



Control Number: 39035



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**Service Quality Report**  
To The  
**Public Utility Commission of Texas**  
In Accordance With  
**Substantive Rule §25.81**  
**2010 Reporting Year**

**AEP Texas North Company**

**Project 39035**

Service Quality Report to the Public Utility Commission of Texas

**AEP Texas North Company**

<b>System SAIFI</b>	<b>Annual</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Forced</b>													
<b>2010</b>	0.7	0.07	0.05	0.04	0.02	0.05	0.08	0.07	0.12	0.08	0.05	0.04	0.02
<b>Scheduled</b>													
<b>2010</b>	0.12	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.05	0.01	0.00	0.00
<b>Outside Causes</b>													
<b>2010</b>	0.32	0.02	0.00	0.02	0.02	0.05	0.04	0.04	0.05	0.04	0.03	0.02	0.01
<b>Major Events</b>													
<b>2010</b>	0.10	0.10											

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

**391**

Add or Delete Rows as Necessary

**AEP Texas North Company**

2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value	Notes
1	3	INDIAN MESA	97SA2695	189	5.185	
2	88	TUSCOLA	97AB3305	958	4.251	
3	117	AB RAINEY CREEK	97AB4550	944	4.044	
4	52	MCCAMEY	97SA2420	106	4.038	
5	64	BARNHART	97SA3725	100	4.010	
6	293	SHEFFIELD	97SA6430	243	3.996	
7	102	MCCAMEY	97SA2830	441	3.937	
8	1	RIO PECOS	97SA3835	133	3.910	
9	240	TURKEY	97AB3825	380	3.839	
10	99	IRAAN	97SA2050	174	3.466	
11	63	MCCAMEY	97SA2415	154	3.435	
12	125	IRAAN	97SA2055	542	3.402	
13	192	TANKERSLY (CVEC)	97SA5260	811	3.231	
14	40	MASTERSON FIELD	97SA2101	280	3.225	
15	73	MCCAMEY	97SA2855	61	3.213	
16	380	FLOMOT	97AB1335	38	3.053	
17	294	SANTA ANNA	97SA3420	363	3.039	
18	214	MCCAMEY	97SA3670	318	3.035	
19	65	MIDWAY LANE	97SA3440	60	3.033	
20	25	NORTH MCCAMEY	97SA6560	428	2.942	
21	388	SHAFTER	97SA50803	52	2.923	
22	113	ASPR CONTINENTAL	97AB3830	17	2.706	
23	261	BRONTE AMBASSADOR	97SA6650	16	2.688	
24	126	PECOS VALLEY	97SA4080	91	2.637	
25	196	THROCKMORTON	97AB2090	73	2.562	
26	169	PONDER KENNEDY	97SA50208	11	2.545	was 97SA5105
27	51	DUNEFIELD (N CRANE)	97SA3885	59	2.475	
28	298	AB SHELTON ST	97AB3145	1,072	2.386	
29	150	GONZALES	97SA15390	1,304	2.368	new station, essentially replaced 97SA4540
30	251	CISCO	97AB1690	781	2.269	
31	44	RISING STAR	97AB5075	675	2.236	
32	19	AFTON	97AB2225	58	2.207	
33	111	ALPINE 12KV	97SA3875	501	2.204	
34	108	PAISANO	97SAPAISAN	10	2.200	
35	303	FLOMOT	97AB4089	54	2.185	
36		VERHALEN	97SA4460	11	2.182	was <10 customers
37	28	BALLINGER	97SA4395	515	2.179	
38	233	FT DAVIS	97SA3345	418	2.163	
39	264	BEN FICKLIN	97SA6180	922	2.146	
40	4	PECOS VALLEY	97SA4075	22	2.136	
41	360	SA CONCHO	97SA1705	857	2.102	
42	30	MATADOR	97AB3030	517	2.093	
43	7	SUN VALLEY	97SA4300	89	2.067	
44	54	ASPR CONTINENTAL	97AB4800	35	2.057	
45	201	GONZALES	97SA14685	980	2.022	new station, essentially replaced 97SA6135
46	317	SA EMERSON ST	97SA4620	433	2.014	
47	78	ACME BESTWALL	97AB4150	63	1.984	
48	94	AB EAST 12KV	97AB4820	1,144	1.984	
49	12	EOLA	97SA4950	249	1.956	
50	145	VERHALEN	97SA4465	41	1.951	
51	216	TRENT	97AB2850	28	1.929	
52		ATLANTIC BEST	97SA6420	10	1.900	was <10 customers
53	140	CEDAR GAP (TEC)	97AB4115	265	1.849	
54	195	YELLOWJACKET	97SA5505	980	1.846	new station, essentially replaced 97SA3755
55	121	BUSH KNOB	97AB5200	290	1.738	
56	55	ROUNDTOP	97AB4490	45	1.733	
57	207	CHRISTOVAL	97SA6615	391	1.691	
58	249	QUANAH	97AB100	105	1.667	

