	1065	PONDER KENNEDY	97SA50208	12	0.250
919	946	FRIO	94LA1815	1064	0.250
920	773	CITRUS CITY	94SB7985	1135	0.249
921	435	HALL ACRES ROAD	94SB8870	2410	0.248
922	309	THREE RIVERS	94CN5190	477	0.247
923	762	LA GRULLA	94SB5110	999	0.247
924	136	SAND ROAD	97AB5295	542	0.247
925	755	STADIUM	94LA7810	1591	0.246
926	619	ANSON 12KV	97AB6635	379	0.245
927	1109	AB VOGEL ST	97AB4650	807	0.245
928	786	SA SOUTH	97SA4255	871	0.245
929	627	ROARING SPRINGS	97AB6155	29	0.241
930	727	GATEWAY	94LA3595	1475	0.239
931	1186	TALPA ATLANTIC	97SA5180	67	0.239
932	1001	SPUR	97AB5170	370	0.238
933	563	NEW BLUFFS	97SA9110	603	0.235
934	1027	ANSON 12KV	97AB6630	708	0.234
935	798	JOURDANTON	94LA880	961	0.234
936	259	NORTH MCCAMEY	97SA6555	510	0.233
937	666	WEAVER ROAD	94CN1910	26	0.231
938	1044	LAS CRUSES	94LA7325	2715	0.230
939	1026	ANNA STREET	94LA780	470	0.228
940	204	OLMITO	94SB4275	792	0.227
941	1093	SANTO NINO	94LA75	1501	0.227
942	249	DEVINE	94LA7100	1113	0.226
943	#N/A	JOURDANTON	94LA8725	40	0.225
944	884	ROCKPORT	94CS5940	49	0.224
945	915	DEL MAR	94LA7930	1600	0.224
946	1041	SOUTH MISSION	94SB5215	1265	0.221
947	359	PALMVIEW	94SB9680	1020	0.219
948	953	JUNCTION	97SA4335	784	0.218
949	945	AB CANYON ROCK	97AB5030	872	0.218
950	901	SOUTH MISSION	94SB4650	1023	0.217
951	285	PORT ARANSAS	94CS3030	739	0.215
952	993	DEL RIO CITY	94LA9790	2303	0.215
953	1000	SILVER	97SA4295	14	0.214
954	1193	MAYBERRY	94SB6450	28	0.214
955	461	AIRLINE	94CS8370	282	0.213

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
956	36	LA GRULLA	94SB6150	1556	0.213
957	933	HIGHWAY 9	94CS9830	146	0.212
958	916	BEEVILLE	94CN490	957	0.212
959	275	ROTAN	97AB1865	184	0.212
960	1040	JOSLIN POWER PLANT	94CN8720	19	0.211
961	245	AB OVER STREET 12KV	97AB3140	667	0.210
962	659	ARANSAS PASS	94CS8270	391	0.210
963	1147	PAINT ROCK	97SA5235	129	0.209
964	341	PORT LAVACA	94CN2490	1049	0.208
965	391	MILO	94LA5020	106	0.208
966	928	PALMVIEW	94SB6790	2240	0.206
967	229	HARLINGEN	94SB660	1945	0.205
968	1085	SANTO NINO	94LA70	1669	0.204
969	1046	HIGHWAY 9	94CS7200	649	0.203
970	747	EAST HARRISON	94SB4310	1197	0.202
971	43	VERNON	97AB1750	244	0.201
972	177	STAMFORD	97AB2815	713	0.201
973	592	AILEEN	97AB4600	251	0.199
974	1035	AB EAST 12KV	97AB4830	603	0.199
975	388	BRONTE	97SA3590	176	0.199
976	439	TWILIGHT TRAIL	97AB5855	1449	0.198
977	772	FULTON	94CS2020	1701	0.198
978	191	AB ELM CREEK	97AB5045	377	0.196
979	458	TURKEY	97AB2980	316	0.196
980	485	HASKELL 12KV	97AB3495	816	0.196
981	1146	SKIDMORE	94CS380	153	0.196
982	668	ESCONDIDO	94LA5730	1222	0.195
983	870	AB OVER STREET 12KV	97AB1645	793	0.194
984	318	DIMMIT	94LA5545	563	0.194
985	456	FULTON	94CS3070	1432	0.191
986	825	SA LAKE DR	97SA5865	1041	0.190
987	885	SA JACKSON ST	97SA4260	664	0.188
988	807	AB ELM CREEK	97AB1815	372	0.188
989	1090	WEINERT	97AB6490	128	0.188
990	574	AB OVER STREET 12KV	97AB1840	888	0.186
991	1020	UNIVERSITY	94LA465	874	0.184
992	1124	AB ELM CREEK	97AB4780	534	0.184
993	841	TANKERSLY (CVEC)	97SA5265	371	0.183
994	553	HAINE DRIVE	94SB8065	1362	0.182
995	1066	GIRARD	97AB6260	44	0.182
996	1057	JOSLIN POWER PLANT	94CN7915	11	0.182
997	715	SAND ROAD	97AB5290	810	0.181
998	1034	FREER	94LA5200	1023	0.181
999	1165	AB SHELTON ST	97AB3045	550	0.180
1000	520	VICTORIA POWER PLANT	94CN1390	1075	0.179
1001	994	WASHINGTON STREET	94LA2360	210	0.176
1002	282	WEST MCALLEN	94SB6385	239	0.176
1003	992	SA WALNUT ST	97SA4635	1552	0.175

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1004	519	SANTO NINO	94LA645	1092	0.175
1005	206	WEST MCALLEN	94SB4595	1184	0.175
1006	1086	AB MCMURRY	97AB3235	790	0.175
1007	579	KENEDY S.S.	94CN6750	63	0.175
1008	508	CEDAR GAP (TEC)	97AB4115	529	0.174
1009	991	AFTON	97AB2225	52	0.173
1010	534	SPUR	97AB260	157	0.172
1011	969	THROCKMORTON	97AB3190	609	0.171
1012	1042	SA JACKSON ST	97SA4690	1128	0.170
1013	481	BROOKHOLLOW	94CN8960	597	0.169
1014	813	UNIVERSITY	94LA950	2130	0.169
1015	939	AB ELM CREEK	97AB1820	95	0.168
1016	429	KENEDY S.S.	94CN8340	323	0.167
1017	999	CHILDRESS 69	97AB2800	341	0.167
1018	1047	HAMLIN	97AB3270	877	0.166
1019	767	WESLACO UNIT	94SB8610	1160	0.166
1020	824	RULE	97AB3378	103	0.165
1021	302	SA COKE ST	97SA3905	650	0.163
1022	522	AB WALNUT ST	97AB3110	669	0.163
1023	567	STAMFORD PUMP	97AB3930	43	0.163
1024	175	WESLACO UNIT	94SB5970	2472	0.161
1025	69	MEDIO CREEK	94CN1380	760	0.161
1026	#N/A	CARANCAHUA	94CN1875	433	0.159
1027	751	SA AVENUE N	97SA1695	1489	0.158
1028	412	GARCENO	94SB5490	1405	0.157
1029	383	SKIDMORE	94CS600	355	0.155
1030	1160	ESCONDIDO	94LA1510	730	0.153
1031	760	QUANAH	97AB3100	552	0.152
1032	1080	SA JACKSON ST	97SA4685	1434	0.151
1033	200	PORTLAND	94CS9270	1646	0.149
1034	299	EDEN	97SA3195	520	0.148
1035	866	ZACATE CREEK	94LA2675	1212	0.148
1036	950	HEIGHTS	94LA6820	1893	0.147
1037	1089	TYNAN	94CS4010	41	0.146
1038	1082	DEL MAR	94LA10	1859	0.145
1039	593	EDEN	97SA1780	235	0.145
1040	488	MELVIN	97SA4955	90	0.144
1041	1200	SANTA RITA	97SA1140	14	0.143
1042	195	SEAWALL	94CS9420	754	0.141
1043	1111	VERNON	97AB5000	242	0.140
1044	903	HEIGHTS	94LA2390	1702	0.140
1045	958	ABILENE PLANT	97AB1910	251	0.139
1046	494	NORTH PADRE ISLAND	94CS1010	2185	0.137
1047	505	THOMASTON	94CN9580	44	0.136
1048	101	UNIVERSITY	94LA305	2112	0.136
1049	1076	TWILIGHT TRAIL	97AB4285	1153	0.136
1050	996	TWILIGHT TRAIL	97AB3150	720	0.136
1051	1033	SA LAKE DR	97SA5880	794	0.136

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1052	559	SPUR	97AB300	209	0.134
1053	220	BEEVILLE	94CN2380	218	0.133
1054	159	HAWLEY	97AB4455	625	0.133
1055	371	SA NORTH	97SA3115	563	0.131
1056	998	COLLEGE HILLS	97SA4835	442	0.131
1057	826	SINTON	94CS1750	505	0.131
1058	1058	PORTLAND	94CS9370	2078	0.130
1059	1132	AB OVER STREET 12KV	97AB1635	514	0.130
1060	516	HAINE DRIVE	94SB3490	1160	0.130
1061	905	UNIVERSITY	94LA920	731	0.130
1062	1017	SA SOUTHLAND HILLS	97SA5050	888	0.125
1063	398	WESLACO UNIT	94SB8195	1650	0.125
1064	266	ALBANY	97AB3655	627	0.124
1065	1140	AB HARTFORD ST	97AB3690	169	0.124
1066	804	INGLESIDE CITY	94CS8060	2236	0.123
1067	1139	SA MATHIS FIELD	97SA5100	244	0.123
1068	981	SUNCHASE	94SB1155	1458	0.122
1069	897	IRAAN	97SA2050	189	0.122
1070	1175	AB OIL MILL	97AB3895	136	0.118
1071	584	SIERRA VISTA	94LA7170	1437	0.118
1072	881	CROWELL	97AB3980	490	0.116
1073	550	EAST HARRISON	94SB3000	533	0.113
1074	493	SA JACKSON ST	97SA4265	800	0.111
1075	721	ASPR CONTINENTAL	97AB3830	27	0.111
1076	235	AFTON	97AB2355	45	0.111
1077	1075	HAMLIN	97AB3775	254	0.110
1078	264	AB SHELTON ST	97AB3145	1081	0.110
1079	968	BALLINGER	97SA4395	534	0.109
1080	572	SA SOUTH	97SA4795	1296	0.108
1081	911	BRUNI	94LA1100	598	0.107
1082	1052	RAYMONDVILLE #2	94SB4160	340	0.106
1083	859	EDITH HUMBLE	97SA6170	85	0.106
1084	805	ESCONDIDO	94LA3350	464	0.106
1085	503	RUSSEK STREET	97SA7705	1342	0.104
1086	46	HALL ACRES ROAD	94SB3670	1118	0.101
1087	977	MUNDAY	97AB3365	397	0.101
1088	702	POLK AVENUE	94SB4170	1453	0.100
1089	861	HOMEPORT	94CS4665	429	0.100
1090	1125	KENEDY	94CN1960	70	0.100
1091	1019	SA JACKSON ST	97SA4695	563	0.098
1092	538	NORDHEIM	94CN4275	82	0.098
1093	920	AILEEN	97AB4605	773	0.097
1094	558	WYLIE	97AB6340	745	0.097
1095	964	GREGORY	94CS2420	860	0.097
1096	812	ROUNDTOP	97AB4490	53	0.094
1097	470	ALICE	94LA1780	244	0.094
1098	959	PADUCAH CITY	97AB1930	575	0.094
1099	1106	WOOLRIDGE	94CS1110	1730	0.091

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1100	1074	NORDHEIM	94CN3380	168	0.089
1101	1025	BALLINGER	97SA4370	835	0.089
1102	848	PAULANN	97SA6280	418	0.089
1103	193	NORTH MCALLEN	94SB5055	3261	0.088
1104	1092	CASA BLANCA	94CS5440	137	0.088
1105	1098	PAULANN	97SA6310	1076	0.085
1106	791	INGLESIDE CITY	94CS2495	261	0.084
1107	1087	AFTON	97AB2310	239	0.084
1108	378	STERLING CITY	97SA1445	899	0.082
1109	528	KARNES CITY	94CN2340	793	0.082
1110	1155	SA SOUTH	97SA3500	289	0.080
1111	974	BRONTE	97SA3560	253	0.079
1112	504	SONORA 138 SUB	97SA4805	457	0.077
1113	644	BRADY	97SA5015	197	0.076
1114	1071	PAINT ROCK	97SA1110	66	0.076
1115	1064	SANTO NINO	94LA695	1590	0.075
1116	1144	SA WALNUT ST	97SA3915	782	0.074
1117	251	VERNON	97AB1520	713	0.073
1118	1060	PORT LAVACA	94CN6850	682	0.070
1119	396	ROBY	97AB3795	72	0.069
1120	698	SAN YGNACIO	94LA16060	491	0.069
1121	483	MELVIN	97SA940	44	0.068
1122	965	VICTORIA POWER PLANT	94CN8070	604	0.068
1123	548	ARANSAS PASS	94CS9130	361	0.066
1124	997	SOUTH PADRE ISLAND	94SB4675	169	0.065
1125	918	SOUTH MISSION	94SB3940	843	0.064
1126	1081	AB REBECCA LANE	97AB6915	998	0.062
1127	583	AB MAPLE ST	97AB5750	404	0.062
1128	858	AB SHELTON ST	97AB4640	655	0.061
1129	1004	HEIGHTS	94LA9400	1396	0.060
1130	914	HALL ACRES ROAD	94SB9595	1507	0.059
1131	1192	SA COKE ST	97SA4915	17	0.059
1132	118	AB COUNTRY CLUB	97AB4725	222	0.059
1133	1153	MATADOR	97AB3030	210	0.057
1134	1171	SA CONCHO	97SA1700	489	0.055
1135	403	OZONA	97SA3555	165	0.055
1136	277	AB COUNTRY CLUB	97AB4730	535	0.054
1137	1158	AB REBECCA LANE	97AB5550	723	0.054
1138	1094	AIRLINE	94CS5870	911	0.054
1139	1199	LAS CRUSES	94LA8530	112	0.054
1140	500	AIRLINE	94CS7270	1037	0.053
1141	205	WESLACO UNIT	94SB2195	1088	0.052
1142	1114	RUSSEK STREET	97SA12295	306	0.052
1143	532	AIRLINE	94CS8890	526	0.051
1144	295	AB WALNUT ST	97AB3445	59	0.051
1145	1185	BARNHART	97SA590	20	0.050
1146	1008	AB MAPLE ST	97AB4070	1043	0.049
1147	605	CROCKETT HEIGHTS	97SA73703	82	0.049

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1148	694	ROBERT LEE	97SA4120	561	0.048
1149	1091	AB ELMDALE	97AB4085	42	0.048
1150	#N/A	WASHINGTON STREET	94LA6890	21	0.048
1151	1130	KNIPPA	94LA6535	23	0.043
1152	1151	VERNON CITY PLANT	97AB5770	93	0.043
1153	1170	UNIVERSITY	94LA930	94	0.043
1154	1028	COLLEGE HILLS	97SA4840	214	0.042
1155	252	ANNA STREET	94LA5780	653	0.041
1156	1167	VALERA HUMBLE	97SA7015	74	0.041
1157	1177	SA AVENUE N	97SA1975	325	0.040
1158	511	SHARYLAND	94SB2010	1163	0.036
1159	582	BARNHART	97SA3725	144	0.035
1160	575	AB COUNTRY CLUB	97AB4735	119	0.034
1161	344	AB ONYX REA	97AB3255	30	0.033
1162	506	SA SOUTHLAND HILLS	97SA5455	1413	0.033
1163	917	MILO	94LA8365	1868	0.033
1164	1045	MAYBERRY	94SB3010	91	0.033
1165	909	COLLEGE HILLS	97SA6145	714	0.029
1166	1191	MAYBERRY	94SB5340	34	0.029
1167	336	FLOMOT	97AB1852	74	0.027
1168	1117	SIERRA VISTA	94LA8205	1010	0.027
1169	1159	AB REBECCA LANE	97AB2710	265	0.026
1170	1184	IRAAN	97SA4305	76	0.026
1171	893	NORTH VICTORIA	94CN1470	474	0.025
1172	1178	AB HARTFORD ST	97AB3685	367	0.025
1173	1129	SA CONCHO	97SA3325	290	0.024
1174	288	MUSTANG ISLAND	94CS8510	466	0.024
1175	580	HIGHLAND	97SA6380	479	0.021
1176	1169	SA JACKSON ST	97SA4250	340	0.021
1177	1118	BENJAMIN (BEPC)	97AB5680	158	0.019
1178	1163	ROBY	97AB2276	317	0.019
1179	1174	HIGHLAND	97SA6375	280	0.018
1180	243	COTULLA	94LA110	58	0.017
1181	733	ABILENE PLANT	97AB1575	606	0.017
1182	1048	COLLEGE HILLS	97SA5520	435	0.016
1183	490	MILO	94LA3060	129	0.016
1184	594	SOUTHSIDE	94CS5345	396	0.015
1185	1180	COLLEGE HILLS	97SA5515	349	0.014
1186	1107	RANKIN	97SA6400	72	0.014
1187	1134	SA SOUTH	97SA3990	738	0.014
1188	610	SOUTH MCALLEN	94SB3640	303	0.013
1189	549	SA EMERSON ST	97SA4625	429	0.012
1190	1123	ESCONDIDO	94LA3775	172	0.012
1191	1188	NEW BLUFFS	97SA3005	266	0.011
1192	#N/A	MORRIS STREET	94CSBLACK	90	0.011
1193	1115	SA AVENUE N	97SA1655	503	0.010
1194	278	MCCOLL ROAD	94SB4910	337	0.006
1195	952	AB EAST 12KV	97AB4825	426	0.005

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1196	1148	AB REBECCA LANE	97AB5555	1277	0.004
1197	#N/A	TAYLOR	94SBSH112	636	0.002
1198	#N/A	VALADEZ	94CS2500	941	0.001
1199	1156	KENEDY S.S.	94CN8320	142	0.000
1200	#N/A	MORRIS STREET	94CSBROWN	63	0.000
1201	1181	CLARKWOOD	94CS2170	576	0.000
1202	1197	MORRIS STREET	94CSNET CC	317	0.000
1203	#N/A		94LA2120	1273	0.000
1204	#N/A	WASHINGTON STREET	94LA2330	69	0.000
1205	#N/A	MORRIS STREET	94CSGREEN	233	0.000
1206	1196	WASHINGTON STREET	94LANETLAR	163	0.000
1207	#N/A	WASHINGTON STREET	94LA2320	36	0.000
1208	1198	VICTORIA POWER PLANT	94CNNETVIC	88	0.000
1209	#N/A	WASHINGTON STREET	94LA2310	47	0.000
1210	#N/A	READING	94LA1275	57	0.000
1211	#N/A	MORRIS STREET	94CSYELLOW	46	0.000
1212	#N/A	MORRIS STREET	94CSRED	130	0.000
1213	674	FLOMOT	97AB81335	35	0.000
1214	1194	AB CANYON ROCK	97AB5025	52	0.000
1215	#N/A	CHERRY CREEK TAP	97SA485	52	0.000
1216	#N/A	CORINTH	97AB2590	11	0.000
1217	927	PECAN BAYOU	97AB530	19	0.000
1218	819	SA CONCHO	97SA1725	25	0.000
1219	587	AB WALNUT ST	97AB3250	11	0.000
1220	1195	ABILENE PLANT	97AB1740	18	0.000

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

2018 Ranking	Substation Identification	Feeder ID	Reason not in 2019
224	ASHERTON	94LA2660	Count is now less than 10
788	ASHERTON	94LA2670	Count is now less than 10
138	CHERRY CREEK TAP	97SA5245	Retired
296	NORTH MCCAMEY	97SA6560	Count is now less than 10
621	DARST	94CN790	Count is now less than 10
820	SANTA RITA	97SA1135	Count is now less than 10

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

1220

Add or Delete Rows as Necessary

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1	942	RODD FIELD	94CS225	243	5,589.7
2	130	PECOS VALLEY	97SA4075	21	4,236.0
3	3	SPUDDER FLAT	97SA4180	47	2,753.6
4	378	MAVERICK	94LA9680	771	2,354.6
5	1	ALPINE 12KV	97SA3875	625	2,261.4
6	86	NAVAL BASE	94CS7950	313	2,242.5
7	101	LA PRYOR	94LA570	157	1,947.3
8	186	MOORE FIELD	94SB3120	149	1,499.0
9	279	MALONE	94CN7550	192	1,493.2
10	12	ALAZAN	94CS620	163	1,393.4
11	66	SANTA RITA	97SA1105	72	1,381.0
12	32	ARMSTRONG	94CS6050	80	1,329.4
13	269	PLACEDO	94CN7980	426	1,151.5
14	296	CARANCAHUA	94CN5870	76	1,146.4
15	119	FT CHADBOURNE	97SA6515	86	1,140.4
16	27	GRETA	94CN7890	265	1,112.1
17	103	SARAGOSA	97SA1590	105	1,085.2
18	41	PRAIRIE PUMP	94CN1940	79	975.3
19	18	SHROPSHIRE	94CN3575	33	964.2
20	87	MALONE	94CN7560	116	958.4
21	272	LAGUNA	94CS9065	2,356	912.4
22	330	CLIMAX/BRADSHAW	97AB11301	63	894.1
23	105	LA PRYOR	94LA580	255	888.3
24	1064	AB ELM CREEK	97AB4745	950	867.0
25	551	CONTINENTAL	94SB3650	17	860.6
26	210	WEST OSO	94CS9090	1,648	850.3
27	220	SOUTH EAST EDINBURG	94SB6580	445	843.7
28	#N/A	HOEFFS ROAD	97SA15680	11	812.3
29	364	EDROY	94CS6990	281	775.3
30	111	ELDORADO	97SA1845	748	774.0
31	200	LULING - LCRA	94CN10	406	739.5
32	401	AB RAINEY CREEK	97AB4225	116	738.4
33	1110	BAIRD	97AB5120	449	727.5
34	480	BAIRD	97AB5125	594	714.4
35	935	RODD FIELD	94CS1730	2,192	699.7
36	196	BRUNI	94LA5440	132	699.3
37	982	HARLINGEN SWITCH	94SB4110	853	698.9
38	221	HEARN ROAD	94CS870	1,184	695.9
39	454	STAFFORD HILL	94CN1550	228	688.7
40	104	THREE RIVERS	94CN5100	70	686.6
41	218	ELSA	94SB700	1,484	669.1
42	149	GILA	94CS345	66	656.1
43	215	TANKERSLY (CVEC)	97SA5260	472	654.6
44	44	THREE RIVERS	94CN8430	195	644.4
45	765	MOCKINGBIRD	94CN305	312	641.2

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
46	320	ALAZAN	94CS2740	35	638.2
47	64	EAGLE LAKE	94CN320	622	638.1
48	1117	AB SHELTON ST	97AB3435	304	637.8
49	776	ROBSTOWN	94CS1650	363	637.4
50	1140	MCKENZIE ROAD	94CS150	23	631.5
51	756	MOORE FIELD	94SB3110	679	629.9
52	216	PERKINS PROTHO	97SA3180	23	629.1
53	25	MCCAMEY	97SA2415	151	624.7
54	869	PARKER	94CN9010	20	623.8
55	20	CONTINENTAL	94SB4080	66	620.7
56	24	RODD FIELD	94CS3010	2,023	616.0
57	327	GREGORY	94CS5900	108	613.2
58	980	SONORA ATLANTIC (SWTEC)	97SA4415	31	611.5
59	16	BANQUETTE	94CS9000	457	574.1
60	358	SOUTHSIDE	94CS7955	1,060	573.5
61	75	MASTERTON FIELD	97SA800	189	562.6
62	893	ASPHALT MINES	94LA500	44	562.2
63	178	PALACIOS	94CN8550	45	547.6
64	2	RAYMONDVILLE #2	94SB3250	26	546.9
65	102	BROWNSVILLE	94SB3050	1,989	545.8
66	7	PECOS VALLEY	97SA4080	119	533.9
67	658	RODD FIELD	94CS2190	2,899	531.7
68	516	SOUTH SANTA ROSA	94SB1235	637	526.7
69	57	LAGUNA	94CS9590	3,186	526.5
70	807	ZAPATA	94LA8290	489	520.8
71	423	MESA VIEW	97SA7045	102	514.7
72	1021	SANTA RITA	97SA1100	110	514.2
73	69	PETTUS	94CN1020	461	509.9
74	598	HIGHWAY 9	94CS6730	541	509.8
75	371	MCCAMEY	97SA2420	110	501.5
76	577	DIMMIT	94LA4120	1,314	496.6
77	137	RIO PECOS	97SA3835	123	486.3
78	294	NORTH PADRE ISLAND	94CS5170	1,292	483.4
79	613	NORTH PADRE ISLAND	94CS720	1,307	480.7
80	274	DUNE FIELD (N CRANE)	97SA3885	73	478.0
81	491	MARKHAM	94CN5550	21	476.7
82	763	ZAPATA	94LA8300	2,057	476.7
83	90	BIG OAK	94CN420	152	475.1
84	14	RANDADO	94LA8360	168	474.0
85	448	RISING STAR	97AB5080	588	473.4
86	421	AB WALNUT ST	97AB3785	544	471.0
87	#N/A	ASHERTON	94LA5495	608	470.5
88	148	BIG WELLS	94LA2630	29	470.0
89	418	MOORE FIELD	94SB3960	2,110	467.6
90	1032	EAGLE PASS CITY	94LA450	954	467.3
91	147	KENEDY	94CN1970	564	465.7
92	622	ZAPATA	94LA2710	1,306	465.3
93	1059	HIGHLAND	97SA6370	268	462.0
94	534	MORRIS STREET	94CS7465	787	457.8
95	329	WOOLRIDGE	94CS1120	2,725	450.7

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
96	92	CLARKWOOD	94CS7230	602	443.5
97	42	RIO RICO	94SB8290	289	439.5
98	22	GOVERNMENT WELLS	94LA6800	223	436.9
99	474	BAY CITY	94CN1110	1,236	433.8
100	640	RACHAL	94LA6595	331	432.2
101	767	NIXON	94CN2025	513	431.8
102	173	INDIAN MESA	97SA2695	168	431.8
103	78	MCKENZIE ROAD	94CS140	277	431.1
104	308	WADSWORTH	94CN7660	1,420	424.1
105	6	TATTON	94CN8490	347	420.2
106	1125	AB ELM CREEK	97AB1825	214	418.9
107	95	PREMONT	94LA6570	761	413.9
108	381	BANQUETTE	94CS130	228	413.4
109	99	SAN DIEGO	94LA1980	587	412.5
110	537	LULING - LCRA	94CN20	281	411.1
111	161	ELSA	94SB3500	1,263	410.6
112	1006	WEST OSO	94CS9085	923	410.0
113	143	TRENT	97AB4245	179	409.5
114	430	PLEASANTON	94LA9475	1,346	400.2
115	52	ALBANY	97AB2029	231	398.6
116	48	EAST HARRISON	94SB3950	675	398.0
117	72	MORRIS STREET	94CS8840	648	396.4
118	183	PORT ISABEL S.S.	94SB3820	181	395.9
119	180	HOLLY	94CS1950	827	394.1
120	372	ARANSAS PASS	94CS590	410	387.9
121	447	YELLOW JACKET	97SA7935	792	387.0
122	786	AB ELM CREEK	97AB4775	890	381.2
123	611	INDIAN MESA	97SA2690	70	380.3
124	270	RIO GRANDE CITY	94SB3740	2,334	377.2
125	690	MINES ROAD	94LA3680	1,202	373.5
126	109	NORTH MERCEDES	94SB3840	663	372.6
127	255	MORRIS STREET	94CS8820	1,216	371.8
128	498	BRONTE AMBASSADOR	97SA6650	14	369.6
129	212	KLEBERG	94CS9395	1,278	369.6
130	30	GOVERNMENT WELLS	94LA7240	223	369.5
131	509	SAN DIEGO	94LA2930	571	369.2
132	383	UVALDE	94LA6620	2,808	366.4
133	655	NORTH VICTORIA	94CN6390	1,510	365.4
134	726	PUEBLO	94LA9870	1,363	363.4
135	531	CLARKWOOD	94CS9570	1,173	363.2
136	235	HEARN ROAD	94CS8990	1,300	362.8
137	457	EAGLE LAKE	94CN9455	596	362.6
138	1111	KEPLER	94CS2665	40	359.8
139	943	AB ELMDALE	97AB4520	263	359.2
140	1035	SA COKE ST	97SA4910	1,766	359.2
141	333	PALACIOS	94CN6840	1,506	358.2
142	106	SHROPSHIRE	94CN1240	70	358.0
143	71	MAYO	94CS625	201	355.5
144	984	KEPLER	94CS1700	22	354.9
145	781	ODEM	94CS385	470	353.9

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
146	502	HOLLY	94CS9675	1,778	351.0
147	357	GANADO	94CN5815	600	349.8
148	203	MORRIS STREET	94CS8715	1,614	347.0
149	719	CHARLOTTE	94LA2790	205	346.0
150	26	BLESSING	94CN8780	59	345.7
151	56	KITTIE WEST	94CN3765	317	336.4
152	169	CITRUS CITY	94SB6000	2,251	334.2
153	672	BAY CITY	94CN6670	1,614	333.8
154	472	GILA	94CS7840	765	331.5
155	79	PETTUS	94CN8210	329	327.9
156	#N/A	MCCOLL ROAD	94SB5485	1,040	327.0
157	4	PREMONT	94LA2730	194	323.4
158	266	EAGLE LAKE	94CN310	723	323.3
159	189	BEEVILLE	94CN1760	1,817	323.2
160	515	PALMHURST	94SB1300	2,188	322.9
161	348	GANADO	94CN5795	472	321.8
162	680	KITTIE WEST	94CN3760	237	321.5
163	1100	AB MCMURRY	97AB3240	752	320.3
164	435	AIRLINE	94CS9030	412	319.5
165	128	RAYMONDVILLE #2	94SB3170	742	317.2
166	184	CROSS PLAINS	97AB2920	568	317.2
167	85	FREER	94LA1500	201	316.2
168	523	AB ONYX REA	97AB3260	136	316.0
169	97	ELDORADO	97SA2880	349	315.4
170	188	NORTH VICTORIA	94CN7440	1,616	314.9
171	489	RACHAL	94LA8145	348	314.8
172	108	ALPINE 12KV	97SA3160	1,003	314.5
173	987	SHARYLAND	94SB2150	391	314.4
174	263	JOURDANTON	94LA250	770	314.1
175	267	PARKER	94CN9260	111	310.9
176	616	BEN FICKLIN	97SA6175	715	310.1
177	969	BERCLAIR	94CN990	208	308.8
178	731	VILLA CAVAZOS	94SB5680	1,839	306.5
179	195	HOLCOMB	94LA3025	343	305.0
180	605	CAUSEWAY	94SB4795	1,234	304.5
181	382	RODD FIELD	94CS205	2,049	303.0
182	271	YELLOW JACKET	97SA5505	529	301.5
183	81	WADSWORTH	94CN8630	672	301.1
184	992	SOUTH MCALLEN	94SB3935	1,006	300.0
185	666	RANKIN	97SA7425	116	299.2
186	1086	MOCKINGBIRD	94CN370	37	298.9
187	166	MIDWAY LANE	97SA3440	65	295.0
188	268	VALENTINE	97SA6325	576	294.2
189	185	CHARLOTTE	94LA2780	56	293.7
190	612	EAGLE PASS CITY	94LA2770	2,980	292.6
191	249	BLACK BAYOU	94CN1120	314	291.6
192	880	JUNCTION	97SA4340	800	290.9
193	191	FREISS RANCH	97SA4870	100	289.6
194	1115	SA CONCHO	97SA1705	898	289.5
195	796	ANSON REA (SEC)	97AB5215	245	289.1

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
196	167	BLESSING	94CN8790	772	288.3
197	971	KNOX CITY	97AB3300	466	287.8
198	10	RIO RICO	94SB8330	451	286.1
199	467	KLEBERG	94CS8140	643	286.0
200	514	PUEBLO	94LA130	1,438	284.5
201	157	GREGORY	94CS420	455	282.8
202	881	SOUTH EAST EDINBURG	94SB4570	1,900	282.2
203	481	FALFURRIAS	94LA2830	1,468	281.0
204	496	DEVINE	94LA7090	994	280.8
205	29	ALICE	94LA2530	1,476	280.5
206	245	CAUSEWAY	94SB4765	973	279.5
207	439	SARAGOSA	97SA1552	774	278.3
208	903	PORT ISABEL S.S.	94SB3760	728	277.5
209	237	LIVE OAK	94CS1080	1,329	277.5
210	863	CHARLOTTE	94LA1960	499	277.3
211	206	PREMONT	94LA6610	821	276.8
212	224	WEIL TRACT (138/12KV)	94CS5405	172	276.7
213	730	ENCINAL	94LA2160	231	276.7
214	19	JOURDANTON	94LA5685	354	274.2
215	39	BLESSING	94CN1030	282	271.0
216	158	JOURDANTON	94LA7880	589	269.6
217	286	GILA	94CS350	144	269.4
218	451	RISING STAR	97AB5075	655	269.0
219	#N/A	ASHERTON	94LA4175	89	268.6
220	822	PHARR	94SB1625	1,743	268.2
221	748	YORKTOWN	94CN3130	475	267.6
222	775	MATHIS	94CS1410	469	266.8
223	572	PUEBLO	94LA275	2,806	266.0
224	519	AB RAINEY CREEK	97AB4550	995	266.0
225	811	DEL MAR	94LA490	789	264.8
226	246	WESMER	94SB7760	2,545	264.6
227	389	WESLACO UNIT	94SB7630	2,574	262.4
228	58	PORT LAVACA	94CN8310	352	262.3
229	403	SPUDDER FLAT	97SA4175	54	262.0
230	675	GOODWIN	94SB3530	320	260.4
231	794	MAYBERRY	94SB1790	1,798	260.3
232	132	KLEBERG	94CS280	1,320	259.4
233	475	RANKIN	97SA5735	188	258.1
234	38	RIO RICO	94SB5050	1,803	258.0
235	501	POLK AVENUE	94SB4900	2,938	257.6
236	1135	LAREDO PLANT	94LA8695	1,400	257.4
237	175	NORTH EDINBURG	94SB560	1,910	254.2
238	884	NORTH VICTORIA	94CN7770	824	254.0
239	208	MERTZON (CVEC)	97SA2905	588	253.2
240	521	EL CAMPO	94CN6370	746	252.2
241	199	MORRIS STREET	94CS2515	1,059	251.5
242	131	BIG WELLS	94LA1570	432	250.9
243	412	OLMITO	94SB715	637	250.3
244	635	KLEBERG	94CS6410	246	249.9
245	821	CARRIZO SPRINGS	94LA750	575	249.9

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
246	919	UVALDE	94LA9770	948	249.2
247	309	DEVINE	94LA8100	1,585	247.1
248	568	SOUTHSIDE	94CS7925	1,274	247.1
249	1071	WAGGONER	97AB5900	27	245.4
250	558	AB VOGEL ST	97AB4405	576	245.3
251	54	ARCADIA	94CS8570	1,445	245.0
252	873	HIGHLAND	97SA6385	1,336	245.0
253	522	GARCENO	94SB2135	1,423	242.6
254	883	POWELL FIELD	97SA2528	25	242.2
255	645	ODEM	94CS375	1,035	241.7
256	569	KARNES CITY	94CN2315	1,027	240.6
257	826	SHARYLAND	94SB5635	2,258	240.3
258	345	ARANSAS PASS	94CS660	741	239.1
259	408	HOLLY	94CS1480	1,703	238.6
260	118	ANNA STREET	94LA2250	1,524	238.1
261	656	PORT ARANSAS	94CS990	1,346	237.5
262	366	ODEM	94CS5575	68	233.4
263	15	MCELROY	97SA5165	104	232.2
264	711	PALACIOS	94CN6830	842	231.6
265	583	PORT ARANSAS	94CS6940	1,530	230.9
266	608	GATEWAY	94LA5055	1,723	229.8
267	135	VERHALEN	97SA4465	30	226.9
268	1122	VALENTINE	97SA5590	211	226.8
269	573	BISHOP	94CS7180	918	226.1
270	571	MOCKINGBIRD	94CN400	405	225.5
271	697	BAY CITY	94CN6450	937	224.5
272	766	WASHINGTON STREET	94LA6525	2,070	224.4
273	152	CITRUS CITY	94SB5070	923	223.4
274	818	HEARN ROAD	94CS9665	679	222.8
275	209	CHRISTOVAL	97SA6615	423	222.3
276	909	PUTNAM	97AB2131	123	220.9
277	202	CRYSTAL CITY	94LA8380	1,343	220.1
278	1057	RODD FIELD	94CS245	2,878	219.1
279	230	PALMVIEW	94SB3930	1,129	219.0
280	899	HOLLY	94CS7620	2,707	218.7
281	124	SONORA 138 SUB	97SA4810	915	218.1
282	275	KINGSVILLE	94CS1350	391	217.3
283	291	RAYMONDVILLE #2	94SB1280	990	215.9
284	436	HIDALGO	94SB4845	1,339	215.3
285	450	WESMER	94SB9705	1,071	214.9
286	463	CISCO	97AB7400	820	213.4
287	361	HOLLY	94CS1370	1,890	211.9
288	600	BUSH KNOB	97AB5200	287	211.7
289	396	PUTNAM	97AB2129	217	211.6
290	762	CAMPWOOD	94LA2610	956	210.9
291	302	PORT ISABEL S.S.	94SB9295	2,304	210.7
292	1190	SWENSON	97AB136	27	210.4
293	556	SINTON	94CS180	955	209.4
294	33	FOSTER FIELD	94CN2550	57	208.7
295	145	BAY CITY	94CN5960	2,075	208.6