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AEP Texas North Company

2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value	Notes
59	311	AB OIL MILL	97AB2785	239	1.665	
60	36	OZONA	97SA3810	642	1.650	
61	269	SANTA ANNA	97SA3415	330	1.639	
62	186	ALBANY	97AB2029	247	1.623	
63	168	TEXON	97SA4345	156	1.615	
64	84	SA AVENUE N	97SA1730	806	1.610	
65	361	BRONTE	97SA3560	250	1.608	
66	209	AB MCMURRY	97AB3245	782	1.590	
67	32	ROBY	97AB3795	77	1.558	
68	48	CHILDRESS 69	97AB1800	549	1.545	
69	42	STAMFORD PUMP	97AB3930	33	1.455	
70	335	BRADY	97SA5015	186	1.452	
71	177	ELDORADO	97SA2880	338	1.450	
72	35	VALENTINE	97SA5590	190	1.437	
73	148	AB COUNTRY CLUB	97AB4855	759	1.427	
74	259	CLYDE	97AB3635	740	1.407	
75	194	JUNCTION	97SA4340	776	1.397	
76	105	AB ELM CREEK	97AB5045	362	1.390	
77	218	CISCO	97AB1685	229	1.376	
78	11	PERKINS PROTHO	97SA3180	19	1.368	
79	22	RIO PECOS	97SA513	20	1.350	
80	185	AB SHELTON ST	97AB3050	639	1.335	
81	182	AB SHELTON ST	97AB3060	1,596	1.300	
82	347	JAYTON	97AB6125	351	1.296	
83	29	BAIRD	97AB5125	612	1.288	
84	129	SA AVENUE N	97SA1655	463	1.266	
85	308	AB SHELTON ST	97AB3660	641	1.264	
86	342	ROBY	97AB2276	319	1.257	
87	371	SA EMERSON ST	97SA4860	244	1.250	
88	307	MARFA	97SA1905	1,053	1.236	
89	9	TURKEY	97AB2980	332	1.235	
90	95	MATADOR	97AB3090	245	1.220	
91	331	AB OVER STREET 12KV	97AB1635	517	1.209	
92	61	ROBERT LEE	97SA4120	573	1.204	
93	106	ONYX REA	97AB3260	149	1.201	
94	203	SA NORTH	97SA3120	1,121	1.198	
95	348	ELDORADO	97SA1845	780	1.195	
96	321	ALBANY	97AB3540	600	1.185	
97	115	WINTERS	97SA3765	838	1.178	
98	13	SAND ROAD	97AB5195	254	1.173	
99	337	MARFA	97SA1900	678	1.155	
100	231	SAND ROAD	97AB5655	622	1.145	
101	188	QUANAH	97AB1830	629	1.140	
102	236	KIRKLAND	97AB3545	29	1.138	
103	354	SA EMERSON ST	97SA4630	1,207	1.138	
104	26	BEN FICKLIN	97SA6175	657	1.131	
105	285	BIG LAKE	97SA4655	1,206	1.124	
106	47	MERKEL	97AB1895	720	1.121	
107	370	AB COUNTRY CLUB	97AB4730	522	1.119	
108	131	POWELL FIELD	97SA2528	27	1.111	
109	245	AB CANYON ROCK	97AB5035	871	1.110	
110	37	BRADSHAW (CLIMAX)	97AB11301	46	1.109	
111	283	JUNCTION	97SA4335	783	1.106	
112	272	AB REBECCA LANE	97AB2710	247	1.101	
113	46	AB EAST 12KV	97AB4825	414	1.101	
114	142	HASKELL 12KV	97AB3495	808	1.099	
115	138	STAMFORD	97AB6255	422	1.095	
116	167	SA GRAPE CREEK	97SA5220	626	1.088	
117	179	TUSCOLA	97AB3730	1,177	1.076	
118	124	STAMFORD	97AB2835	137	1.073	
119	260	WINTERS	97SA2113	818	1.070	
120	87	AFTON	97AB2310	262	1.069	
121	34	CHILDRESS 69	97AB1480	305	1.066	

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2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value	Notes
122	246	OZONA	97SA4185	1,285	1.063	
123	39	BIG LAKE	97SA4665	413	1.061	
124	290	ROBERT LEE	97SA4125	296	1.047	
125	133	RANKIN	97SA5735	347	1.046	
126	206	SA LAKE DR	97SA5865	1,133	1.045	
127	181	TWILIGHT TRAIL	97AB3150	639	1.038	
128	343	AB COUNTRY CLUB	97AB4725	191	1.037	
129	365	SA EMERSON ST	97SA4625	440	1.025	
130	374	AB REBECCA LANE	97AB5555	1,112	1.024	
131	149	IRAAN	97SA4305	80	1.013	
132	274	CEDAR GAP (TEC)	97AB5445	226	1.000	
133	178	BEN FICKLIN	97SA6185	225	1.000	
134	122	ABILENE PLANT	97AB1570	671	0.990	
135	305	TWILIGHT TRAIL	97AB4285	1,155	0.980	
136	164	WAGGONER	97AB5900	28	0.964	
137	5	MCELROY	97SA5165	101	0.960	
138	2	CROSS PLAINS	97AB2915	785	0.957	
139	183	CISCO	97AB1680	786	0.934	
140	82	INDIAN MESA	97SA2690	74	0.932	
141	96	QUANAH	97AB3975	211	0.924	
142	77	AB RAINEY CREEK	97AB4225	94	0.872	
143	43	AB DYESS 2	97AB6335	350	0.869	
144	336	AB REBECCA LANE	97AB5550	668	0.862	
145	326	SA JACKSON ST	97SA4250	294	0.820	
146	248	SARAGOSA	97SA1552	655	0.818	
147	273	TANKERSLY (CVEC)	97SA5265	11	0.818	
148	265	FREISS RANCH	97SA4870	106	0.811	
149	21	YELLOWJACKET	97SA7935	380	0.800	new station, essentially replaced 97SA3760
150	212	ALPINE 12KV	97SA3160	1,046	0.798	
151	119	FT DAVIS	97SA4515	911	0.788	
152	76	PUTNAM	97AB2131	122	0.787	
153	373	COLLEGE HILLS	97SA4835	437	0.762	
154	320	HAWLEY	97AB4455	600	0.747	
155	175	PAULANN	97SA6280	395	0.719	
156	128	VALENTINE	97SA6325	564	0.668	
157	18	CROSS PLAINS	97AB2920	554	0.646	
158	204	STERLING CITY	97SA1445	799	0.636	
159	228	AB MCMURRY	97AB3240	748	0.627	
160	20	HASKELL 12KV	97AB5240	645	0.626	
161	268	HAMLIN SHELL	97AB6330	24	0.625	
162	104	SARAGOSA	97SA1590	47	0.617	
163	267	RULE	97AB3396	457	0.606	
164	132	HASKELL 12KV	97AB3770	450	0.600	
165	103	MORAN	97AB2108	348	0.595	
166	324	AB HARTFORD ST	97AB3690	171	0.591	
167	6	MESA VIEW	97SA7045	104	0.587	
168	56	CHILLICOTHE	97AB4525	128	0.570	
169	17	AB MAPLE ST	97AB5755	1,163	0.540	
170	98	MORAN	97AB2107	238	0.538	
171	123	RULE	97AB3378	112	0.518	
172	80	RISING STAR	97AB5080	540	0.476	
173	85	ROCHESTER	97AB3290	94	0.447	
174	74	SPUR	97AB5170	330	0.445	
175	187	SA GRAPE CREEK	97SA4700	694	0.445	
176	72	MUNDAY	97AB6715	244	0.443	
177	276	HAMLIN	97AB3775	283	0.438	
178	208	RANKIN	97SA6405	149	0.430	
179	202	CHRISTOVAL	97SA6620	535	0.406	
180	79	PLASTERCO (MWEC)	97AB2720	120	0.400	
181	166	WOODSON OIL FIELD	97AB30	35	0.400	
182	23	PADUCAH CITY	97AB1935	289	0.391	
183	68	OZONA	97SA3555	135	0.385	
184	213	PECAN BAYOU	97AB6810	413	0.378	

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2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value	Notes
185	57	AB OIL MILL	97AB3900	721	0.370	
186	350	AB EAST 12KV	97AB4830	608	0.368	
187	158	BENJAMIN (BEPC)	97AB5680	177	0.367	
188	220	AB MCMURRY	97AB4350	707	0.365	
189	197	AB HARTFORD ST	97AB3815	1,117	0.364	
190	15	ABILENE PLANT	97AB1565	288	0.361	
191	8	TRENT	97AB4245	198	0.359	
192	110	ALPINE 12KV	97SA3155	1,058	0.357	
193	53	PADUCAH CITY	97AB1930	608	0.354	
194	219	PUTNAM	97AB2129	212	0.349	
195	190	AB ELM CREEK	97AB4775	864	0.343	
196	225	VERNON	97AB4275	606	0.338	
197	211	CROWELL	97AB3980	520	0.329	
198	90	STAMFORD	97AB2815	721	0.315	
199	93	SPUDDER FLAT	97SA4175	51	0.314	
200	318	AB RAINEY CREEK	97AB4270	1,340	0.313	
201	139	SONORA	97SA2045	647	0.312	
202	198	CROWELL	97AB3490	181	0.309	
203	389	VALERA HUMBLE	97SA7015	84	0.298	
204	193	ASPERMONT	97AB3380	758	0.294	
205	386	COLLEGE HILLS	97SA4845	191	0.288	
206	116	CHILDRESS 69	97AB4865	763	0.287	
207	359	SA SOUTHLAND HILLS	97SA5055	816	0.278	
208	143	SA SOUTH	97SA4795	1,068	0.277	
209	38	SA MATHIS FIELD	97SA4790	142	0.275	
210	306	SAND ROAD	97AB5290	828	0.271	
211	224	VERNON CITY PLANT	97AB5775	829	0.269	
212	383	SA CONCHO	97SA1725	30	0.267	
213	91	QUANAHA	97AB3100	580	0.266	
214	199	ALPINE 12KV	97SA6825	1,816	0.260	
215	165	RANKIN	97SA6400	143	0.252	
216	325	AB MCMURRY	97AB4510	825	0.250	
217	71	AB VOGEL ST	97AB4405	565	0.248	
218	50	SA SOUTH	97SA3995	1,257	0.246	
219	334	SAND ROAD	97AB5295	534	0.243	
220	270	AB DYESS 1	97AB1775	610	0.239	
221	16	SPUDDER FLAT	97SA4180	55	0.236	
222	114	SA LAKE DR	97SA5880	798	0.224	
223	230	FT CHADBOURNE	97SA6515	79	0.215	
224	156	SA MATHIS FIELD	97SA5100	225	0.213	
225	329	MUNDAY	97AB2080	483	0.209	
226	60	SPUR	97AB417	239	0.209	replaced 97AB411
227	45	CHILLICOTHE	97AB4530	517	0.209	
228	27	AFTON	97AB2355	48	0.208	
229	241	SA WALNUT ST	97SA4635	1,488	0.206	
230	247	BLUFFS	97SA9110	368	0.193	
231	205	ANSON 12KV	97AB6630	683	0.192	
232	75	GRAYBACK	97AB3315	42	0.190	
233	101	PAULANN	97SA6285	42	0.190	
234	210	HAMLIN	97AB3270	928	0.182	
235	346	AB MCMURRY	97AB3235	831	0.181	
236	81	ALBANY	97AB3655	625	0.179	
237	107	AB CANYON ROCK	97AB5030	854	0.179	
238	163	ESPY WELLS	97SA5522	28	0.179	
239	254	WYLIE	97AB6340	681	0.178	
240	279	CISCO	97AB1675	863	0.177	
241	364	COLLEGE HILLS	97SA5520	437	0.169	
242	255	THROCKMORTON	97AB3190	633	0.167	
243	253	SA JACKSON ST	97SA4690	1,208	0.167	
244	33	CHERRY CREEK TAP	97SA5245	24	0.167	
245	221	SA COKE ST	97SA4910	1,562	0.165	
246	340	AB HARTFORD ST	97AB3820	904	0.163	
247	275	ALPINE 12KV	97SA6820	736	0.163	