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
296	651	GARWOOD CITY	94CN2570	141	207.8
297	399	LANTANA	94CS7150	268	206.9
298	165	WESMER	94SB6900	1,633	206.7
299	#N/A	VERHALEN	97SA14765	20	206.2
300	322	KINGSVILLE	94CS1660	1,971	205.2
301	517	DEL RIO CITY	94LA1930	1,548	204.1
302	304	BRUNI	94LA1120	276	203.3
303	282	DEL MAR	94LA3440	1,477	201.9
304	591	UVALDE	94LA5060	1,291	201.1
305	547	AIRLINE	94CS9390	2,069	201.1
306	425	SAN BENITO	94SB4030	2,723	200.6
307	494	ACME BESTWALL	97AB4150	65	200.5
308	8	SUN VALLEY	97SA4300	69	199.3
309	194	HEARN ROAD	94CS8980	1,255	198.7
310	872	HIDALGO	94SB3400	891	198.4
311	857	POLK AVENUE	94SB4740	1,681	197.1
312	53	LOS FRESNOS	94SB4315	1,120	196.6
313	438	PALMHURST	94SB2535	2,346	196.4
314	154	TATTON	94CS950	488	196.2
315	561	RAYMONDVILLE #2	94SB3240	938	195.5
316	464	BEEVILLE	94CN8510	813	195.2
317	96	WESMER	94SB4480	1,134	195.2
318	171	EL GATO	94SB720	2,492	193.9
319	641	PHARAOH	94CS5175	1,287	193.5
320	510	WEST HARLINGEN	94SB3700	1,802	193.1
321	580	CISCO	97AB6530	524	193.0
322	1162	HAMILTON ROAD	94LA9645	288	192.5
323	866	SHARYLAND	94SB5105	1,785	192.1
324	837	REFUGIO	94CN1210	182	192.1
325	242	LAREDO PLANT	94LA8505	997	192.1
326	455	CHOKE CANYON	94CN9255	364	190.8
327	13	GREENLAKE	94CN2740	361	190.2
328	724	RUSSEK STREET	97SA11370	204	189.1
329	476	PEARSALL	94LA7050	960	188.8
330	849	WINTERS	97SA3765	804	188.6
331	722	HOLLY	94CS7740	2,201	188.4
332	689	VERNON	97AB3340	540	187.6
333	276	FALFURRIAS	94LA1080	448	187.2
334	247	NORTH ALAMO	94SB3610	1,905	186.5
335	328	ARCADIA	94CS1440	1,653	186.2
336	163	CROSS PLAINS	97AB2915	762	185.9
337	667	CAMPWOOD	94LA3430	109	185.8
338	241	WEIL TRACT (138/12KV)	94CS2520	79	185.4
339	70	ELSA	94SB710	1,932	184.9
340	631	LA PRYOR	94LA2440	717	184.6
341	265	HAMLIN SHELL	97AB6330	25	184.6
342	121	POINT COMFORT	94CN6060	361	184.1
343	312	SOUTHSIDE	94CS8045	965	184.1
344	445	PALMHURST	94SB2525	2,175	183.7
345	917	SAN BENITO	94SB3910	1,784	183.4

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
346	83	MARKHAM	94CN6440	461	183.3
347	335	PHARAOH	94CS1185	1,642	182.7
348	574	HIGHWAY 9	94CS6780	762	182.4
349	975	CHRISTOVAL	97SA6620	597	181.8
350	861	PECAN BAYOU	97AB6815	1,511	181.6
351	343	AMISTAD DAM	94LA5450	1,284	180.9
352	60	AIRLINE	94CS7280	642	180.2
353	74	CARRIZO SPRINGS	94LA370	544	180.0
354	953	NORTH VICTORIA	94CN7430	1,684	179.7
355	129	LAREDO PLANT	94LA9305	1,068	179.6
356	701	PORT ISABEL S.S.	94SB4070	275	179.6
357	452	MORRIS STREET	94CS5655	379	179.6
358	415	HOLLY	94CS5820	918	179.3
359	392	FULTON	94CS9050	1,640	179.1
360	94	CATARINA	94LA2380	181	178.0
361	126	MORAN	97AB2107	220	177.9
362	820	EOLA	97SA4950	238	177.1
363	369	GOODWIN	94SB4380	1,556	176.4
364	107	PAISANO	97SAPAISAN	133	176.2
365	342	KINGSVILLE	94CS1670	413	175.5
366	739	CLYDE	97AB1755	131	175.0
367	227	COLUMBUS	94CN9060	368	174.7
368	89	CHILDRESS 69	97AB1480	291	173.6
369	427	STADIUM	94LA7490	1,304	172.7
370	140	GOLIAD	94CN6540	1,213	172.4
371	1046	ROCKSPRINGS	94LA8040	350	172.3
372	248	NORTH ALAMO	94SB4370	1,582	172.2
373	429	SOUTH SANTA ROSA	94SB1215	1,668	172.0
374	#N/A	READING	94LA1445	554	171.7
375	715	COTULLA	94LA460	511	171.5
376	477	EAST HARRISON	94SB3030	684	171.3
377	1045	ZAPATA	94LA7330	1,323	171.1
378	634	ESCONDIDO	94LA2035	2,717	171.1
379	642	ALICE	94LA1770	1,634	170.9
380	1178	COLLEGE HILLS	97SA4845	416	170.7
381	806	CRYSTAL CITY	94LA7425	436	169.9
382	607	VILLA CAVAZOS	94SB7615	1,065	169.7
383	1150	WASHINGTON STREET	94LA6355	944	169.3
384	973	HOLLY	94CS1220	3,374	168.5
385	397	CHILDRESS 20TH ST	97AB5720	178	168.4
386	47	GREGORY	94CS5920	696	167.7
387	736	SONORA	97SA2045	617	167.6
388	363	SOUTH SANTA ROSA	94SB1225	854	167.5
389	805	SOUTHSIDE	94CS8025	1,055	166.5
390	1042	OZONA	97SA3810	649	166.4
391	204	SOUTHSIDE	94CS8005	746	165.2
392	292	HIGHWAY 9	94CS6760	966	165.2
393	1092	AB VOGEL ST	97AB4560	1,469	164.7
394	705	BAY CITY	94CN2050	542	163.1
395	538	HEIGHTS	94LA6810	2,078	162.6

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
396	617	ARCADIA	94CS5020	1,445	162.3
397	35	ALICE	94LA2540	982	161.9
398	817	GATEWAY	94LA390	3,241	161.8
399	437	RIO PECOS	97SA513	33	160.8
400	875	LANTANA	94CS4095	191	160.7
401	1007	GOVERNMENT WELLS	94LA7250	564	160.7
402	289	AB OIL MILL	97AB3900	676	160.6
403	1058	SOUTH EAST EDINBURG	94SB4015	307	159.3
404	394	CRESTONIO	94LA6660	772	158.6
405	604	WEST MCALLEN	94SB4815	668	158.5
406	252	FT CHADBOURNE	97SA6520	550	158.5
407	729	CHILDRESS 20TH ST	97AB5725	656	158.2
408	313	BEEVILLE	94CN300	1,658	158.1
409	802	ARANSAS PASS	94CS650	895	157.6
410	896	VERHALEN	97SA4460	69	157.4
411	458	HAROLD	97AB1495	24	157.2
412	563	HIGHWAY 9	94CS6720	1,301	157.1
413	359	ASPR CONTINENTAL	97AB4800	33	155.3
414	31	RAYMONDVILLE #1	94SB620	643	155.3
415	553	WASHINGTON STREET	94LA7015	1,529	155.2
416	114	QUANAH	97AB100	90	154.3
417	138	KLEBERG	94CS1560	1,447	154.0
418	413	CISCO	97AB1020	423	152.6
419	23	MATTHEWS	94CN1740	161	152.4
420	808	WESMER	94SB1850	1,406	152.3
421	1063	ALICE	94LA1790	464	152.2
422	947	AB MCMURRY	97AB3245	792	152.1
423	277	SOUTHSIDE	94CS7995	1,564	151.2
424	146	ROCKPORT	94CS5930	1,341	151.2
425	780	MCCOLL ROAD	94SB1655	1,033	151.0
426	770	EDROY	94CS6980	201	150.6
427	597	ROCHESTER	97AB3290	78	150.2
428	506	BUENA VISTA	94LA9035	1,950	149.3
429	924	BAY CITY	94CN2700	1,082	149.1
430	744	DEL RIO CITY	94LA9850	1,015	149.0
431	449	MERKEL	97AB1895	704	148.8
432	1155	PLASTERCO (MWEC)	97AB2720	113	148.7
433	349	BEEVILLE	94CN2200	735	148.1
434	414	ARCADIA	94CS1450	2,000	147.9
435	234	EAST HARRISON	94SB3190	1,490	146.4
436	614	PECAN BAYOU	97AB6810	429	146.3
437	994	AB OIL MILL	97AB2785	249	145.7
438	625	WESMER	94SB4050	1,943	145.6
439	530	BONNIEVIEW	94CS8020	548	144.8
440	318	SA GRAPE CREEK	97SA5365	811	144.4
441	65	CLARKWOOD	94CS7220	894	143.3
442	963	TYNAN	94CS4000	27	142.8
443	139	PALMHURST	94SB3890	2,747	142.5
444	120	CLARKWOOD	94CS5525	666	142.3
445	918	BOBCAT HILLS	97SA6655	21	142.2

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
446	244	MORAN	97AB2108	318	141.7
447	557	NORTH MCALLEN	94SB5060	2,493	141.6
448	851	HALL ACRES ROAD	94SB5585	1,444	141.1
449	936	AB DYESS 2	97AB6335	355	141.0
450	931	HARLINGEN	94SB370	1,208	140.4
451	116	SOUTH EAST EDINBURG	94SB5045	2,185	138.6
452	40	CRESTONIO	94LA270	619	137.6
453	407	SA LAKE DR	97SA6030	758	137.4
454	410	UVALDE	94LA480	1,429	137.0
455	117	LYTLE	94LA2850	710	136.7
456	552	SHARYLAND	94SB6745	2,158	136.6
457	652	AB RAINEY CREEK	97AB4270	1,402	136.5
458	894	EAGLE PASS CITY	94LA2650	1,355	135.0
459	878	SA WALNUT ST	97SA3910	150	134.7
460	1142	JAYTON	97AB6125	351	134.1
461	505	SOUTH MISSION	94SB3590	558	133.9
462	37	CABANISS	94CS80	1,328	132.6
463	142	CASA BLANCA	94CS4170	1,062	132.2
464	1043	ROARING SPRINGS	97AB2065	213	132.2
465	727	VERNON	97AB4275	597	131.7
466	657	REFUGIO	94CN5120	690	131.5
467	951	PLEASANTON	94LA2080	1,637	131.1
468	1048	COLUMBUS	94CN6180	464	131.0
469	323	VILLA CAVAZOS	94SB1980	2,128	130.1
470	653	EL CAMPO	94CN7710	1,057	129.5
471	321	RIO BRAVO	94LA300	788	129.0
472	1074	SANTA ANNA	97SA3415	336	129.0
473	864	MERTZON (CVEC)	97SA1530	322	128.8
474	376	BROWNSVILLE	94SB4290	505	128.3
475	262	ARANSAS PASS	94CS1250	636	128.3
476	393	NORTH MCALLEN	94SB4995	2,439	127.8
477	527	AIRLINE	94CS6970	1,393	127.8
478	579	BRYANTS RANCH	97SA205	21	127.4
479	156	GREENLAKE	94CN2760	1,171	127.4
480	838	PALMVIEW	94SB9685	2,879	126.7
481	1024	AB HARTFORD ST	97AB3815	1,122	126.3
482	151	ALPINE 12KV	97SA3155	1,148	126.2
483	431	ELSA	94SB690	2,406	126.2
484	377	PHARR	94SB1640	1,380	125.6
485	100	RAYMONDVILLE #1	94SB630	787	124.5
486	341	FALFURRIAS	94LA5210	1,128	124.1
487	674	DILLEY	94LA3795	821	123.8
488	778	ASPERMONT	97AB1070	319	123.3
489	593	MORRIS STREET	94CS8830	1,541	123.3
490	1044	AB SHELTON ST	97AB3040	174	123.0
491	967	MAGNOLIA	94CN315	77	122.8
492	67	O CONNER	94CN390	197	122.7
493	648	SOUTH PADRE ISLAND	94SB5850	1,314	122.6
494	1187	PEACOCK	97AB1375	45	122.6
495	470	PALMHURST	94SB2820	1,787	122.5

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
496	678	WASHINGTON STREET	94LA2350	3,016	122.4
497	743	MESQUITE	94SB2900	912	122.1
498	920	ROMA	94SB3060	1,551	122.0
499	420	DILLEY	94LA510	556	121.8
500	280	PLEASANTON	94LA120	1,244	121.5
501	664	GONZALES	97SA15390	1,348	120.8
502	337	SAN BENITO	94SB4945	1,725	120.6
503	865	PHARAOH	94CS5185	2,348	120.4
504	961	STADIUM	94LA7800	673	120.4
505	949	SA NORTH	97SA3130	222	119.9
506	1015	MCCAMEY	97SA2855	82	119.4
507	882	GEORGE WEST	94CN1320	709	119.4
508	417	AB RAINEY CREEK	97AB4220	193	119.1
509	88	HARLINGEN SWITCH	94SB4230	1,359	118.9
510	647	THROCKMORTON	97AB2090	70	118.8
511	339	SOUTH MISSION	94SB3980	1,857	118.3
512	259	PHARAOH	94CS1285	1,780	117.6
513	541	SUNCHASE	94SB1150	1,303	117.5
514	153	ALBANY	97AB3640	333	117.3
515	168	FULTON	94CS6070	3,357	117.1
516	644	NAVAL BASE	94CS9720	2,499	117.1
517	1091	SA WALNUT ST	97SA3925	885	116.6
518	375	SA MATHIS FIELD	97SA4790	179	116.5
519	646	GOODWIN	94SB7380	1,882	115.9
520	532	MAYBERRY	94SB3160	542	115.8
521	1069	COLUMBUS	94CN930	914	115.3
522	45	CRESTONIO	94LA260	1,726	115.2
523	434	ROCKSPRINGS	94LA2600	374	114.8
524	325	NORTH MERCEDES	94SB4860	1,488	114.5
525	260	CABANISS	94CS75	2,219	113.5
526	301	EAGLE PASS CITY	94LA2745	929	113.3
527	1016	SA NORTH	97SA3125	1,256	112.7
528	258	HALL ACRES ROAD	94SB3460	3,129	112.4
529	192	SA EMERSON ST	97SA4630	1,217	112.2
530	93	RANGERVILLE	94SB3410	192	112.2
531	554	RULE	97AB3396	428	111.9
532	134	CABANISS	94CS240	1,571	110.3
533	734	SOUTH SANTA ROSA	94SB7485	1,081	110.1
534	197	OLMITO	94SB905	1,594	110.0
535	844	PUEBLO	94LA95	1,272	109.6
536	1084	AB EAST 12KV	97AB5760	208	108.4
537	714	FREER	94LA2900	159	107.4
538	804	MINES ROAD	94LA3745	1,923	107.3
539	164	WEST MCALLEN	94SB4555	1,665	107.2
540	133	HOLCOMB	94LA2240	440	106.5
541	1011	MCCAMEY	97SA3670	376	105.9
542	581	POLK AVENUE	94SB4190	1,704	105.6
543	659	NORTH MCALLEN	94SB2750	2,877	104.6
544	#N/A	UNITEC	94LA4715	185	103.9
545	440	SOUTH SANTA ROSA	94SB1240	1,605	103.7

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
546	492	NORTH EDINBURG	94SB3570	1,016	103.4
547	326	POLK AVENUE	94SB4610	1,171	103.4
548	619	HAMILTON ROAD	94LA9665	1,241	103.4
549	842	AB VOGEL ST	97AB4410	766	103.1
550	750	HALL ACRES ROAD	94SB4895	852	103.1
551	73	RANDADO	94LA8350	128	103.0
552	728	SANTO NINO	94LA515	2,195	103.0
553	1107	SA SOUTHLAND HILLS	97SA5860	1,197	102.7
554	404	KARNES CITY	94CN2325	659	102.6
555	113	SINTON	94CS6860	1,656	102.4
556	602	PALMVIEW	94SB7595	3,157	102.4
557	649	NORTH VICTORIA	94CN2240	731	102.2
558	187	DEL RIO CITY	94LA420	2,007	101.9
559	453	EL CAMPO	94CN2860	1,484	101.4
560	688	MATHIS	94CS340	1,377	101.1
561	908	STADIUM	94LA6950	529	101.0
562	704	CRYSTAL CITY	94LA1425	1,163	100.3
563	306	HIGHWAY 9	94CS6770	1,035	100.2
564	223	MORRIS STREET	94CS7625	537	100.0
565	694	COMSTOCK	94LA230	181	99.8
566	264	SAN BENITO	94SB3920	2,217	99.2
567	125	HAINE DRIVE	94SB9240	33	98.8
568	239	EDNA	94CN5765	1,118	98.7
569	911	AB ELM CREEK	97AB1820	95	98.7
570	795	JOURDANTON	94LA5695	320	98.5
571	710	BEN FICKLIN	97SA6180	1,072	98.1
572	176	MCCOLL ROAD	94SB4400	1,455	97.9
573	34	FOSTER FIELD	94CN8880	289	97.6
574	55	PORT ARANSAS	94CS1000	2,115	97.5
575	1154	KNOX CITY	97AB3390	371	96.9
576	1017	PONDER KENNEDY	97SA50208	12	96.6
577	297	HARLINGEN SWITCH	94SB320	1,572	96.5
578	533	KINGSVILLE	94CS1130	2,292	95.9
579	177	KIRKLAND	97AB3545	28	95.0
580	344	INGLESIDE CITY	94CS8050	1,252	94.7
581	889	ALPINE 12KV	97SA6825	1,959	94.5
582	1039	HAINE DRIVE	94SB9700	1,113	93.9
583	699	ARCADIA	94CS1360	1,444	93.5
584	834	WOODSBORO	94CS8330	290	93.4
585	813	PHARR	94SB1620	2,740	93.0
586	300	AIRLINE	94CS7390	2,217	92.6
587	444	PORTLAND	94CS9290	1,782	92.5
588	1176	SA CONCHO	97SA1715	284	92.4
589	590	ARCADIA	94CS5030	1,572	92.3
590	473	THREE RIVERS	94CN2580	124	91.8
591	879	AB HARTFORD ST	97AB3820	928	91.8
592	365	BROOKHOLLOW	94CN8950	888	91.7
593	874	AIRLINE	94CS9605	710	91.7
594	488	LIVE OAK	94CS1070	2,517	91.6
595	624	NIXON	94CN6630	616	91.2