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2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value	Notes
248	58	AB ELM CREEK	97AB1810	839	0.162	
249	141	COLLEGE HILLS	97SA6145	732	0.157	
250	176	CORINTH	97AB2590	13	0.154	
251	229	AB OVER STREET 12KV	97AB1645	770	0.153	
252	173	SA LAKE DR	97SA6030	602	0.153	
253	316	SA WALNUT ST	97SA3925	874	0.151	
254	280	AB WALNUT ST	97AB3110	1,099	0.150	
255	217	HUMBLE KEMPER	97SA1490	20	0.150	
256	97	ANSON REA (SEC)	97AB5215	295	0.149	
257	134	VERNON	97AB1750	256	0.145	
258	333	ROTAN	97AB1865	194	0.144	
259	299	AB ELMDALE	97AB4520	211	0.137	
260	284	SA JACKSON ST	97SA4685	1,397	0.137	
261	262	AB OVER STREET 12KV	97AB1840	869	0.135	
262	67	WYLIE	97AB2665	1,166	0.135	
263	332	AB EAST 12KV	97AB5760	209	0.134	
264	215	SA SOUTHLAND HILLS	97SA5455	1,121	0.134	
265	153	TWILIGHT TRAIL	97AB5855	1,423	0.132	
266	263	SA NORTH	97SA3130	220	0.132	
267	256	SA JACKSON ST	97SA4260	664	0.131	
268	172	AB ELM CREEK	97AB1820	92	0.130	
269	356	PAINT ROCK	97SA5235	182	0.126	
270	286	SILVER	97SA5305	16	0.125	
271	239	KNOX CITY	97AB3390	373	0.123	
272	378	AB SHELTON ST	97AB3435	309	0.123	
273	368	AB SHELTON ST	97AB3045	524	0.122	
274	14	MILES	97SA4670	499	0.122	
275	281	AB VOGEL ST	97AB4560	1,442	0.121	
276	146	CLYDE	97AB3630	545	0.119	
277	184	MUNDAY REA (BKEC)	97AB2015	34	0.118	
278	62	SPUR	97AB414	237	0.118	
279	41	CROSS PLAINS	97AB1795	424	0.116	
280	226	PECAN BAYOU	97AB6815	1,469	0.116	
281	250	SA SOUTHLAND HILLS	97SA5050	889	0.116	
282	232	VERNON	97AB1520	768	0.113	
283	151	TRUSCOTT	97AB3845	36	0.111	
284	315	SA SOUTH	97SA2595	910	0.110	
285	282	SA COKE ST	97SA3905	663	0.107	
286	200	SA GRAPE CREEK	97SA5365	730	0.107	
287	379	PAULANN	97SA6310	862	0.106	
288	92	CHILDRESS 20TH ST	97AB5725	668	0.102	
289	310	WEINERT	97AB6490	128	0.102	
290	112	HIGHLAND	97SA6385	1,405	0.102	
291	144	ROARING SPRINGS	97AB6155	30	0.100	
292	223	SA NORTH	97SA3125	1,052	0.100	
293	244	VERNON	97AB5000	252	0.099	
294	338	BALLINGER	97SA4375	1,061	0.099	
295	100	ROTAN	97AB1860	731	0.097	
296	227	ALBANY	97AB3640	310	0.097	
297	328	BALLINGER	97SA4370	823	0.096	
298	157	ABILENE PLANT	97AB1915	63	0.095	
299	135	TWILIGHT TRAIL	97AB4290	823	0.094	
300	242	MERTZON (CVEC)	97SA2905	573	0.094	
301	278	AB ELM CREEK	97AB4780	499	0.092	
302	301	SA CONCHO	97SA1715	305	0.092	
303	174	SA JACKSON ST	97SA4265	958	0.092	
304	89	SA AVENUE N	97SA1695	1,403	0.091	
305	257	PEACOCK	97AB1375	45	0.089	
306	363	AB WALNUT ST	97AB3445	90	0.089	
307	189	AB VOGEL ST	97AB4410	762	0.089	
308	234	AB MAPLE ST	97AB5750	404	0.089	
309	304	CHILDRESS 69	97AB2800	343	0.087	
310	292	SA WALNUT ST	97SA3920	865	0.087	



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311	271	SA NORTH	97SA3115	537	0.084	
312	83	BAIRD	97AB5120	446	0.083	
313	120	AB ELM CREEK	97AB1815	371	0.081	
314	171	MERKEL	97AB1890	593	0.081	
315	191	HAROLD	97AB3055	25	0.080	
316	159	ABILENE PLANT	97AB1575	599	0.077	
317	130	CLYDE	97AB1755	117	0.077	
318	313	AB VOGEL ST	97AB4650	803	0.077	
319	66	STAMFORD	97AB4565	845	0.076	
320	372	ROWENA	97SA4480	218	0.073	
321	296	WYLIE	97AB2675	749	0.072	
322	238	HIGHLAND	97SA6370	512	0.072	
323	319	AB MCMURRY	97AB4360	1,110	0.070	
324	362	AB OIL MILL	97AB3895	130	0.069	
325	266	ROCHESTER	97AB3295	249	0.068	
326	297	AILEEN	97AB6435	673	0.068	
327	330	AB REBECCA LANE	97AB6915	981	0.068	
328	152	VERNON	97AB3340	563	0.067	
329	351	MUNDAY	97AB3365	373	0.067	
330	252	BRONTE	97SA3590	173	0.064	
331	118	BLUFFS	97SA7280	1,121	0.062	
332	327	QUANAH	97AB3530	362	0.061	
333	137	AB ELM CREEK	97AB4745	934	0.061	
334	300	ANSON 12KV	97AB6635	411	0.061	
335	376	SA CONCHO	97SA1700	483	0.060	
336	69	SA SOUTH	97SA4255	818	0.059	
337	235	CLYDE	97AB1760	395	0.058	
338	345	EDEN	97SA3195	505	0.055	
339	291	BRONTE	97SA4160	222	0.054	
340	109	AB RAINEY CREEK	97AB4220	190	0.047	
341	288	GIRARD	97AB6260	44	0.045	
342	295	MELVIN	97SA4955	134	0.045	
343	349	MERTZON (CVEC)	97SA1530	319	0.044	
344	10	KNOX CITY	97AB3985	23	0.043	
345	353	AB SHELTON ST	97AB4640	653	0.043	
346	385	SONORA ATLANTIC (SWTEC)	97SA4415	24	0.042	
347	258	KNOX CITY	97AB3300	491	0.041	
348	357	SA JACKSON ST	97SA4695	553	0.040	
349	49	SONORA 138 SUB	97SA4810	931	0.040	
350	180	AB HARTFORD ST	97AB3685	361	0.039	
351	339	AILEEN	97AB4605	620	0.037	
352	147	AB ELM CREEK	97AB1825	222	0.036	
353	322	ONYX REA	97AB3255	28	0.036	
354	314	SA SOUTH	97SA3990	715	0.035	
355	127	CHILDRESS 20TH ST	97AB5720	177	0.034	
356	302	AB OIL MILL	97AB2780	726	0.032	
357	323	AB MCMURRY	97AB4355	998	0.032	
358	86	EDITH HUMBLE	97SA6170	99	0.030	
359	309	EDEN	97SA1780	247	0.028	
360	31	SONORA 138 SUB	97SA4805	477	0.027	
361	341	AB COUNTRY CLUB	97AB4735	114	0.026	
362	154	ABILENE PLANT	97AB1910	288	0.024	
363	277	HIGHLAND	97SA6380	431	0.023	
364	289	FT CHADBOURNE	97SA6520	526	0.023	
365	59	SA AVENUE N	97SA1975	323	0.022	
366	369	SA WALNUT ST	97SA3915	795	0.020	
367	355	ABILENE PLANT	97AB3175	105	0.019	
368	155	SA CONCHO	97SA3325	52	0.019	
369	287	AB WALNUT ST	97AB3785	510	0.018	
370	222	AB SHELTON ST	97AB3040	177	0.017	
371	352	SA SOUTHLAND HILLS	97SA5860	1,146	0.017	
372	243	AB OVER STREET 12KV	97AB3140	629	0.014	
373	237	VERNON CITY PLANT	97AB5770	111	0.009	

Service Quality Report to the Public Utility Commission of Texas

AEP Texas North Company

2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value	Notes
374	358	COLLEGE HILLS	97SA4840	234	0.009	
375	375	SA WALNUT ST	97SA3910	150	0.007	
376	382	AILEEN	97AB4600	249	0.004	
377	366	HIGHLAND	97SA6375	242	0.004	
378	170	SWENSON	97AB136	30	-	
379	24	HAROLD	97AB1495	20	-	
380	161	ABILENE PLANT	97AB1735	78	-	
381	162	ABILENE PLANT	97AB1740	28	-	
382	312	AB WALNUT ST	97AB3250	13	-	
383	381	AB ELMDALE	97AB4085	39	-	
384	367	AB CANYON ROCK	97AB5025	51	-	
385	384	BLUFFS	97SA3005	128	-	
386	377	SA SOUTH	97SA3500	256	-	
387	387	SA COKE ST	97SA4915	20	-	
388	136	TALPA ATLANTIC	97SA5180	64	-	
389	344	COLLEGE HILLS	97SA5515	345	-	
390	70	BOBCAT HILLS	97SA6655	21	-	
391	160	CROCKETT HEIGHTS	97SA73703	82	-	

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

2009 SAIFI Ranking	Substation Identification	Feeder Identification	Reason not in 2010
60	SPUR	97AB411	replaced by 97AB417
195	MENARD	97SA3755	retired substation, essentially replaced by 97SA5505
21	MENARD	97SA3760	retired substation, essentially replaced by 97SA7935
150	PRESIDIO	97SA4540	retired substation, essentially replaced by 97SA15390
169	PONDER KENNEDY	97SA5105	replaced by 97SA50208
201	PRESIDIO	97SA6135	retired substation, essentially replaced by 97SA14685

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

**391**

Add or Delete Rows as Necessary

**AEP Texas North Company**

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value	Notes
1	196	ASPR CONTINENTAL	97AB3830	17	961.9	
2	14	DUNEFIELD (N CRANE)	97SA3885	59	658.7	
3	286	SHEFFIELD	97SA6430	243	633.3	
4	322	SANTA ANNA	97SA3420	363	627.7	
5	144	PONDER KENNEDY	97SA50208	11	622.7	was 97SA5105
6	295	WINTERS	97SA2113	818	617.3	
7	148	ALPINE 12KV	97SA3875	501	610.0	
8	210	TURKEY	97AB3825	380	584.4	
9	10	RIO PECOS	97SA3835	133	552.5	
10		ATLANTIC BEST	97SA6420	10	552.3	was <10 customers
11	151	WINTERS	97SA3765	838	538.7	
12	54	AFTON	97AB2225	58	508.9	
13	281	SANTA ANNA	97SA3415	330	489.3	
14	188	JUNCTION	97SA4340	776	449.5	
15	277	JUNCTION	97SA4335	783	437.4	
16	119	PAISANO	97SAPAISAN	10	436.2	
17	37	VALENTINE	97SA5590	190	416.3	
18	195	TRENT	97AB2850	28	398.8	
19	319	BRADY	97SA5015	186	397.9	
20	3	ASPR CONTINENTAL	97AB4800	35	389.9	
21	20	INDIAN MESA	97SA2695	189	384.2	
22	42	MASTERTON FIELD	97SA2101	280	377.1	
23	380	FLOMOT	97AB1335	38	361.4	
24	35	EOLA	97SA4950	249	357.5	
25	154	TANKERSLY (CVEC)	97SA5260	811	350.6	
26	290	BRONTE AMBASSADOR	97SA6650	16	328.3	
27	13	SUN VALLEY	97SA4300	89	319.6	
28	2	PECOS VALLEY	97SA4075	22	289.6	
29	43	POWELL FIELD	97SA2528	27	275.4	
30	1	MCCAMEY	97SA2415	154	263.4	
31	5	BARNHART	97SA3725	100	260.6	
32	360	SA CONCHO	97SA1705	857	256.5	
33	11	MCCAMEY	97SA2420	106	254.8	
34	71	PECOS VALLEY	97SA4080	91	241.4	
35	185	CHRISTOVAL	97SA6615	391	240.8	
36	128	TEXON	97SA4345	156	238.7	
37	21	MIDWAY LANE	97SA3440	60	227.3	
38	182	MCCAMEY	97SA3670	318	217.5	
39	94	MCCAMEY	97SA2855	61	205.6	
40	163	AB COUNTRY CLUB	97AB4855	759	203.3	
41	68	VERHALEN	97SA4465	41	196.7	
42	12	STAMFORD PUMP	97AB3930	33	196.5	
43		VERHALEN	97SA4460	11	189.0	was <10 customers
44	332	FLOMOT	97AB4089	54	188.7	
45	357	BRONTE	97SA3560	250	184.3	
46	193	THROCKMORTON	97AB2090	73	183.9	
47	337	MARFA	97SA1900	678	183.7	
48	243	KIRKLAND	97AB3545	29	183.5	
49	318	MARFA	97SA1905	1,053	182.9	
50	388	SHAFTER	97SA50803	52	179.2	
51	87	RIO PECOS	97SA513	20	177.3	
52	338	ELDORADO	97SA1845	780	176.5	
53	30	ACME BESTWALL	97AB4150	63	168.5	
54	153	IRAAN	97SA2050	174	164.9	
55	7	MCELROY	97SA5165	101	163.4	
56	83	MCCAMEY	97SA2830	441	160.8	
57	106	VALENTINE	97SA6325	564	158.9	
58	171	AB ELM CREEK	97AB5045	362	152.7	