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
596	782	LEARY LANE	94CN7530	3,011	90.9
597	370	BAY CITY	94CN7480	2,108	90.7
598	876	AB EAST 12KV	97AB4820	1,142	90.6
599	390	SOUTH EAST EDINBURG	94SB4550	1,754	90.4
600	331	EL CAMPO	94CN2800	822	90.1
601	540	TYNAN	94CS1855	136	89.8
602	565	THREE RIVERS	94CN2010	315	89.5
603	290	COFFEE PORT	94SB1095	1,032	89.0
604	9	TAFT	94CS1260	173	88.4
605	159	TUSCOLA	97AB3730	1,419	88.3
606	356	PHARR	94SB1645	2,373	88.2
607	512	TUSCOLA	97AB3305	1,100	87.6
608	62	ANNA STREET	94LA850	1,565	87.5
609	433	CLYDE	97AB1760	447	87.4
610	718	DEL MAR	94LA7930	1,600	87.4
611	299	NORTH PADRE ISLAND	94CS7900	2,297	87.3
612	856	AB SHELTON ST	97AB3050	641	86.5
613	867	EL CAMPO	94CN5745	915	86.5
614	441	MILO	94LA6940	871	86.1
615	860	RAYMONDVILLE #1	94SB3130	269	86.0
616	898	SHARYLAND	94SB2020	2,565	85.3
617	950	CONTINENTAL	94SB4880	68	85.2
618	965	MAGRUDER	94CN6690	742	84.7
619	848	WOOLRIDGE	94CS1170	2,140	84.6
620	281	EAGLE PASS CITY	94LA2510	568	84.5
621	1148	TRUSCOTT	97AB3845	31	84.2
622	712	GEORGE WEST	94CN730	921	83.8
623	983	WEST HARLINGEN	94SB3800	1,394	83.7
624	332	PHARR	94SB1650	847	83.5
625	1050	MAYBERRY	94SB5770	820	83.4
626	892	WYLIE	97AB2675	800	83.4
627	549	TWILIGHT TRAIL	97AB4290	985	83.2
628	155	QUANAH	97AB1830	626	82.9
629	923	NORTH MCALLEN	94SB3830	1,404	82.8
630	862	GONZALES	97SA14685	1,058	82.5
631	790	MAGRUDER	94CN6700	1,358	82.0
632	350	CASA BLANCA	94CS55	857	81.7
633	36	SHEFFIELD	97SA6430	210	81.5
634	713	FALFURRIAS	94LA1070	985	81.2
635	486	SOUTHSIDE	94CS8055	857	81.2
636	525	COFFEE PORT	94SB1090	1,220	81.1
637	1103	SA NORTH	97SA3120	1,111	80.8
638	422	AB OIL MILL	97AB2780	745	80.8
639	752	ANNA STREET	94LA900	2,834	80.7
640	692	BRACKETTVILLE	94LA8460	1,187	80.6
641	855	HEIGHTS	94LA2450	2,074	80.2
642	443	WEST HARLINGEN	94SB3720	2,131	80.1
643	482	GREGORY	94CS8560	251	80.1
644	621	QUANAH	97AB3975	211	79.9
645	603	VICTORIA POWER PLANT	94CN7600	161	79.7

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
646	687	GARCENO	94SB2130	1,783	79.4
647	662	NORTH ALAMO	94SB3580	837	79.0
648	562	ARCADIA	94CS6930	1,486	79.0
649	809	NORTH VICTORIA	94CN1580	961	78.9
650	970	MILES	97SA4670	544	78.0
651	661	CITRUS CITY	94SB9775	1,539	77.6
652	373	SA SOUTHLAND HILLS	97SA5055	846	77.5
653	845	MARFA	97SA1905	1,133	77.3
654	737	CLARKWOOD	94CS7610	104	77.2
655	725	RIO GRANDE CITY	94SB3230	2,597	77.1
656	406	EL GATO	94SB780	1,799	77.1
657	1005	SPUR	97AB5170	370	77.1
658	779	MAGRUDER	94CN7690	547	77.1
659	823	LA GRULLA	94SB5005	1,166	76.8
660	819	MCKENZIE ROAD	94CS330	2,397	76.8
661	1114	HIDALGO	94SB3680	321	76.7
662	324	PEARSALL	94LA5580	837	76.3
663	939	POLK AVENUE	94SB4180	1,302	75.6
664	391	CITRUS CITY	94SB3470	1,590	74.5
665	483	HAINE DRIVE	94SB9690	592	74.4
666	1163	AB SHELTON ST	97AB3045	550	74.2
667	905	PORT LAVACA	94CN2480	1,542	74.2
668	1139	SAND ROAD	97AB5195	253	74.1
669	1101	ROWENA	97SA4480	220	73.8
670	136	SABINAL	94LA485	487	73.6
671	665	WEAVER ROAD	94CN1910	26	73.2
672	830	LAREDO PLANT	94LA8745	752	71.7
673	80	CONOCO-CHITTAM RANCH	94LA8580	26	71.5
674	193	REFUGIO	94CN1040	164	71.2
675	314	DEL MAR	94LA220	1,423	71.2
676	638	PREMONT	94LA2720	755	70.8
677	559	SOUTH MCALLEN	94SB3850	1,338	70.3
678	799	CLYDE	97AB3630	571	70.3
679	560	POLK AVENUE	94SB4600	3,244	70.2
680	127	PHARAOH	94CS1365	681	70.1
681	1108	SAN BENITO	94SB3860	230	69.7
682	524	MCCOLL ROAD	94SB4790	2,063	69.6
683	628	CARRIZO SPRINGS	94LA910	867	69.5
684	213	NIXON	94CN3300	580	68.9
685	564	LOS FRESNOS	94SB2160	1,504	68.4
686	526	ARCADIA	94CS1460	2,091	68.0
687	1104	SANTA ANNA	97SA3420	355	68.0
688	828	PAWNEE (STEC OWNED)	94CN22202	192	67.8
689	632	HAMILTON ROAD	94LA9655	1,265	67.6
690	738	BEEVILLE	94CN8090	1,364	67.1
691	916	UVALDE	94LA540	1,199	67.1
692	1129	BROOKHOLLOW	94CN7190	280	67.1
693	754	LA GRULLA	94SB4120	1,427	66.5
694	995	AB MCMURRY	97AB4510	827	66.4
695	50	LOLITA	94CN6330	31	66.0

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
696	929	YORKTOWN	94CN8420	665	65.9
697	520	AB OVER STREET 12KV	97AB3140	667	65.8
698	#N/A	CLOSER	94SB7505	502	65.8
699	663	AB DYESS 1	97AB1775	740	65.6
700	59	GOLIAD	94CN8220	1,048	65.6
701	469	FASHING	94CN360	37	65.5
702	886	YORKTOWN	94CN8380	777	65.2
703	49	INGLESIDE CITY	94CS6040	399	64.8
704	977	JUNCTION	97SA4335	784	64.6
705	601	NORTH MCALLEN	94SB9640	1,511	64.6
706	1200	SANTA RITA	97SA1140	14	63.4
707	785	WEST OSO	94CS9095	1,582	63.1
708	387	ZACATE CREEK	94LA2665	1,706	62.8
709	251	CROSS PLAINS	97AB1795	439	62.8
710	254	EL GATO	94SB890	2,938	62.6
711	679	GOODWIN	94SB4625	2,005	62.4
712	948	DEL RIO CITY	94LA440	1,093	62.2
713	639	CHILDRESS 69	97AB4865	767	61.9
714	720	NORTH WESLACO	94SB4810	1,498	61.7
715	205	CEDAR GAP (TEC)	97AB5445	316	61.6
716	507	FREER	94LA6320	163	61.4
717	740	TAFT	94CS5230	824	61.3
718	362	HAINE DRIVE	94SB270	1,094	61.0
719	835	GOODWIN	94SB4390	402	60.8
720	742	NORTH EDINBURG	94SB3810	1,270	60.5
721	810	REFUGIO	94CN1170	841	60.4
722	859	CISCO	97AB9715	1,016	60.0
723	708	STAMFORD	97AB6255	402	60.0
724	315	SEAWALL	94CS9325	1,499	59.8
725	846	HARLINGEN SWITCH	94SB4090	2,299	59.8
726	972	CLYDE	97AB3635	722	59.4
727	853	GARCENO	94SB2165	1,961	59.2
728	228	BROWNSVILLE	94SB4280	319	59.1
729	91	TRENT	97AB2850	27	58.3
730	941	HAROLD	97AB3055	29	58.2
731	685	RIO BRAVO	94LA5	705	58.1
732	618	NORTH MCALLEN	94SB2980	1,788	58.1
733	900	ABILENE PLANT	97AB1570	939	58.0
734	567	MCCAMEY	97SA2830	464	57.7
735	582	PALMHURST	94SB2530	1,831	57.6
736	643	SIERRA VISTA	94LA7360	1,613	57.2
737	784	AB MAPLE ST	97AB5755	836	57.0
738	1052	OZONA	97SA4185	1,358	57.0
739	340	RIO GRANDE CITY	94SB3220	1,361	56.5
740	610	SOUTHSIDE	94CS8035	1,098	56.4
741	465	ABILENE PLANT	97AB1735	83	56.1
742	741	HIGHWAY 9	94CS9830	146	56.0
743	1008	CHARLOTTE	94LA8120	216	56.0
744	1067	ROCHESTER	97AB3295	213	55.9
745	871	MORRIS STREET	94CS8850	402	55.9

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
746	513	BUENA VISTA	94LA8965	923	55.9
747	284	THREE RIVERS	94CN5190	477	55.5
748	1098	SANTO NINO	94LA75	1,501	55.3
749	354	MELVIN	97SA940	44	55.2
750	1003	HALL ACRES ROAD	94SB5465	1,429	54.8
751	585	KLEBERG	94CS6000	1,444	54.8
752	1033	AB OVER STREET 12KV	97AB1635	514	54.8
753	411	SOUTHSIDE	94CS7905	1,820	54.7
754	112	MCCOLL ROAD	94SB2810	2,165	54.4
755	141	STADIUM	94LA8540	1,570	54.3
756	676	EL CAMPO	94CN7260	531	54.2
757	273	HEARN ROAD	94CS2220	1,649	54.1
758	459	KINGSVILLE	94CS1140	1,019	53.9
759	1010	HIGHWAY 9	94CS7210	355	53.9
760	599	ASPERMONT	97AB3380	404	53.8
761	317	EAGLE PASS CITY	94LA7060	869	53.7
762	380	WESLACO UNIT	94SB7455	1,205	53.7
763	684	RAYMONDVILLE #1	94SB800	727	53.7
764	1038	WEINERT	97AB6490	128	53.6
765	815	ZACATE CREEK	94LA2635	975	53.5
766	934	MESQUITE	94SB8340	750	52.7
767	170	WEST MCALLEN	94SB4515	875	52.6
768	1124	KNOX CITY	97AB3985	23	52.2
769	1055	IRAAN	97SA2055	544	51.5
770	233	SOUTH PADRE ISLAND	94SB6440	2,694	51.4
771	123	CASA BLANCA	94CS1300	287	51.4
772	386	SOUTH MCALLEN	94SB5065	137	50.9
773	623	ROARING SPRINGS	97AB6155	29	50.9
774	696	SANTO NINO	94LA645	1,092	50.8
775	902	CHOKE CANYON	94CN5390	411	50.5
776	589	NAVAL BASE	94CS8540	1,581	50.3
777	693	WEST MCALLEN	94SB4535	2,850	50.2
778	587	LEARY LANE	94CN1890	1,629	50.0
779	993	ASPR CONTINENTAL	97AB3830	27	50.0
780	485	MINES ROAD	94LA4275	219	49.8
781	788	CRYSTAL CITY	94LA2170	716	49.8
782	956	MATHIS	94CS2870	879	49.6
783	511	SINTON	94CS360	317	49.4
784	1029	FULTON	94CS440	1,943	49.3
785	374	RIO BRAVO	94LA1130	1,019	49.2
786	182	HARLINGEN	94SB360	2,450	49.2
787	256	ROTAN	97AB1860	717	48.6
788	21	MUSTANG ISLAND	94CS9470	686	48.6
789	5	TATTON	94CS8200	1,099	48.5
790	760	VICTORIA POWER PLANT	94CN8170	820	48.2
791	654	SHAFTER	97SA5110	52	48.1
792	566	AB COUNTRY CLUB	97AB4855	783	48.0
793	250	KNIPPA	94LA6365	315	47.9
794	595	RUNGE	94CN4465	374	47.8
795	1094	PEARSALL	94LA9905	415	47.7

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
796	907	BISHOP	94CS2690	637	47.5
797	803	EAST HARRISON	94SB3080	423	47.3
798	471	SABINAL	94LA200	428	47.0
799	98	COTULLA	94LA610	721	46.8
800	546	SOUTH PADRE ISLAND	94SB4695	1,330	46.6
801	285	SAN DIEGO	94LA2890	1,033	46.4
802	1036	SOUTH MISSION	94SB5215	1,265	46.3
803	594	MAGRUDER	94CN7870	1,266	45.7
804	868	MUNDAY	97AB2080	477	45.6
805	968	CHILLICOTHE	97AB4525	117	45.5
806	211	SOUTHSIDE	94CS5335	1,360	45.4
807	226	GATEWAY	94LA350	1,919	45.2
808	812	FRIO	94LA2270	608	45.1
809	930	RUSSEK STREET	97SA250	166	45.0
810	1022	NORTH MCALLEN	94SB9660	2,126	44.8
811	985	AB SHELTON ST	97AB3060	1,585	44.7
812	1093	TWILIGHT TRAIL	97AB4285	1,153	44.7
813	854	HARLINGEN	94SB380	2,734	44.6
814	385	STAMFORD	97AB2835	134	44.6
815	1097	ABILENE PLANT	97AB1565	275	44.6
816	660	BANDERA ELECTRIC (LEAKEY)	94LAL30	268	44.6
817	217	EDNA	94CN5785	1,376	44.3
818	1028	AB ELM CREEK	97AB1810	839	44.0
819	295	ELSA	94SB3520	806	43.8
820	508	AIRLINE	94CS8260	1,429	43.5
821	1040	CAUSEWAY	94SB4775	1,054	43.5
822	691	BRUNI	94LA1100	598	43.2
823	468	NORTH MERCEDES	94SB3770	1,693	43.1
824	620	NORTH WESLACO	94SB4830	519	42.7
825	998	WYLIE	97AB6495	323	42.3
826	670	LOS FRESNOS	94SB5335	2,577	42.3
827	495	SAN DIEGO	94LA2880	1,296	42.2
828	1159	AILEEN	97AB6435	842	41.8
829	355	HASKELL 12KV	97AB3770	450	41.7
830	63	MUNDAY REA (BKEC)	97AB2015	21	41.6
831	829	LEARY LANE	94CN1430	1,684	41.6
832	824	MERKEL	97AB1890	578	41.4
833	958	HIGHWAY 9	94CS7200	649	41.1
834	232	RIO GRANDE CITY	94SB3210	1,872	41.0
835	17	SAN BENITO	94SB4135	1,281	40.6
836	944	AB SHELTON ST	97AB3660	649	40.6
837	61	MEDIO CREEK	94CN1380	760	40.5
838	749	BUENA VISTA	94LA9385	2,005	40.4
839	160	TAFT	94CS1180	952	40.2
840	1001	EDNA	94CN5775	499	40.1
841	1177	ABILENE PLANT	97AB3175	112	40.1
842	1133	FT DAVIS	97SA3345	425	40.0
843	870	MAGRUDER	94CN6680	690	39.8
844	446	THOMASTON	94CN9580	44	39.7
845	927	THROCKMORTON	97AB3190	609	39.6

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
846	305	WEIL TRACT (138/12KV)	94CS1990	1,391	39.6
847	1132	LA GRULLA	94SB3045	1,139	39.5
848	287	PLEASANTON	94LA9505	1,753	39.2
849	885	MATHIS	94CS1420	897	39.2
850	1171	ABILENE PLANT	97AB1915	60	39.0
851	229	SA GRAPE CREEK	97SA5220	681	39.0
852	198	LIVE OAK	94CS1090	254	39.0
853	716	SOUTH MCALLEN	94SB3790	1,444	39.0
854	990	AB CANYON ROCK	97AB5030	872	38.9
855	190	GARWOOD CITY	94CN2560	195	38.9
856	1102	AB MCMURRY	97AB4360	1,096	38.6
857	1158	MATADOR	97AB3090	304	38.6
858	988	FT DAVIS	97SA4515	992	38.6
859	964	ROMA	94SB3070	904	38.6
860	596	PORTLAND	94CS6505	1,815	38.1
861	801	SA SOUTH	97SA3995	1,386	38.1
862	700	LA GRULLA	94SB5110	999	37.8
863	996	COLLEGE HILLS	97SA4835	442	37.7
864	1073	BEN FICKLIN	97SA6185	568	37.6
865	400	WINTERS	97SA2113	805	37.5
866	681	PLACEDO	94CN7970	490	37.5
867	637	DILLEY	94LA6400	172	37.5
868	974	GRAYBACK	97AB3315	45	37.4
869	122	MUNDAY	97AB6715	249	37.4
870	913	UVALDE	94LA550	719	37.3
871	686	MCCOLL ROAD	94SB4780	1,958	37.3
872	764	WESLACO UNIT	94SB9805	2,182	37.3
873	707	STAMFORD	97AB4565	790	37.2
874	1049	PADUCAH CITY	97AB1935	278	37.1
875	1002	DEL MAR	94LA10	1,859	37.0
876	777	CHILLICOTHE	97AB4530	496	36.5
877	84	ALBANY	97AB3540	623	36.2
878	833	WEST HARLINGEN	94SB4870	1,061	36.2
879	77	POLK AVENUE	94SB4520	937	36.0
880	253	OLMITO	94SB4275	792	35.9
881	798	WYLIE	97AB2665	1,049	35.8
882	409	NORTH EDINBURG	94SB4240	2,997	35.6
883	966	UNIVERSITY	94LA465	874	35.5
884	1169	ALPINE 12KV	97SA6820	771	35.4
885	181	KEMPER EXXON HUMBLE	97SA72103	28	35.0
886	1079	FRIO	94LA1815	1,064	35.0
887	852	AB CANYON ROCK	97AB5035	978	34.7
888	787	HEIGHTS	94LA2100	1,948	34.6
889	576	EL GATO	94SB910	2,476	34.4
890	432	EAST HARRISON	94SB4620	773	34.2
891	723	ARANSAS PASS	94CS8280	590	34.0
892	671	SA SOUTH	97SA4255	871	33.8
893	588	PORT ARANSAS	94CS3030	739	33.7
894	888	COTULLA	94LA90	1,069	33.7
895	925	MESQUITE	94SB3360	774	33.6

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
896	352	GARCENO	94SB5490	1,405	33.4
897	721	GATEWAY	94LA3595	1,475	33.3
898	462	LOS FRESNOS	94SB7270	2,235	33.1
899	906	ROBERT LEE	97SA4125	264	32.8
900	800	SANTO NINO	94LA80	1,897	32.8
901	1018	SIERRA VISTA	94LA9900	2,152	32.7
902	904	VERNON CITY PLANT	97AB5775	812	32.7
903	816	CARRIZO SPRINGS	94LA860	32	32.7
904	761	AB ELM CREEK	97AB5045	377	31.8
905	1012	AB ELM CREEK	97AB4780	534	31.7
906	981	LAS CRUSES	94LA7325	2,715	31.6
907	479	AIRLINE	94CS8370	282	31.6
908	841	ROCKPORT	94CS5940	49	31.6
909	82	WEST MCALLEN	94SB4965	925	31.5
910	395	KENEDY	94CN6270	543	31.3
911	1004	SA EMERSON ST	97SA4620	430	31.2
912	783	SOUTH MISSION	94SB3620	2,041	31.1
913	709	AB MCMURRY	97AB4355	999	30.8
914	293	SA GRAPE CREEK	97SA4700	722	30.7
915	915	LEARY LANE	94CN6005	1,377	30.6
916	144	SEAWALL	94CS9450	269	30.5
917	793	STADIUM	94LA7810	1,591	30.3
918	261	TURKEY	97AB3825	389	30.3
919	543	HAINE DRIVE	94SB8065	1,362	30.2
920	832	JOURDANTON	94LA880	961	29.9
921	937	AB OVER STREET 12KV	97AB1645	793	29.8
922	578	SAN YGNACIO	94LA16060	491	29.7
923	351	WESLACO UNIT	94SB5970	2,472	29.6
924	548	EAST HARRISON	94SB4360	1,737	29.4
925	792	SA AVENUE N	97SA1730	817	29.1
926	334	MAGRUDER	94CN245	1,238	29.1
927	1112	AB MCMURRY	97AB3235	790	29.1
928	307	ARCADIA	94CS1400	437	29.0
929	1062	SA SOUTHLAND HILLS	97SA5050	888	28.9
930	1136	AB HARTFORD ST	97AB3690	169	28.8
931	586	HALL ACRES ROAD	94SB8870	2,410	28.5
932	528	VICTORIA POWER PLANT	94CN1390	1,075	28.4
933	814	UNIVERSITY	94LA950	2,130	28.3
934	11	WOODSON OIL FIELD	97AB30	35	28.3
935	402	ROCKPORT	94CS5950	524	28.1
936	367	WEAVER ROAD	94CN1900	59	28.1
937	1072	SANTO NINO	94LA70	1,669	27.8
938	1096	SA WALNUT ST	97SA3920	907	27.8
939	68	LA GRULLA	94SB6150	1,556	27.2
940	1061	QUANAH	97AB3530	340	27.2
941	957	AB MCMURRY	97AB4350	704	27.0
942	497	LEARY LANE	94CN6175	2,509	27.0
943	1037	BALLINGER	97SA4375	1,046	26.9
944	677	AILEEN	97AB4600	251	26.8
945	478	RUNGE	94CN3250	256	26.7

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
946	768	PALMVIEW	94SB6790	2,240	26.6
947	368	DEL RIO CITY	94LA430	2,022	26.4
948	347	LAREDO PLANT	94LA8705	207	26.4
949	733	CITRUS CITY	94SB7985	1,135	26.0
950	932	SIERRA VISTA	94LA3540	969	25.6
951	150	LAREDO PLANT	94LA8565	1,714	25.5
952	831	ANSON 12KV	97AB6635	379	25.4
953	545	NORTH VICTORIA	94CN7860	1,501	25.3
954	539	NEW BLUFFS	97SA9110	603	25.0
955	283	DEVINE	94LA7100	1,113	25.0
956	1023	ANNA STREET	94LA780	470	25.0
957	629	BRONTE	97SA3590	176	24.7
958	706	SHARYLAND	94SB2035	771	24.4
959	1089	SILVER	97SA4295	14	24.4
960	319	WEST MCALLEN	94SB6385	239	24.2
961	626	CEDAR GAP (TEC)	97AB4115	529	24.2
962	850	TANKERSLY (CVEC)	97SA5265	371	24.1
963	1051	CHILDRESS 69	97AB1800	540	23.7
964	755	AB OVER STREET 12KV	97AB1840	888	23.6
965	461	BROOKHOLLOW	94CN8960	597	23.6
966	751	RULE	97AB3378	103	23.6
967	1081	ESCONDIDO	94LA1510	730	23.6
968	1123	PAULANN	97SA6285	72	23.4
969	1027	ANSON 12KV	97AB6630	708	23.3
970	747	MARFA	97SA1900	772	23.3
971	504	DIMMIT	94LA5545	563	23.0
972	#N/A	CARANCAHUA	94CN1875	433	23.0
973	288	STAMFORD	97AB2815	713	22.9
974	484	HARLINGEN SWITCH	94SB5350	930	22.8
975	1077	HAMLIN	97AB3775	254	22.8
976	493	AB MAPLE ST	97AB5750	404	22.7
977	257	FULTON	94CS3070	1,432	22.7
978	633	SAND ROAD	97AB5655	609	22.6
979	933	LEARY LANE	94CN1540	794	22.5
980	1034	BROOKHOLLOW	94CN7580	502	22.3
981	991	SUNCHASE	94SB1155	1,458	22.1
982	1020	ABILENE PLANT	97AB1910	251	22.0
983	759	INGLESIDE CITY	94CS8060	2,236	21.7
984	1160	BRONTE	97SA4160	212	21.7
985	1128	AB VOGEL ST	97AB4650	807	21.7
986	487	HASKELL 12KV	97AB5240	650	21.4
987	636	WASHINGTON STREET	94LA2470	443	21.3
988	1145	SA SOUTH	97SA2595	1,016	21.2
989	466	TWILIGHT TRAIL	97AB5855	1,449	21.2
990	1099	DEL RIO CITY	94LA9790	2,303	21.1
991	231	WEST MCALLEN	94SB4595	1,184	21.0
992	1153	NEW BLUFFS	97SA7280	1,546	20.9
993	976	WASHINGTON STREET	94LA2360	210	20.9
994	#N/A	VALADEZ	94CS8800	1,750	20.8
995	219	NORTH MCCAMEY	97SA6555	510	20.6

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
996	825	AFTON	97AB2225	52	20.3
997	43	SEAWALL	94CS9420	754	20.2
998	1013	SOUTH MISSION	94SB4650	1,023	20.2
999	236	HAWLEY	97AB4455	625	19.8
1000	606	KENEDY S.S.	94CN8340	323	19.7
1001	757	FULTON	94CS2020	1,701	19.7
1002	1090	AB EAST 12KV	97AB4830	603	19.7
1003	928	BEEVILLE	94CN490	957	19.6
1004	388	HARLINGEN	94SB660	1,945	19.6
1005	490	NORTH PADRE ISLAND	94CS1010	2,185	19.6
1006	698	AB WALNUT ST	97AB3110	669	19.4
1007	575	SPUR	97AB300	209	19.2
1008	303	PORT LAVACA	94CN2490	1,049	19.0
1009	110	ROTAN	97AB1865	184	18.9
1010	891	QUANAH	97AB3100	552	18.9
1011	238	MILO	94LA5020	106	18.5
1012	555	WESLACO UNIT	94SB8610	1,160	18.5
1013	1060	AB ELM CREEK	97AB1815	372	18.4
1014	1183	CHASE FIELD	94CN460	18	18.1
1015	979	FREER	94LA5200	1,023	18.1
1016	398	SAND ROAD	97AB5295	542	17.9
1017	310	TURKEY	97AB2980	316	17.9
1018	542	ARANSAS PASS	94CS8270	391	17.9
1019	384	VERNON	97AB1750	244	17.5
1020	419	PALMVIEW	94SB9680	1,020	17.4
1021	1085	AB ELMDALE	97AB4085	42	17.3
1022	745	IRAAN	97SA2050	189	17.3
1023	717	CROWELL	97AB3490	176	17.1
1024	789	SIERRA VISTA	94LA7170	1,437	17.1
1025	115	UNIVERSITY	94LA305	2,112	17.1
1026	609	SAND ROAD	97AB5290	810	16.8
1027	1056	RAYMONDVILLE #2	94SB4160	340	16.8
1028	1088	SA LAKE DR	97SA5880	794	16.7
1029	1025	GIRARD	97AB6260	44	16.5
1030	535	SPUR	97AB260	157	16.4
1031	695	ESCONDIDO	94LA5730	1,222	16.4
1032	1170	JOSLIN POWER PLANT	94CN7915	11	16.4
1033	753	WESLACO UNIT	94SB8195	1,650	16.2
1034	668	STAMFORD PUMP	97AB3930	43	16.2
1035	503	HASKELL 12KV	97AB3495	816	16.1
1036	1186	TALPA ATLANTIC	97SA5180	67	16.0
1037	839	SA LAKE DR	97SA5865	1,041	16.0
1038	1164	PAINT ROCK	97SA5235	129	15.8
1039	650	AB SHELTON ST	97AB3145	1,081	15.7
1040	1087	MILO	94LA3070	1,875	15.6
1041	1054	SA WALNUT ST	97SA4635	1,552	15.4
1042	989	TWILIGHT TRAIL	97AB3150	720	15.4
1043	499	SA NORTH	97SA3115	563	15.3
1044	172	EDEN	97SA3195	520	15.3
1045	946	UNIVERSITY	94LA920	731	15.3

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1046	1172	AB OIL MILL	97AB3895	136	15.2
1047	962	JOSLIN POWER PLANT	94CN8720	19	15.2
1048	1189	ESPY WELLS	97SA50207	29	15.1
1049	51	MILO	94LA3065	19	15.0
1050	847	EDITH HUMBLE	97SA6170	85	14.8
1051	1076	PORTLAND	94CS9370	2,078	14.4
1052	912	HEIGHTS	94LA2390	1,702	14.3
1053	769	INGLESIDE CITY	94CS2495	261	14.1
1054	797	SA EMERSON ST	97SA4860	233	14.0
1055	46	HALL ACRES ROAD	94SB3670	1,118	13.9
1056	999	HEIGHTS	94LA9080	687	13.8
1057	#N/A	JOURDANTON	94LA8725	40	13.8
1058	1065	TYNAN	94CS4010	41	13.6
1059	336	SKIDMORE	94CS600	355	13.4
1060	316	MELVIN	97SA4955	90	13.4
1061	1182	RANKIN	97SA6405	377	13.1
1062	1147	VERNON	97AB5000	242	13.0
1063	1126	AB MAPLE ST	97AB4070	1,043	12.9
1064	1066	CASA BLANCA	94CS5440	137	12.9
1065	179	ALBANY	97AB3655	627	12.8
1066	1157	SKIDMORE	94CS380	153	12.8
1067	669	EAST HARRISON	94SB4310	1,197	12.7
1068	1095	SA JACKSON ST	97SA4690	1,128	12.4
1069	945	WEST MCALLEN	94SB4505	1,898	12.4
1070	338	ROBY	97AB3795	72	12.4
1071	914	PAULANN	97SA6280	418	12.3
1072	518	STERLING CITY	97SA1445	899	12.2
1073	1070	HAMLIN	97AB3270	877	12.1
1074	240	AFTON	97AB2355	45	12.0
1075	544	SA SOUTH	97SA4795	1,296	11.9
1076	627	SA COKE ST	97SA3905	650	11.9
1077	732	CROCKETT HEIGHTS	97SA73703	82	11.7
1078	890	BALLINGER	97SA4395	534	11.6
1079	897	SINTON	94CS1750	505	11.4
1080	426	PORTLAND	94CS9270	1,646	11.4
1081	683	POLK AVENUE	94SB4170	1,453	11.2
1082	938	HEIGHTS	94LA6820	1,893	11.1
1083	940	ESCONDIDO	94LA3350	464	11.0
1084	1113	SA JACKSON ST	97SA4685	1,434	10.8
1085	1083	AFTON	97AB2310	239	10.8
1086	952	SA JACKSON ST	97SA4260	664	10.7
1087	954	AB SHELTON ST	97AB4640	655	10.6
1088	1082	SA JACKSON ST	97SA4695	563	10.5
1089	1041	SANTO NINO	94LA695	1,590	10.3
1090	428	HAINE DRIVE	94SB3490	1,160	10.3
1091	1151	AB REBECCA LANE	97AB5550	723	10.3
1092	592	RUSSEK STREET	97SA7705	1,342	10.1
1093	1105	PORT LAVACA	94CN6850	682	10.1
1094	887	AILEEN	97AB4605	773	9.7
1095	703	HOMEPORT	94CS4665	429	9.7

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1096	986	ZACATE CREEK	94LA2675	1,212	9.7
1097	1131	AB REBECCA LANE	97AB6915	998	9.6
1098	827	SONORA 138 SUB	97SA4805	457	9.4
1099	1068	NORDHEIM	94CN3380	168	9.4
1100	746	KENEDY S.S.	94CN6750	63	9.3
1101	773	WYLIE	97AB6340	745	9.3
1102	201	BEEVILLE	94CN2380	218	9.0
1103	1143	KENEDY	94CN1960	70	8.7
1104	214	OZONA	97SA3555	165	8.6
1105	225	NORTH MCALLEN	94SB5055	3,261	8.6
1106	1047	WOOLRIDGE	94CS1110	1,730	8.3
1107	174	BRADY	97SA5015	197	8.2
1108	959	SA JACKSON ST	97SA4265	800	8.2
1109	1134	KNIPPA	94LA6535	23	8.0
1110	1144	SA WALNUT ST	97SA3915	782	8.0
1111	772	SA AVENUE N	97SA1695	1,489	7.8
1112	1106	AIRLINE	94CS5870	911	7.5
1113	1019	HEIGHTS	94LA9400	1,396	7.4
1114	1031	BALLINGER	97SA4370	835	7.4
1115	162	ARANSAS PASS	94CS9130	361	7.4
1116	758	GREGORY	94CS2420	860	7.3
1117	630	ALICE	94LA1780	244	7.3
1118	500	SHARYLAND	94SB2010	1,163	7.2
1119	926	MUNDAY	97AB3365	397	7.2
1120	416	EAST HARRISON	94SB3000	533	7.1
1121	1137	SA SOUTH	97SA3500	289	6.9
1122	1080	PAULANN	97SA6310	1,076	6.8
1123	921	CHILDRESS 69	97AB2800	341	6.8
1124	1116	SA MATHIS FIELD	97SA5100	244	6.7
1125	682	EDEN	97SA1780	235	6.6
1126	536	KARNES CITY	94CN2340	793	6.4
1127	840	MILO	94LA8365	1,868	6.4
1128	1000	VICTORIA POWER PLANT	94CN8070	604	6.3
1129	735	AB COUNTRY CLUB	97AB4730	535	6.2
1130	910	CROWELL	97AB3980	490	6.1
1131	1199	LAS CRUSES	94LA8530	112	5.9
1132	955	MAYBERRY	94SB3010	91	5.9
1133	456	AIRLINE	94CS8890	526	5.9
1134	858	NORTH VICTORIA	94CN1470	474	5.8
1135	791	ROUNDTOP	97AB4490	53	5.7
1136	1156	RUSSEK STREET	97SA12295	306	5.6
1137	1030	BRONTE	97SA3560	253	5.2
1138	424	AB COUNTRY CLUB	97AB4725	222	5.2
1139	1130	PAINT ROCK	97SA1110	66	5.0
1140	895	HALL ACRES ROAD	94SB9595	1,507	5.0
1141	570	VERNON	97AB1520	713	5.0
1142	1184	IRAAN	97SA4305	76	4.7
1143	1026	PADUCAH CITY	97AB1930	575	4.6
1144	1149	UNIVERSITY	94LA930	94	4.6
1145	960	SOUTH MISSION	94SB3940	843	4.6