Service Quality Report to the Public Utility Commission of Texas

AEP Texas North Company

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value
59	248	BEN FICKLIN	97SA6180	922	149.7
60	187	IRAAN	97SA2055	542	147.2
61	33	SARAGOSA	97SA1590	47	147.1
62	130	RISING STAR	97AB5075	675	141.9
63	103	TUSCOLA	97AB3305	958	138.5
64	269	AB OIL MILL	97AB2785	239	135.2
65	18	CROSS PLAINS	97AB2915	785	135.0
66	146	ALBANY	97AB2029	247	134.1
67	91	SA GRAPE CREEK	97SA5220	626	132.3
68	335	ROBY	97AB2276	319	129.8
69	254	CISCO	97AB1690	781	126.6
70	132	PAULANN	97SA6280	395	126.2
71	44	BALLINGER	97SA4395	515	124.1
72	28	OZONA	97SA3810	642	122.9
73	74	CHILDRESS 69	97AB1480	305	121.7
74	261	FT DAVIS	97SA3345	418	121.3
75	82	ROUNDTOP	97AB4490	45	119.5
76	183	AB MCMURRY	97AB3245	782	119.0
77	67	AB RAINEY CREEK	97AB4225	94	118.3
78	122	MATADOR	97AB3030	517	117.3
79	305	SA EMERSON ST	97SA4620	433	117.2
80	186	AB RAINEY CREEK	97AB4550	944	116.3
81	6	PERKINS PROTHO	97SA3180	19	116.3
82	225	SA LAKE DR	97SA5865	1,133	115.7
83	53	BUSH KNOB	97AB5200	290	114.0
84	180	FT DAVIS	97SA4515	911	112.1
85	31	ROBY	97AB3795	77	110.8
86	341	JAYTON	97AB6125	351	109.7
87	159	YELLOWJACKET	97SA5505	980	109.2
88	111	QUANAH	97AB3975	211	106.3
89	29	CROSS PLAINS	97AB2920	554	105.0
90	66	AB DYESS 2	97AB6335	350	104.9
91	112	SA AVENUE N	97SA1655	463	103.8
92	160	ELDORADO	97SA2880	338	103.0
93	232	SA NORTH	97SA3120	1,121	96.6
94	256	HAMLIN SHELL	97AB6330	24	96.5
95	124	CHILDRESS 69	97AB1800	549	96.3
96	214	FREISS RANCH	97SA4870	106	94.4
97	36	BAIRD	97AB5125	612	94.3
98	233	QUANAH	97AB100	105	94.2
99	158	ALPINE 12KV	97SA3160	1,046	91.7
100	172	ROBERT LEE	97SA4120	573	91.3
101	134	AB EAST 12KV	97AB4820	1,144	90.1
102	179	MORAN	97AB2108	348	88.5
103	383	SA CONCHO	97SA1725	30	87.5
104	72	NORTH MCCAMEY	97SA6560	428	86.5
105	40	SAND ROAD	97AB5195	254	84.6
106	266	CLYDE	97AB3635	740	82.5
107	289	AB SHELTON ST	97AB3145	1,072	82.3
108	88	INDIAN MESA	97SA2690	74	79.8
109	164	AB MAPLE ST	97AB5755	1,163	79.6
110	373	AB REBECCA LANE	97AB5555	1,112	79.4
111	149	WAGGONER	97AB5900	28	79.4
112	45	ONYX REA	97AB3260	149	79.2
113	141	MATADOR	97AB3090	245	79.1
114	310	ROBERT LEE	97SA4125	296	78.8
115	174	RULE	97AB3378	112	77.4
116	213	SARAGOSA	97SA1552	655	76.7
117	262	CISCO	97AB1685	229	66.0
118	38	BEN FICKLIN	97SA6175	657	63.6
119	291	HAWLEY	97AB4455	600	62.4
120	194	CISCO	97AB1680	786	60.8
121	69	PLASTERCO (MWEC)	97AB2720	120	60.4