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1146	346	WESLACO UNIT	94SB2195	1,088	4.4
1147	997	SOUTH PADRE ISLAND	94SB4675	169	4.4
1148	1193	MAYBERRY	94SB6450	28	4.3
1149	207	AIRLINE	94CS7270	1,037	4.3
1150	243	ANNA STREET	94LA5780	653	4.2
1151	311	AB ONYX REA	97AB3255	30	4.2
1152	#N/A	WASHINGTON STREET	94LA6890	21	4.2
1153	877	ROBERT LEE	97SA4120	561	4.0
1154	529	NORDHEIM	94CN4275	82	3.9
1155	843	AB COUNTRY CLUB	97AB4735	119	3.8
1156	901	ABILENE PLANT	97AB1575	606	3.8
1157	1120	VALERA HUMBLE	97SA7015	74	3.7
1158	1166	ROBY	97AB2276	317	3.7
1159	1180	HIGHLAND	97SA6375	280	3.7
1160	222	AB WALNUT ST	97AB3445	59	3.7
1161	1167	SA JACKSON ST	97SA4250	340	3.4
1162	1173	SA CONCHO	97SA1700	489	3.3
1163	584	BARNHART	97SA3725	144	3.2
1164	28	MUSTANG ISLAND	94CS8510	466	3.1
1165	1138	SIERRA VISTA	94LA8205	1,010	2.9
1166	702	SA SOUTHLAND HILLS	97SA5455	1,413	2.7
1167	1165	MATADOR	97AB3030	210	2.7
1168	#N/A	MORRIS STREET	94CSBLACK	90	2.6
1169	615	HIGHLAND	97SA6380	479	2.6
1170	1192	SA COKE ST	97SA4915	17	2.5
1171	1014	COLLEGE HILLS	97SA5520	435	2.4
1172	1185	BARNHART	97SA590	20	2.2
1173	1175	AB HARTFORD ST	97AB3685	367	1.9
1174	922	COLLEGE HILLS	97SA6145	714	1.9
1175	353	SOUTHSIDE	94CS5345	396	1.8
1176	1127	BENJAMIN (BEPC)	97AB5680	158	1.7
1177	550	SOUTH MCALLEN	94SB3640	303	1.6
1178	1118	SA SOUTH	97SA3990	738	1.5
1179	1141	AB REBECCA LANE	97AB2710	265	1.5
1180	1179	SA AVENUE N	97SA1975	325	1.4
1181	460	MILO	94LA3060	129	1.4
1182	1075	SA AVENUE N	97SA1655	503	1.3
1183	978	COLLEGE HILLS	97SA4840	214	1.3
1184	673	SA EMERSON ST	97SA4625	429	1.2
1185	1191	MAYBERRY	94SB5340	34	1.2
1186	442	COTULLA	94LA110	58	1.2
1187	278	FLOMOT	97AB1852	74	1.1
1188	1146	SA CONCHO	97SA3325	290	1.1
1189	1121	ESCONDIDO	94LA3775	172	0.9
1190	1181	COLLEGE HILLS	97SA5515	349	0.7
1191	1188	NEW BLUFFS	97SA3005	266	0.6
1192	298	MCCOLL ROAD	94SB4910	337	0.5
1193	1168	VERNON CITY PLANT	97AB5770	93	0.5
1194	1053	AB EAST 12KV	97AB4825	426	0.2
1195	1109	AB REBECCA LANE	97AB5555	1,277	0.2

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1196	#N/A	TAYLOR	94SBSH112	636	0.2
1197	1119	RANKIN	97SA6400	72	0.2
1198	#N/A	VALADEZ	94CS2500	941	0.0
1199	1161	KENEDY S.S.	94CN8320	142	0.0
1200	#N/A	MORRIS STREET	94CSBROWN	63	0.0
1201	1174	CLARKWOOD	94CS2170	576	0.0
1202	1197	MORRIS STREET	94CSNET CC	317	0.0
1203	#N/A		94LA2120	1,273	0.0
1204	#N/A	WASHINGTON STREET	94LA2330	69	0.0
1205	#N/A	MORRIS STREET	94CSGREEN	233	0.0
1206	1196	WASHINGTON STREET	94LANETLAR	163	0.0
1207	#N/A	WASHINGTON STREET	94LA2320	36	0.0
1208	1198	VICTORIA POWER PLANT	94CNNETVIC	88	0.0
1209	#N/A	WASHINGTON STREET	94LA2310	47	0.0
1210	#N/A	READING	94LA1275	57	0.0
1211	#N/A	MORRIS STREET	94CSYELLOW	46	0.0
1212	#N/A	MORRIS STREET	94CSRED	130	0.0
1213	771	FLOMOT	97AB81335	35	0.0
1214	1194	AB CANYON ROCK	97AB5025	52	0.0
1215	#N/A	CHERRY CREEK TAP	97SA485	52	0.0
1216	#N/A	CORINTH	97AB2590	11	0.0
1217	1009	PECAN BAYOU	97AB530	19	0.0
1218	1078.0000	SA CONCHO	97SA1725	25	0
1219	774.0000	AB WALNUT ST	97AB3250	11	0
1220	1195.0000	ABILENE PLANT	97AB1740	18	0

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

2018 Ranking	Substation Identification	Feeder ID	Reason not in 2019
76	ASHERTON	94LA2660	Count is now less than 10
836	ASHERTON	94LA2670	Count is now less than 10
379	CHERRY CREEK TAP	97SA5245	Retired
360	NORTH MCCAMEY	97SA6560	Count is now less than 10
405	DARST	94CN790	Count is now less than 10
1152	SANTA RITA	97SA1135	Count is now less than 10

Service Quality Report to the Public Utility Commission of Texas

AEP Texas Inc.

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2019 Reporting Year

Causes of Forced Interruptions	Percentage
Utility-Owned Equipment	38.28%
Weather (including lightning)	23.95%
Vegetation	17.61%
Unknown	12.46%
Animals and Birds	5.27%
People (including cars and farm eqpt)	2.41%
Other	0.02%

AEP TEXAS INC.

2018 N.O.V., Docket No. 50413,
Addendum to Reporting Year 2019 Service Quality Report

This document is in response to Ordering Paragraph 6 of the Final Order issued in Docket No. 49725, for an update on progress by AEP Texas to bring Notice of Violation feeders into compliance with the Commission's service of quality standards.

Discussion:

AEP Texas Inc. had 10 feeders on the 2018 Worst Performing Feeder (WPF) list. These feeders exceeded 300% of the 2018 system average SAIDI or SAIFI for two years or more. This document is an update on the performance of the 2018 WPFs and includes the 2019 indices, ranking, outage causes, feeder projects and dollars spent. The purpose of this document is to report AEP Texas' efforts to improve the reliability of the listed feeders.

2018 NOV List AEP TEXAS INC.

Indices for Forced Interruptions

With 10 or more Customers

Total Number of Feeders: 1203

2019 Repeat circuits in yellow

2019 System Average SAIFI **1.306**, 300% System Average: **5.224**

2019 System Average SAIDI **146.15**, 300% System Average **584.62**

2019 SAIFI Rank	2018 SAIFI Rank	2017 SAIFI Rank	Substation Identification	Feeder Identification	No. of Cust.	2019 SAIFI Value	2018 SAIFI Value	2017 SAIFI Value	2018 Years on WPF
15	3	11	LAGUNA	94CS9590	3186	6.35	9.187	5.703	2
476	16	2	ELSA	94SB710	1932	1.203	5.709	8.119	2

2019 SAIDI Rank	2018 SAIDI Rank	2017 SAIDI Rank	Substation Identification	Feeder Identification	No. of Cust.	2019 SAIDI Value	2018 SAIDI Value	2017 SAIDI Value	2018 Years on WPF
189	30	46	GOVERNMENT WELLS	94LA7240	223	369.5	645.4	562.9	8
23	3	50	SPUDDER FLAT	97SA4180	47	2,753.6	1,595.0	545.3	5
14	2	48	RAYMONDVILLE #2	94SB3250	26	546.9	1,595.0	550.0	4
429	8	6	SUN VALLEY	97SA4300	69	199.3	905.0	981.1	2
12	12	37	ALAZAN	94CS620	163	1,393.4	829.6	623.0	2
45	27	22	GRETA	94CN7890	265	1,112.1	681.9	760.4	2
412	40	24	CRESTONIO	94LA270	619	137.6	605.7	707.7	2
301	48	9	EAST HARRISON	94SB3950	675	398.0	560.8	931.3	2

AEP Texas Inc.
Corpus Christi South District

Substation: Laguna
Circuit ID: 94CS9590
2018 SAIFI List (1 Year)

Response:

Laguna 94CS9590 was a first time repeater in 2018 on the SAIFI Worst Performing Feeder (WPF) list. In 2019, circuit 94CS9590 had a SAIFI value of 6.35, which was more than the 300% yearly system average SAIFI of 5.224. This feeder will repeat again for the 2019 list. The major cause of customers interrupted on this circuit was breaker outages during a Non-Reclose Order (NRO) where the breaker is put on a sensitive one-shot to lockout setting while crews work on the line. This accounted for 54% of the interruptions. Another 25% of the interruptions in 2019 were due to breaker lockouts while circuit 94CS9590 was tied with circuit 94CS9065 on a mobile transformer for transmission switch replacement. The extra exposure caused breaker locks out during weather and some equipment failures.

To reduce outages three sections of feeder conductor were replaced starting in 2018 finishing in 2020. The second major plan was to implement a distribution automation switching scheme to allow for automatic circuit re-configuration during outages, and for the additional SCADA visibility. The distribution automation (DA) scheme commissioned in 2019, but will not be fully implemented and on-line until the 2nd quarter of 2020. Future projects include additional feeder ties with automation, and additional ties from a new adjacent substation in 2022.

AEP Texas has taken a number of actions in recent years in an effort to improve the service quality of the feeder such that it would not be in repeat violation of the Commission's system-wide service quality standards. A listing of the actions taken are provided in the Remediation & Cost table below, including the amounts spent relative to the actions taken.

Circuit Description:

Laguna 94CS9590 is a 49-mile 12.5 kV suburban circuit in the Flour Bluff area of Corpus Christi in Nueces County. It serves 2,244 meters. It is a mix of residential and small commercial, with some of the load tied to the Barney Davis power plant. The area is coastal with few trees and is between the Laguna Madre and Oso bays. As a result, it is corrosive year-round, leading to rapid equipment degradation. The summer peak load in 2018 was 11.9MVA with winter peak of 15.6MVA.

Circuit Ranking:

Information	2017	2018	2019
Customer Count	2244	2284	3186
SAIFI Rank	11	3	15
SAIFI Value	5.703	9.187	6.35
300% System Avg.	5.08	5.28	5.22
# Circuits @ AEP Texas Inc.	1190	1200	1220
NOAA*	0	0	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

AEP Texas Inc.
Corpus Christi South District

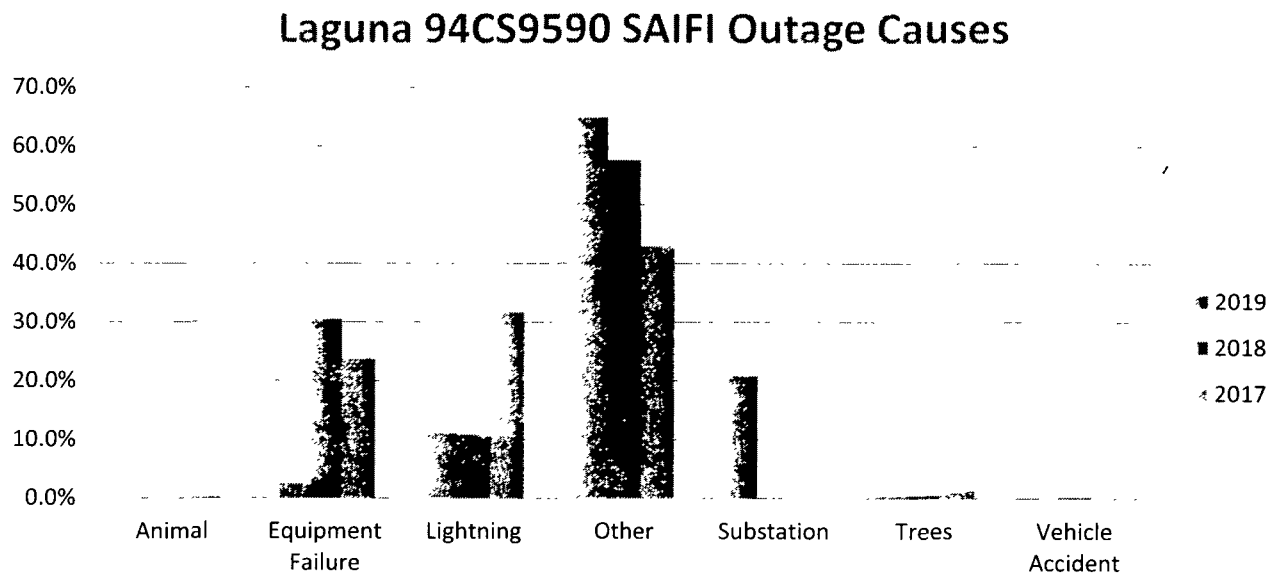
Substation: Laguna
Circuit ID: 94CS9590
2018 SAIFI List (1 Year)

Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2015	2016	2017	2018	2019	Sum
Sectionalizing				\$6,456	\$12,578	\$6,456
Proactive Replacement			\$55,729	\$127,355	\$239,859	\$183,084
Power Quality						\$0
Small Asset Improvement		\$17,533	\$6,969	\$5,756	\$21,079	\$30,258
Crossarm C/O						\$0
Pole Reinforcement						\$0
Pole Replacement		\$6,486	\$3,682	\$3,504	\$21,475	\$13,672
Lightning Mitigation				\$625		\$625
Repair After Patrol	\$7,198					\$7,198
Feeder Ties						\$0
System Hardening / DACR					\$204,049	\$0
Sum	\$7,198	\$24,019	\$66,380	\$143,696	\$499,040	\$241,293

Outage Causes:



AEP Texas Inc.
Rio Grande Valley District

Substation: Elsa
Circuit ID: 94SB710
2018 SAIFI List (1 Year)

Response :

In 2018 circuit Elsa 94SB710 was a first year repeat on the SAIFI Worst Performing Feeder (WPF) list with a value of 5.709 interruptions per year. In 2019, the SAIFI value was 1.203, and the 300% over system average SAIFI was 5.224. This circuit **will not repeat in 2019**. The most interruptions were due to unknown weather category locking open hydraulic reclosers causing 42% of the total interruptions. The second most interruptions came from failed primary conductor, which was 24% of the total.

Remediation focused on feeder tie projects, replacing feeder conductor and making ties capable of transferring load. The next largest effort was pole replacement. The vegetation group spent \$141,367 on tree trimming in 2019. For 2020, a project is scheduled to create a feeder tie on one of the rural radial taps. In 2021, there is a reliability project to install half a mile of large conductor to create a feeder tie with circuit 94SB3520. The Elsa substation is on our distribution automation plan for the year 2023. The substation electronics are to be upgraded and IntelliRupter switches added for circuit re-configuration and load transfers. From 2016 to 2019, AEP Texas has completed many project in an effort to improve the service quality of the feeder to prevent repeat violation of the Commission's system-wide service quality standards. Actions and dollars spent are provided in the Remediation & Cost table below.

Circuit Description:

Elsa 94SB710 is a 159.6 mile long 12.5kV circuit serving the rural area north of Elsa, Texas in Hidalgo County. This includes the rural communities of Evergreen and Hargill. The 2100 customers are rural residential with produce farms, and orchards. The 2018 summer peak load was 8.9MVA with a winter peak of 11.5MVA due to electric heating.

Circuit Ranking:

Information	2017	2018	2019
Customer Count	2039	2100	1932
SAIFI Rank	2	16	16
SAIFI Value	8.119	5.709	1.203
300% System Avg.	5.08	5.28	5.224
# Circuits @ AEP Texas Inc.	1190	1200	1220
NOAA*	0	1	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

AEP Texas Inc.
Rio Grande Valley District

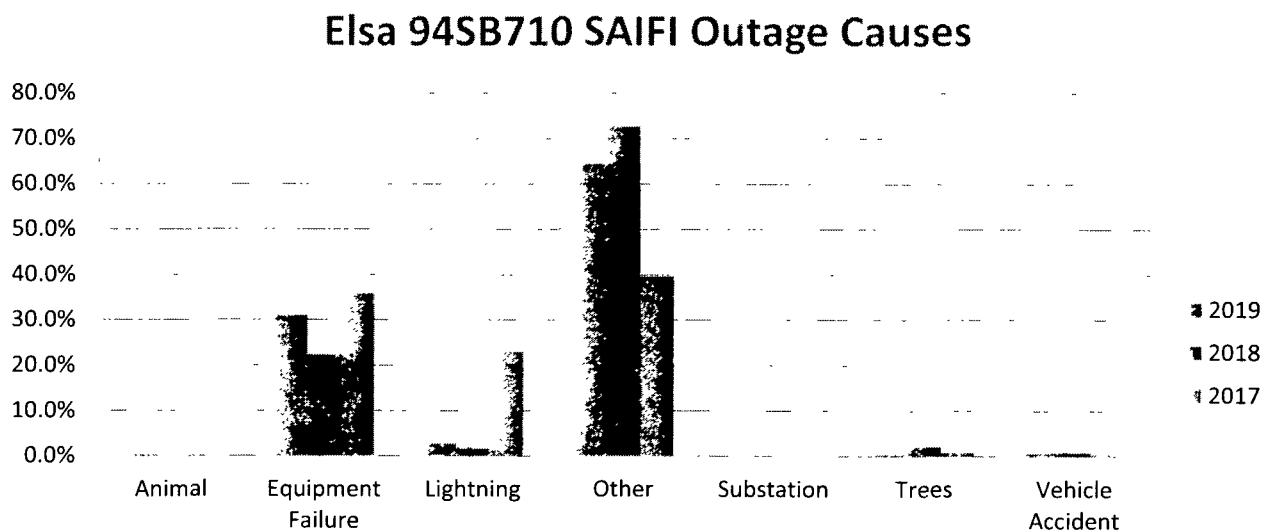
Substation: Elsa
Circuit ID: 94SB710
2018 SAIFI List (1 Year)

Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2015	2016	2017	2018	2019	Sum
Sectionalizing				\$0		\$0
Proactive Replacement	\$11,422		\$9,835	\$581,088	\$15,307	\$617,652
Power Quality	\$4,517	\$2,507		\$92,982	\$26,724	\$126,730
Small Asset Improvement						\$0
Crossarm C/O						\$0
Pole Reinforcement				\$1,921	\$2,143	\$4,064
Pole Replacement	\$37,879	\$101,717	\$216,396	\$246,023	\$72,764	\$674,779
Lightning Mitigation						\$0
Repair After Patrol	\$749	\$608		\$3,445	\$1,250	\$6,052
Feeder Ties				\$0	\$627,051	\$627,051
System Hardening						\$0
Sum	\$54,567	\$104,832	\$226,231	\$925,459	\$745,239	\$2,056,328

Outage Causes:



AEP Texas Inc.
Laredo District

Substation: Government Wells
Circuit ID: 94LA7240
2018 SAIDI List (8 Years)

Response:

In 2018, Government Wells 94LA7240 was on the System Average Interruption Index (SAIDI) Worst Performing Feeder list (WPF) as an eight year repeat. In 2019, circuit 94LA7240 had a SAIDI value of 369.5 minutes while the 300% over system SAIDI average for 2019 was 584.6. This feeder **will not repeat in 2019**.

Our focus for the remediation on this feeder has been to complete circuit patrols and replace facilities in need of repair. These dollars have been spent in system hardening, pole replacement, and sectionalizing. In 2019, sectionalizing was improved by upgrading 4 hydraulic reclosers and installing 6 additional reclosers to reduce outage minutes. Large system hardening jobs were done in 2017 and 2018 to add neutral to the old 12kV system, and replace reject poles. In the feeder patrols, large sections were identified with long spans of old wire, and poles that were full of woodpecker holes. In 2020 there is a reliability project scheduled to re-span and rebuild 20,000 feet of feeder, for a cost of \$500,000. This project will take two years to complete. Moving forward the old sections of this feeder will be evaluated and projects created to shorten span lengths, replace old wire, and add a system neutral.

These are AEP Texas' action plans to improve service quality for feeder 94LA7240 so it will not be in repeat violation of the Commission's system-wide service quality standards. The Remediation & Cost table below lists the yearly dollars spent and project categories for each.

Circuit Description:

Government Wells 94LA7240 is a 153.6 mile long 12.5kV feeder that serves 225 residential and small commercial customers north of Freer, Texas. The peak load in 2018 was 2.7 MVA. This feeder is completely rural and serves portions of LaSalle, McMullen, and Duval Counties. The terrain in this area is generally flat mesquite pasture.

Circuit Ranking:

Information	2011	2012	2013	2014	2015	2016	2017	2018	2019
Customer Count	194	203	211	212	215	214	208	225	194
SAIDI Rank	4	14	2	26	2	8	46	30	115
SAIDI Value	1,131.5	891	1,739.5	664.0	1446.8	1124.7	562.9	645.4	369.5
300% System Avg.	560.8	562	594.8	552.1	651.9	603.8	532.8	547.5	584.6
# Circuits @ AEP Texas Inc. **	723	731	737	748	763	776	1190	1200	1203
NOAA*	0	2	1	1	6	1	2	3	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

** In 2017 Texas Central Company and Texas North Company combined to form AEP Texas Inc. increasing the number of circuits.

AEP Texas Inc.
Laredo District

Substation: Government Wells
Circuit ID: 94LA7240
2018 SAIDI List (8 Years)

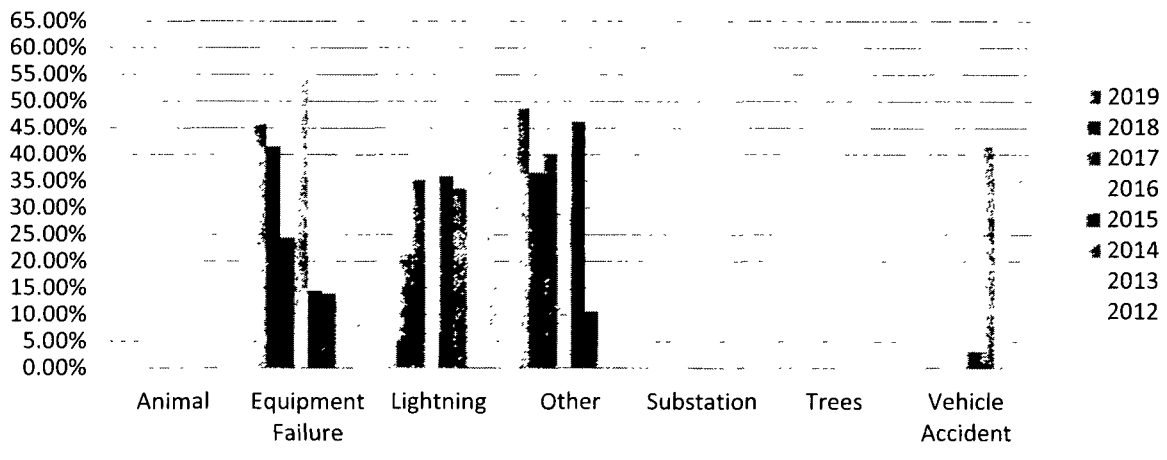
Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2012	2013	2014	2015	2016	2017	2018	2019	Sum
Sectionalizing	\$690	\$24,691	\$2,781				\$88,608	\$85,322	\$202,092
Proactive Replacement	\$13,229	\$25,048	\$94,550	\$31,932	\$63,765	\$51,642	\$223		\$280,389
Power Quality						\$34,599	\$14,612		\$49,211
Small Asset Improvement	\$3,543	\$4,910	\$17,454	\$2,334		\$200		\$2,041	\$30,482
Crossarm C/O	\$4,367	\$159							\$4,526
Pole Reinforcement	\$2,505	\$94							\$2,599
Pole Replacement	\$2,987	\$28,182	\$32,960	\$76,643	\$191,069	\$200,312	\$78,854	\$87,267	\$698,274
Lightning Mitigation	\$2,811			\$3,370					\$6,181
Repair After Patrol		\$6,373	\$4,001						\$10,374
System Hardening			\$27,383	\$38,887		\$88,185	\$245,906		\$400,361
Sum	\$30,132	\$89,457	\$179,129	\$153,166	\$254,834	\$374,938	\$428,203	\$174,630	\$1,684,489

Outage Causes:

Government Wells 94LA7240 SAIDI Outage Causes



AEP Texas Inc.
San Angelo District

Substation: Spudder Flat
Circuit ID: 97SA4180
2018 SAIDI List (5 Years)

Response:

For the reporting year 2018, Spudder Flat 97SA4180 was on the System Average Interruption Duration Index (SAIDI) Worst Performing Feeder (WPF) list as a five year repeat. Spudder Flat 97SA4180 is approximately 2169 minutes over the 300% system average with a SAIDI value of 2754 and ranked at 3 of 1220 feeders on the AEP Texas distribution system. This feeder will repeat for the year 2019.

The chief cause of the feeder outages on Spudder Flat 97SA4180 is lightning associated with stormy weather. The largest factor in long duration outages is the inaccessibility of the main feeder due to flooding and thick brush. There were three weather caused outages during the spring of 2019 that accounted for 2310 minutes of the 2019 SAIDI. Each outage began in the late afternoon or at night. One of the events was accompanied by flooding that prevented patrolling and restoration efforts until the following day. The other two events required nighttime patrolling in very brushy areas.

In order to provide access to the main feeder, AEP-Texas has continued to clear rights of way through the brush. The expenditures for clearing these rights of way are: \$8,183 in 2016, \$14,719 in 2018, and \$141,762 in 2019. Because this Vegetation Management work is 100% O&M these expenditures are not included in the Remediation & Cost table below.

To help alleviate the problem of inaccessibility due to flooding, AEP-Texas has scoped projects to automate both Spudder Flat circuits and to relocate much of the both main feeders to locations that are not prone to flooding. These projects have been prioritized and placed in the San Angelo district work plan along with the other reliability projects. These are AEP Texas' plans to improve service quality so that it will not be in repeat violation of the Commission's system-wide service quality standards. The Remediation & Cost table below shows project categories and yearly dollars spent on each.

Circuit Description:

Spudder Flat 97SA4180 is a 33.5 mile long 12.5kV overhead circuit serving 47 customers in the rural area northwest of McCamey in Crane County, Texas. The peak load in 2018 was 240 kVA. Most of the customers served by this line are oil field with the remainder being ranch and residential. The terrain in this area is generally flat mesquite and sage covered ranch land with many oil field roads.

Circuit Ranking:

Information	2014	2015	2016	2017	2018	2019
Customer Count	55	50	46	44	45	49
SAIDI Rank	8	10	9	50	3	3
SAIDI Value	484.9	1015.2	805.1	545.3	1595	2753.6
300% System Avg.	235.1	338.8	326.4	532.8	547.5	584.6
# Circuits @ AEP Texas Inc.**	399	404	404	1190	1200	1203
NOAA*	0	1	0	1	0	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

** In 2017 Texas Central Company and Texas North Company combined to form AEP Texas Inc. increasing the number of circuits.

AEP Texas Inc.
San Angelo District

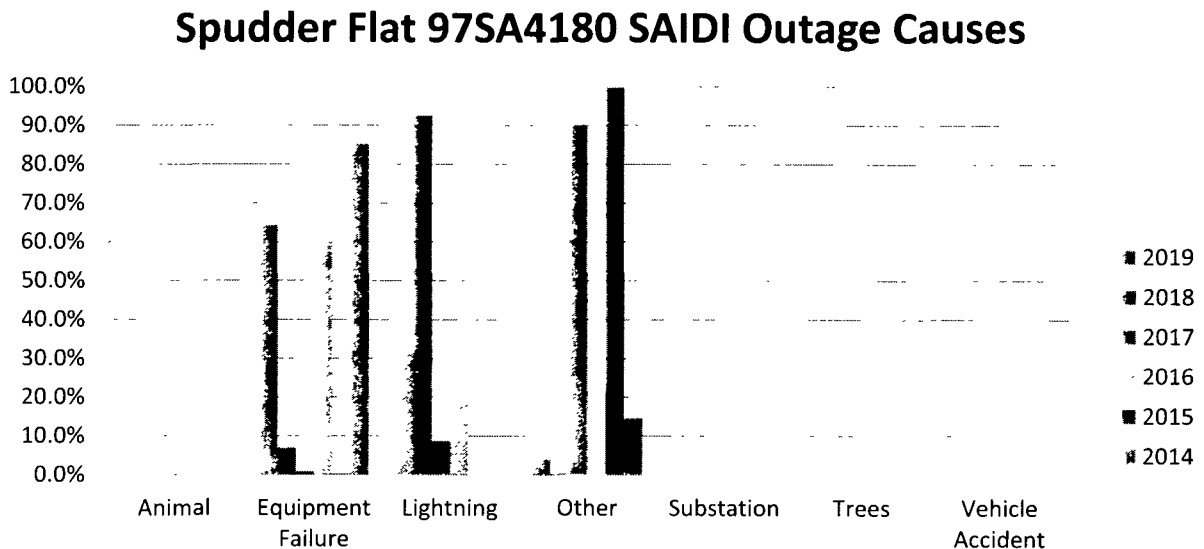
Substation: Spudder Flat
Circuit ID: 97SA4180
2018 SAIDI List (5 Years)

Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2015	2016	2017	2018	2019	Sum
Sectionalizing		\$17,789				\$17,789
Proactive Replacement		\$432	\$2,075		\$4,819	\$7,326
Power Quality						\$0
Small Asset Improvement						\$0
Crossarm C/O						\$0
Pole Reinforcement						\$0
Pole Replacement		\$956	\$1,753	\$3,197	\$731	\$6,637
Lightning Mitigation						\$0
Repair After Patrol						\$0
System Hardening						\$0
Sum		\$19,177	\$3,828	\$3,197	\$5,550	\$31,752

Outage Causes:



AEP Texas Inc.
Rio Grande Valley District

Substation: Raymondville #2
Circuit ID: 94SB3250
2018 SAIDI List (4 Years)

Response:

In 2018, Raymondville #2 94SB3250 was on the SAIDI Worst Performing Feeder list as a 4 year repeat. In 2019, the circuit had a SAIDI value of 546.9 minutes. The 2019 300% over system average SAIDI value was 584.627 minutes, so circuit 94SB3250 **will not be a repeat for 2019.**

The major cause of outage minutes in 2019 was scheduled substation work. 42% of the outage minutes in 2019 were due to two scheduled outages, one for switching and one for breaker replacement. Two major projects started in 2019 for circuit 94SB3250. First, was the replacement of the 25kV step up transformer in the substation, and second was the replacement of the 12kV circuit breaker and associated work for our distribution automation implementation project. In 2020, our automation project will be complete allowing for automatic circuit re-configuration, SCADA monitoring, and remote operation.

AEP Texas has taken a number of actions in recent years in an effort to improve the service quality of the feeder so it will not be in repeat violation of the Commission's system-wide service quality standards. A listing of the actions taken are provided in the Remediation & Cost table below, including the amounts spent relative to the actions taken.

Circuit Ranking:

Information	2015	2016	2017	2018	2019
Customer Count	41	30	29	28	27
SAIDI Rank	10	6	48	2	79
SAIDI Value	1139.8	1225.8	550	1595	546.9
300% System Avg.	651.9	603.8	532.8	547.5	584.6
# Circuits @ AEP Texas Inc.**	763	776	1190	1200	1203
NOAA*	1	0	1	0	0

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

** In 2017 Texas Central Company and Texas North Company combined to form AEP Texas Inc. increasing the number of circuits.

AEP Texas Inc.
Rio Grande Valley District

Substation: Raymondville #2
Circuit ID: 94SB3250
2018 SAIDI List (4 Years)

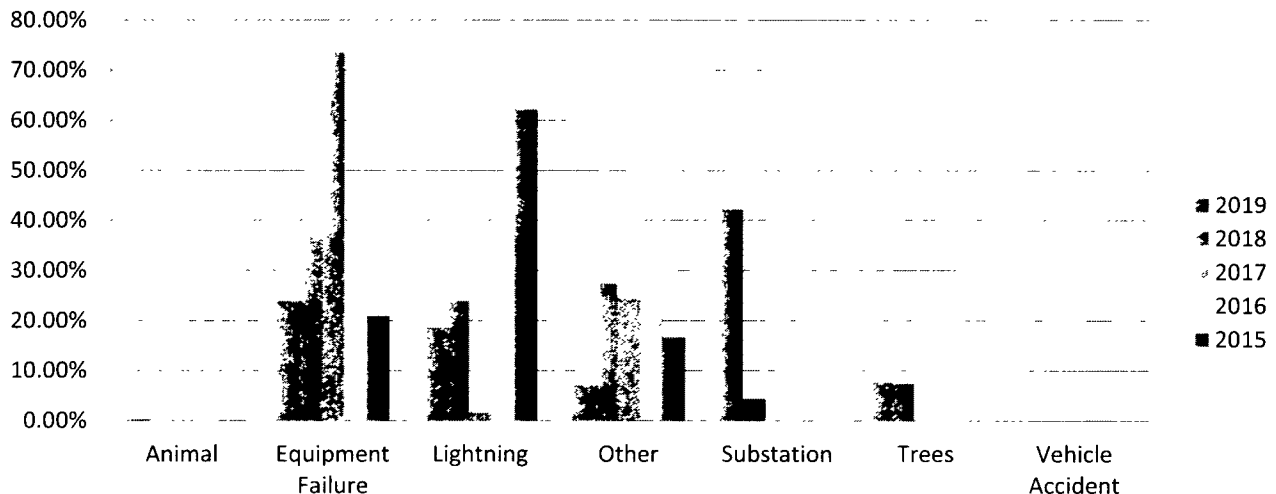
Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2012	2013	2014	2015	2016	2017	2018	2019	Sum
Sectionalizing							\$12,307		\$12,307
Proactive Replace	\$25,957			\$11,087	\$40,749	\$12,552	\$25,659	\$10,959	\$126,963
Power Quality									\$0
Small Asset Improvement	\$11,169			\$5,848	\$11,907	\$3,639		\$800	\$33,363
Crossarm C/O									\$0
Pole Reinforcement									\$0
Pole Replacement	\$7,663			\$11,896	\$22,742	\$65,430		\$4,346	\$112,077
Lightning Mitigation									\$0
Repair After Patrol			\$7,147	\$35,743			\$9,761		\$52,651
Feeder Ties				\$3,285	\$71,648				\$74,933
System Hardening								\$131,983	\$131,983
Sum	\$44,789		\$7,147	\$67,859	\$147,046	\$81,621	\$47,727	\$148,088	\$544,277

Outage Causes:

Raymondville #2 94SB3250 SAIDI Outage Causes



AEP Texas Inc.
San Angelo District

Substation: Sun Valley
Circuit ID: 97SA4300
2018 SAIDI List (1 Year)

Response:

For the reporting year 2018, Sun Valley 97SA4300 was on the System Average Interruption Duration Index (SAIDI) Worst Performing Feeder (WPF) list as a two year repeat. As reported in the electric quality service report for 2019, Sun Valley 97SA4300 is approximately 394 minutes under the 300% system average with a SAIDI value of 199.3 and ranked at 308 of 1220 feeders on the AEP Texas distribution system. This feeder **will not be on the repeating feeder list** for reporting year 2019.

There were no distribution caused outages that affected the entire circuit on Sun Valley 97SA4300 in 2019. All of the outages were limited to 14 or fewer customers due to proper operation of downstream protective devices. The cause of the majority of these limited outages was lightning associated with thunderstorms.

AEP Texas has taken a number of actions in recent years in an effort to improve the service quality of the feeder such that it would not be in repeat violation of the Commission's system-wide service quality standards. A listing of the actions taken are provided in the Remediation & Cost table below, including the amounts spent relative to the actions taken. No specific system upgrades are planned at this time for Sun Valley 97SA4300 but it is included in the periodic circuit inspection and repair and the pole inspection and replacement programs.

Circuit Description:

Sun Valley 97SA4300 is a 41 mile long 12.5kV overhead circuit serving 64 customers in the rural area west of McCamey in Pecos County, Texas. The peak load in 2018 was 280 kVA. Most of the load served by this line is oil field with the remainder being ranch and residential. The terrain in this area is generally flat mesquite and sage covered ranch land with many oil field roads.

Circuit Ranking:

Information	2017	2018	2018
Customer Count	62	64	69
SAIDI Rank	6	8	308
SAIDI Value	981.1	905	199.3
300% System Avg.	532.8	547.5	584.6
# Circuits @ AEP Texas Inc.	1190	1200	1220
NOAA*	3	2	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

AEP Texas Inc.
San Angelo District

Substation: Sun Valley
Circuit ID: 97SA4300
2018 SAIDI List (1 Year)

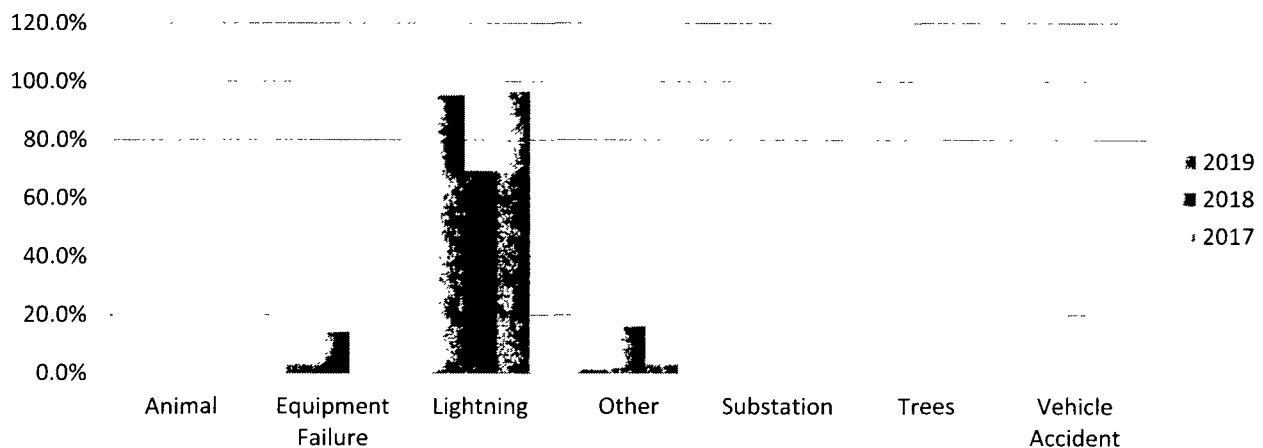
Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2015	2016	2017	2018	2019	Sum
Sectionalizing						\$0
Proactive Replacement			\$22,485			\$22,485
Power Quality						\$0
Small Asset Improvement						\$0
Crossarm C/O						\$0
Pole Reinforcement						\$0
Pole Replacement	\$1,673	\$17,691	\$23,157			\$42,521
Lightning Mitigation						\$0
Repair After Patrol		\$3,539				\$3,539
System Hardening						\$0
Sum	\$1,673	\$21,230	\$45,642	\$0	\$0	\$68,545

Outage Causes:

Sun Valley 97SA4300 SAIDI Outage Causes



AEP Texas Inc.
Corpus Christi South District

Substation: Alazan
Circuit ID: 94CS620
2018 SAIDI List (1 Year)

Response:

Alazan 94CS620 was a first time repeater for SAIDI in 2018. In 2019, the circuit had a yearly SAIDI value of 1393 minutes. The 2019 300% over system average SAIDI was 584.6, so this feeder will repeat for the second time in 2019 on the Worst Performing Feeder (WPF) list. The major causes for customer minutes out were lightning locking out the feeder breaker and weather unknown causing breaker outages. These two accounted for 61% of the total outage minutes. The next highest cause was a vehicle accident accounting for 22% of the minutes out. In 2018, the major cause was equipment failure for 45% of the outage minutes.