Notes

new station, essentially replaced 97SA3755

Service Quality Report to the Public Utility Commission of Texas

AEP Texas North Company

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value	Notes
122	101	STAMFORD	97AB6255	422	59.1	
123	138	MORAN	97AB2107	238	59.1	
124	370	COLLEGE HILLS	97SA4835	437	58.8	
125	157	GONZALES	97SA15390	1,304	58.5	new station, essentially replaced 97SA4540
126	231	AB CANYON ROCK	97AB5035	871	58.4	
127	81	RANKIN	97SA5735	347	58.2	
128	218	AB SHELTON ST	97AB3050	639	58.1	
129	372	AB COUNTRY CLUB	97AB4730	522	58.0	
130	334	AB HARTFORD ST	97AB3690	171	58.0	
131	57	SA SOUTH	97SA3995	1,257	56.6	
132	229	RULE	97AB3396	457	55.7	
133	99	SA AVENUE N	97SA1730	806	55.1	
134	27	PUTNAM	97AB2131	122	55.1	
135	59	MERKEL	97AB1895	720	54.9	
136	307	AB REBECCA LANE	97AB5550	668	52.8	
137	356	TANKERSLY (CVEC)	97SA5265	11	52.4	
138	237	BEN FICKLIN	97SA6185	225	52.0	
139	173	HASKELL 12KV	97AB3770	450	51.9	
140	105	AB EAST 12KV	97AB4825	414	51.8	
141	203	STERLING CITY	97SA1445	799	51.1	
142	65	MUNDAY	97AB6715	244	50.3	
143	110	TWILIGHT TRAIL	97AB3150	639	49.7	
144	175	QUANAH	97AB1830	629	49.6	
145	342	COLLEGE HILLS	97SA5520	437	49.4	
146	324	AB SHELTON ST	97AB3660	641	49.0	
147	352	AB COUNTRY CLUB	97AB4725	191	48.9	
148	207	CROWELL	97AB3980	520	48.7	
149	95	PADUCAH CITY	97AB1935	289	48.6	
150	9	RISING STAR	97AB5080	540	47.5	
151	217	IRAAN	97SA4305	80	46.5	
152	90	CHILLICOTHE	97AB4525	128	46.4	
153	201	AB SHELTON ST	97AB3060	1,596	45.7	
154	19	TRENT	97AB4245	198	44.7	
155	52	SA MATHIS FIELD	97SA4790	142	44.5	
156	282	AB OVER STREET 12KV	97AB1635	517	44.2	
157	62	BIG LAKE	97SA4665	413	44.2	
158	96	HASKELL 12KV	97AB5240	645	43.4	
159	49	SPUR	97AB5170	330	43.4	
160	177	HASKELL 12KV	97AB3495	808	42.4	
161	244	VERNON	97AB4275	606	42.1	
162	234	AB MCMURRY	97AB3240	748	42.0	
163	129	CEDAR GAP (TEC)	97AB4115	265	41.9	
164	17	SPUDDER FLAT	97SA4175	51	41.2	
165	121	RANKIN	97SA6405	149	41.1	
166	165	PECAN BAYOU	97AB6810	413	40.6	
167	162	ASPERMONT	97AB3380	758	40.2	
168	315	AB MCMURRY	97AB4510	825	40.2	
169	51	TURKEY	97AB2980	332	39.3	
170	22	MESA VIEW	97SA7045	104	39.3	
171	145	AFTON	97AB2310	262	39.1	
172	345	ALBANY	97AB3540	600	38.0	
173	293	SAND ROAD	97AB5655	622	37.9	
174	245	OZONA	97SA4185	1,285	37.9	
175	189	AB HARTFORD ST	97AB3815	1,117	37.9	
176	47	YELLOW JACKET	97SA7935	380	37.0	new station, essentially replaced 97SA3760
177	354	SA SOUTHLAND HILLS	97SA5055	816	37.0	
178	167	CHRISTOVAL	97SA6620	535	36.1	
179	131	AB OIL MILL	97AB3900	721	36.0	
180	76	CHILLICOTHE	97AB4530	517	35.9	
181	70	ALPINE 12KV	97SA3155	1,058	34.5	
182	235	AB REBECCA LANE	97AB2710	247	34.1	
183	26	SPUR	97AB417	239	33.6	replaced 97AB411
184	98	STAMFORD	97AB2835	137	33.2	

Service Quality Report to the Public Utility Commission of Texas

**AEP Texas North Company**

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value
185	136	BENJAMIN (BEPC)	97AB5680	177	33.2
186	304	TWILIGHT TRAIL	97AB4285	1,155	31.5
187	216	WOODSON OIL FIELD	97AB30	35	30.5
188	170	GONZALES	97SA14685	980	30.0
189	34	ROCHESTER	97AB3290	94	30.0
190	325	SA JACKSON ST	97SA4250	294	29.7
191	350	SA EMERSON ST	97SA4630	1,207	29.5
192	306	AB RAINEY CREEK	97AB4270	1,340	29.3
193	63	AFTON	97AB2355	48	29.3
194	24	CHERRY CREEK TAP	97SA5245	24	28.7
195	336	ROTAN	97AB1865	194	27.6
196	209	PUTNAM	97AB2129	212	27.4
197	363	SA EMERSON ST	97SA4625	440	27.3
198	255	SONORA	97SA2045	647	27.3
199	242	SA WALNUT ST	97SA4635	1,488	27.0
200	161	TUSCOLA	97AB3730	1,177	26.7
201	92	STAMFORD	97AB2815	721	26.1
202	142	HUMBLE KEMPER	97SA1490	20	26.0
203	374	SA EMERSON ST	97SA4860	244	25.5
204	114	SA MATHIS FIELD	97SA5100	225	25.5
205	328	HAMLIN	97AB3775	283	25.0
206	260	SA JACKSON ST	97SA4260	664	25.0
207	135	SA GRAPE CREEK	97SA4700	694	24.3
208	4	SPUDDER FLAT	97SA4180	55	24.2
209	389	VALERA HUMBLE	97SA7015	84	23.6
210	32	CHILDRESS 69	97AB4865	763	23.6
211	97	AB VOGEL ST	97AB4405	565	23.4
212	297	SILVER	97SA5305	16	23.4
213	125	CROWELL	97AB3490	181	23.2
214	230	AB MCMURRY	97AB4350	707	23.1
215	39	BRADSHAW (CLIMAX)	97AB11301	46	22.5
216	166	SA SOUTH	97SA4795	1,068	21.9
217	78	MILES	97SA4670	499	21.9
218	178	ABILENE PLANT	97AB1570	671	21.4
219	169	AB ELM CREEK	97AB4775	864	21.2
220	323	AB EAST 12KV	97AB5760	209	21.1
221	273	AB VOGEL ST	97AB4560	1,442	20.8
222	118	TWILIGHT TRAIL	97AB4290	823	20.6
223	191	CORINTH	97AB2590	13	20.2
224	215	ALPINE 12KV	97SA6825	1,816	19.9
225	102	ESPY WELLS	97SA5522	28	19.9
226	204	MERTZON (CVEC)	97SA2905	573	19.9
227	108	SA LAKE DR	97SA5880	798	19.4
228	240	CEDAR GAP (TEC)	97AB5445	226	19.2
229	227	SA SOUTHLAND HILLS	97SA5050	889	18.7
230	56	ABILENE PLANT	97AB1565	288	18.4
231	152	COLLEGE HILLS	97SA6145	732	18.1
232	257	ALPINE 12KV	97SA6820	736	18.0
233	284	BIG LAKE	97SA4655	1,206	17.9
234	228	WYLIE	97AB6340	681	17.9
235	140	QUANAH	97AB3100	580	17.6
236	265	THROCKMORTON	97AB3190	633	17.5
237	239	AB OVER STREET 12KV	97AB1840	869	17.1
238	219	AB MAPLE ST	97AB5750	404	16.8
239	25	SPUR	97AB414	237	16.6
240	137	AB ELM CREEK	97AB1815	371	16.6
241	212	AB VOGEL ST	97AB4410	762	16.5
242	143	AB ELM CREEK	97AB1810	839	16.3
243	316	MUNDAY	97AB2080	483	15.7
244	86	TRUSCOTT	97AB3845	36	15.6
245	50	OZONA	97SA3555	135	15.4
246	386	COLLEGE HILLS	97SA4845	191	15.3
247	258	AB WALNUT ST	97AB3110	1,099	15.2