The circuit was inspected for tree encroachment in 2019 and trimming was done to prevent some of the unknown weather outages. A circuit inspection in 2018 led to \$11,334 spent on repairs in 2019. Wire replacement jobs were done in 2019 for a spend of \$27,800. Pole replacements were very active totaling \$68,459. Three future primary wire replacement projects totaling \$1.3 million are proposed for circuit 94CS620 to mitigate the corrosive problems on the long rural lines. These projects are presently being evaluated in our project value ranking tool for construction in 2021. These are AEP Texas' plans to improve service quality so that it will not be in repeat violation of the Commission's system-wide service quality standards. The Remediation & Cost table below shows project categories and yearly dollars spent on each.

Circuit Description:

Alazan 94CS620 is a 62-mile 12.5 kV rural circuit between the City of Corpus Christi and the King Ranch in Nueces County. It serves 173 meters, mostly residential and agricultural with a small amount of light industrial. A majority of the landscape is agricultural, and the overhead lines are mostly built in the road right-of-way. Due to the lack of trees and other wind blocks in many parts of the circuit, it is susceptible to straight-line wind damage. It is made up mostly of smaller-gauge wire with a tendency to degrade in the salt-air environment. The peak load in 2018 was 1.23MVA.

Circuit Ranking:

Information	2017	2018	2019
Customer Count	173	167	163
SAIDI Rank	37	12	12
SAIDI Value	623	829.6	1393.4
300% System Avg.	532.8	547.5	584.62
# Circuits @ AEP Texas Inc.	1190	1200	1220
NOAA*	4	2	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

AEP Texas Inc.
Corpus Christi South District

Substation: Alazan
Circuit ID: 94CS620
2018 SAIDI List (1 Year)

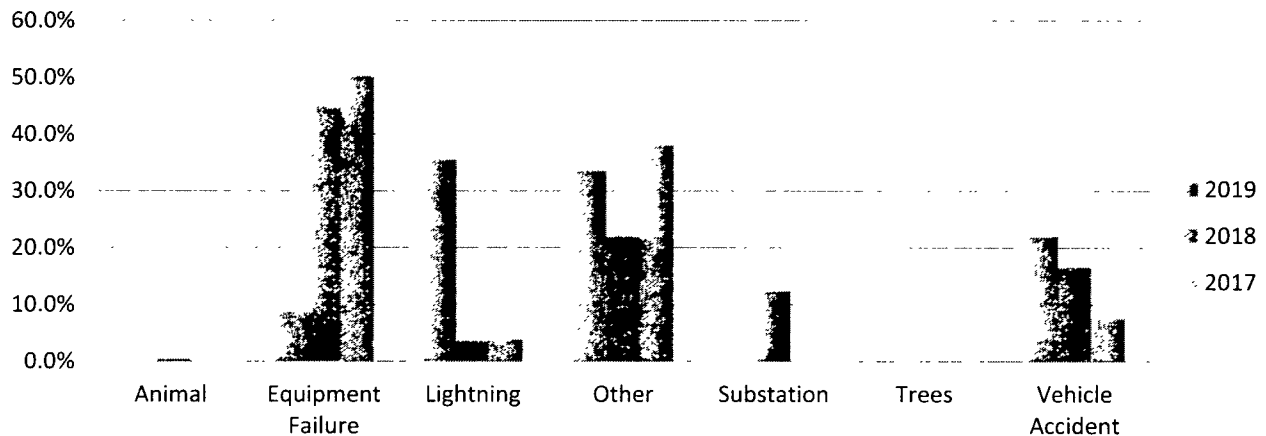
Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2015	2016	2017	2018	2019	Sum
Sectionalizing		\$8,299				\$8,299
Proactive Replacement					\$27,799	\$27,799
Power Quality						\$0
Small Asset Improvement	\$2,778		\$457			\$3,235
Crossarm C/O						\$0
Pole Reinforcement						\$0
Pole Replacement	\$419			\$7,784	\$68,459	\$76,662
Lightning Mitigation			\$601			\$601
Repair After Patrol					\$11,334	\$11,334
Feeder Ties						\$0
System Hardening						\$0
Sum	\$3,197	\$8,299	\$1,058	\$7,784	\$107,592	\$127,930

Outage Causes:

Alazan 94CS620 SAIDI Outage Causes



AEP Texas Inc.
Corpus Christi North District

Substation: Greta
Circuit ID: 94CN7890
2018 SAIDI List (1 Year)

Response:

In 2018 circuit Greta 94CN7890 was a first time repeater on the Worst Performing Feeder list (WPF) for SAIDI. In 2019, the yearly SAIDI value was 1112 minutes, which was 527 minutes over the 300% over system average SAIDI of 584.6 minutes. The feeder will repeat the second time for 2019. 74% of the customer minutes out were due to 5 equipment failures: 2 primary wire breaks, 2 burnt primary wire connections, and 1 primary wire off the insulator. The next highest outage cause was 13 tree outages for 10.5% of the yearly outage minutes. The longest outage was due to the station circuit breaker failing to reclose.

The efforts in 2019 to mitigate outages focused on increased sectionalizing and hydraulic recloser replacement. Dollars for sectionalizing and recloser replacement totaled \$21,571. There were a few pole replacements and wire replacement totaling \$20,000. The substation breaker was replaced, and new breaker settings issued. In 2020, the plan is to relocate some distribution reclosers and implement a coordination study to make sectionalizing more efficient.

AEP Texas has taken a number of actions in recent years in an effort to improve feeder service quality and prevent repeat violation of the Commission's system-wide service quality standards. A listing of the actions taken are provided in the Remediation & Cost table below, including the amounts spent on each project category.

Circuit Description:

Greta 94CN7890 is a 102.4 mile 12.5kV overhead circuit with 1.4 miles of underground primary distribution. It is a rural feeder serving 259 mainly oil field customers in the area known as Lake Pasture just north of Refugio in Refugio County. This area is prone to flooding as the name implies. The peak load in 2018 was 5.8 MVA.

Circuit Ranking:

Information	2017	2018	2019
Customer Count	256	259	281
SAIDI Rank	22	27	16
SAIDI Value	760.4	681.9	1112.1
300% System Avg.	532.8	547.5	584.6
# Circuits AEP Texas Inc.	1190	1200	1220
NOAA*	0	1	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

AEP Texas Inc.
Corpus Christi North District

Substation: Greta
Circuit ID: 94CN7890
2018 SAIDI List (1 Year)

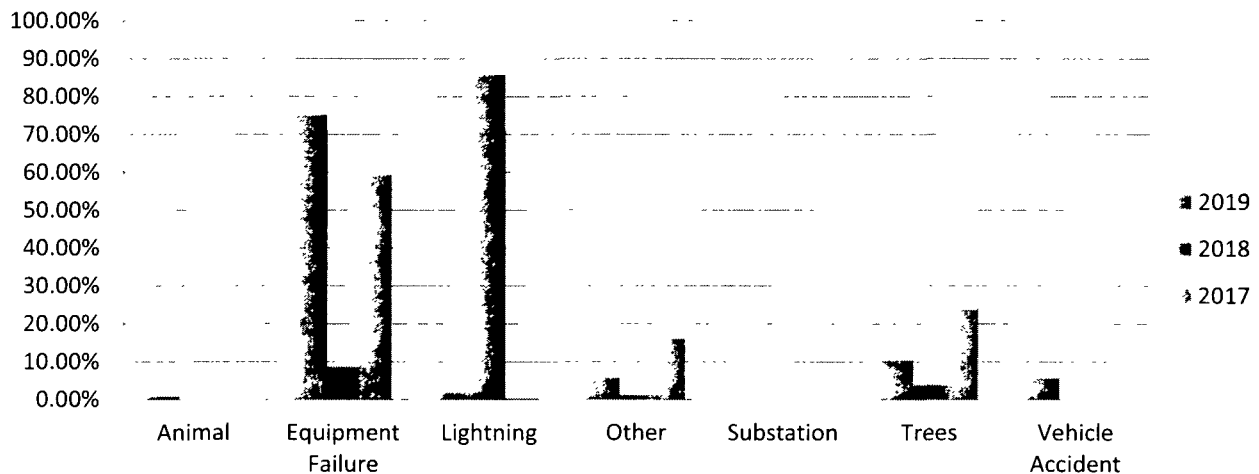
Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2015	2016	2017	2018	2019	Sum
Sectionalizing			\$4,114	\$2,577	\$7,144	\$13,835
Proactive Replacement		\$5,466			\$27,764	\$33,230
Power Quality						\$0
Small Asset Improvement	\$2,031	\$3,044	\$1,648	\$6,926	\$186	\$13,835
Crossarm C/O						\$0
Pole Reinforcement						\$0
Pole Replacement	\$30,104	\$18,396	\$9,507		\$6,724	\$64,731
Lightning Mitigation						\$0
Repair After Patrol	\$597					\$597
Feeder Ties						\$0
System Hardening						\$0
Sum	\$32,732	\$26,906	\$15,269	\$9,503	\$41,818	\$126,228

Outage Causes:

Greta 94CN7890 SAIDI Outage Causes



AEP Texas Inc.
Laredo District

Substation: Crestonio
Circuit ID: 94LA270
2018 SAIDI List (1 Year)

Response:

In 2018 circuit Crestonio 94LA270 was a first time repeat on the Worst Performing Feeder (WPF) SAIDI list with a value of 605.7 minutes. In 2019, the SAIDI value was 137.6 minutes with the 300% over system average SAIDI of 584.6. This circuit **will not repeat in 2019**. The major cause of outages in 2019 was equipment failure with 63% of the minutes interrupted. The most failures were broken primary wire, split poles, and burnt jumpers.

The remediation plan in 2019 focused on pole replacement with spending of \$401,665. System hardening projects totaled \$91,541, and repair of items found on circuit patrol totaled \$58,738. These projects helped keep the circuit off the list for 2019. Moving forward, there are a couple of projects planned to improve service. There is a scheduled project for construction in 2020 to upgrade and move 5 reclosers and fuse all downline taps, to establish better coordination and reduce outages. For 2021 we are seeking approval in our project ranking tool to relocate 3.3 miles of inaccessible feeder to help reduce outage restoration times in difficult to access areas.

AEP Texas has taken a number of actions in recent years in an effort to improve feeder service quality and prevent repeat violation of the Commission's system-wide service quality standards. A listing of the actions taken are provided in the Remediation & Cost table below, including the amounts spent relative to the actions taken.

Circuit Description:

Crestonio 94LA270 is a 220.6 mile long 12.5 KV circuit in Duval County serving 627 customers consisting of residential, cattle ranches, and small commercial customers northeast of Hebronville, Texas. This feeder is completely rural. The terrain is generally flat mesquite pasture. The majority of the circuit crosses farms and ranches with only private roads making locations difficult to reach.

Circuit Ranking:

Information	2017	2018	2019
Customer Count	626	627	619
SAIDI Rank	24	40	452
SAIDI Value	707.7	605.7	137.6
300% System Avg.	532.8	547.5	584.6
# Circuits @ AEP Texas Inc.	1190	1200	1220
NOAA*	1	0	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

AEP Texas Inc.
Laredo District

Substation: Crestonio
Circuit ID: 94LA270
2018 SAIDI List (1 Year)

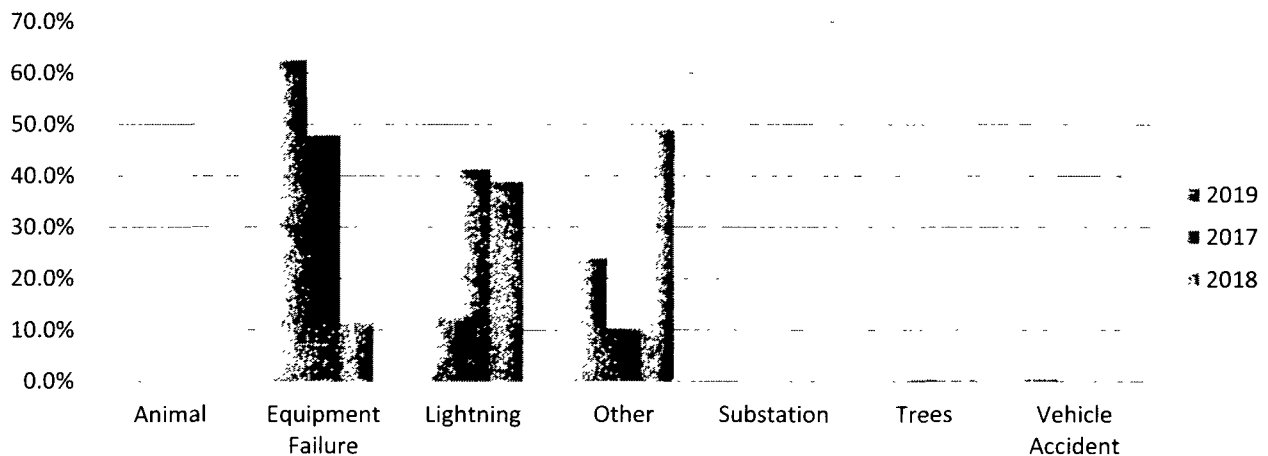
Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2015	2016	2017	2018	2019	Sum
Sectionalizing			\$1,348	\$46,091	\$45,281	\$92,720
Proactive Replacement	\$46,610	\$17,131			\$42,237	\$105,978
Power Quality		\$14,382		\$213	\$37,472	\$52,067
Small Asset Improvement						\$0
Crossarm C/O						\$0
Pole Reinforcement						\$0
Pole Replacement	\$31,973	\$28,053	\$11,083	\$154,886	\$401,665	\$627,660
Lightning Mitigation						\$0
Repair After Patrol			\$4,927	\$66,224	\$58,738	\$129,889
Feeder Ties						\$0
System Hardening					\$91,541	\$91,541
Sum	\$78,583	\$59,566	\$17,358	\$267,414	\$676,934	\$1,099,855

Outage Causes:

Crestonio 94LA270 SAIDI Outage Causes



AEP Texas Inc.
Rio Grande Valley District

Substation: East Harrison
Circuit ID: 94SB3950

2018 SAIDI List (1 Year)

Response:

In 2018 circuit East Harrison 94SB3950 was a first time repeat on the SAIDI Worst Performing Feeder (WPF) list with a value of 560.8 minutes. In 2019, the SAIDI value was 398 minutes with a 300% over system average SAIDI of 584.6 minutes. The circuit **will not repeat in 2019**. The major outage minutes in 2019 were caused by equipment failure (37%) and lightning (31%).

Steps taken in 2019 to remediate outages focused on feeder tie projects with \$342,130 spent on replacing primary conductor and installing new feeder lines to complete ties capable of transferring load. \$50,000 was spent on sectionalizing equipment, and \$50,000 on replacement of equipment. These projects helped keep the circuit off the 2019 WPF list.

AEP Texas has taken a number of actions in recent years in an effort to improve feeder service quality to prevent repeat violation of the Commission's system-wide service quality standards. The Remediation & Cost table below lists the actions taken and yearly dollars spent relative to those actions.

Circuit Description:

East Harrison 94SB3950 is a 72 mile 12.5kV circuit in Cameron County. It starts in east Harlingen and travels 18 miles north and east serving Rio Hondo and rural areas up to the Willamar oil field. The peak load in 2018 was 4MVA. The 632 customers are a mix of rural residences, the west side of Rio Hondo, and some light industrial on the backside of the Harlingen airport.

Circuit Ranking:

Information	2017	2018	2019
Customer Count	609	632	675
SAIDI Rank	9	48	116
SAIDI Value	931.3	560.8	398
300% System Avg.	532.8	547.5	584.6
# Circuits @ AEP Texas Inc.	1190	1200	1220
NOAA*	1	1	

* NOAA – This is the number of thunderstorm, high wind, and ice events from the U.S. Local Storm Events Data for the county in the circuit route between January 1st to December 31st of the given year.

AEP Texas Inc.
Rio Grande Valley District

Substation: East Harrison
Circuit ID: 94SB3950
2018 SAIDI List (1 Year)

Remediation & Cost:

The reliability work plan for the circuit consisted of the following elements. The cost includes the remediation work as well as any other items done to address reliability on the circuit.

Projects	2015	2016	2017	2018	2019	Sum
Sectionalizing	\$8,074	\$668		\$16,969	\$50,750	\$76,461
Proactive Replacement				\$465	\$50,456	\$50,921
Power Quality			\$839			\$839
Small Asset Improvement	\$1,565					\$1,565
Crossarm C/O						\$0
Pole Reinforcement						\$0
Pole Replacement	\$27,800	\$96,508	\$140,197	\$90,308	\$7,910	\$362,723
Lightning Mitigation						\$0
Repair After Patrol	\$15,901					\$15,901
Feeder Ties					\$342,130	\$342,130
System Hardening						\$0
Sum	\$53,340	\$97,176	\$141,036	\$107,742	\$451,246	\$850,540

Outage Causes:

East Harrison 94SB3950 SAIDI Outage Causes