Notes

new station, essentially replaced 97SA6135

Service Quality Report to the Public Utility Commission of Texas

**AEP Texas North Company**

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value	Notes
248	379	PAULANN	97SA6310	862	15.1	
249	15	MUNDAY REA (BKEC)	97AB2015	34	14.6	
250	250	VERNON CITY PLANT	97AB5775	829	14.5	
251	376	AB SHELTON ST	97AB3435	309	14.5	
252	270	BLUFFS	97SA9110	368	14.3	
253	85	WYLIE	97AB2665	1,166	14.3	
254	197	TWILIGHT TRAIL	97AB5855	1,423	14.3	
255	362	AB SHELTON ST	97AB3045	524	14.3	
256	100	ROARING SPRINGS	97AB6155	30	14.3	
257	326	SAND ROAD	97AB5290	828	14.2	
258	321	AB HARTFORD ST	97AB3820	904	14.2	
259	222	ALBANY	97AB3640	310	14.2	
260	192	AB OVER STREET 12KV	97AB1645	770	14.1	
261	206	SA GRAPE CREEK	97SA5365	730	13.8	
262	317	CISCO	97AB1675	863	13.7	
263	278	AILEEN	97AB6435	673	13.7	
264	116	PADUCAH CITY	97AB1930	608	13.6	
265	200	FT CHADBOURNE	97SA6515	79	13.5	
266	107	ANSON REA (SEC)	97AB5215	295	13.5	
267	263	AB REBECCA LANE	97AB6915	981	13.4	
268	303	AB DYESS 1	97AB1775	610	13.2	
269	48	CROSS PLAINS	97AB1795	424	13.2	
270	115	RANKIN	97SA6400	143	13.1	
271	184	AB CANYON ROCK	97AB5030	854	13.1	
272	60	AB ELM CREEK	97AB1820	92	12.9	
273	208	HAMLIN	97AB3270	928	12.8	
274	251	SA COKE ST	97SA4910	1,562	12.7	
275	75	PAULANN	97SA6285	42	12.3	
276	312	AB EAST 12KV	97AB4830	608	12.2	
277	347	SAND ROAD	97AB5295	534	12.1	
278	272	AB ELMDALE	97AB4520	211	12.0	
279	280	SA COKE ST	97SA3905	663	11.9	
280	311	MERTZON (CVEC)	97SA1530	319	11.6	
281	294	SA JACKSON ST	97SA4685	1,397	11.5	
282	156	SA SOUTHLAND HILLS	97SA5455	1,121	11.4	
283	288	SA NORTH	97SA3130	220	11.4	
284	320	SA SOUTH	97SA2595	910	11.4	
285	253	SA LAKE DR	97SA6030	602	10.8	
286	385	SONORA ATLANTIC (SWTEC)	97SA4415	24	10.2	
287	344	AB MCMURRY	97AB3235	831	9.9	
288	285	SA CONCHO	97SA1715	305	9.6	
289	221	ANSON 12KV	97AB6630	683	9.5	
290	368	PAINT ROCK	97SA5235	182	9.5	
291	190	PECAN BAYOU	97AB6815	1,469	9.4	
292	223	SA JACKSON ST	97SA4690	1,208	9.2	
293	80	SA SOUTH	97SA4255	818	9.2	
294	84	SA AVENUE N	97SA1695	1,403	8.7	
295	279	WYLIE	97AB2675	749	8.6	
296	377	SA CONCHO	97SA1700	483	8.6	
297	238	VERNON	97AB1520	768	8.5	
298	120	CLYDE	97AB3630	545	8.2	
299	79	HIGHLAND	97SA6385	1,405	8.1	
300	247	HIGHLAND	97SA6370	512	8.0	
301	155	AB HARTFORD ST	97AB3685	361	8.0	
302	264	KNOX CITY	97AB3390	373	7.9	
303	126	MERKEL	97AB1890	593	7.9	
304	267	AB ELM CREEK	97AB4780	499	7.6	
305	41	BAIRD	97AB5120	446	7.6	
306	327	SA WALNUT ST	97SA3925	874	7.5	
307	236	VERNON	97AB5000	252	7.4	
308	309	AB MCMURRY	97AB4360	1,110	7.4	
309	365	AB OIL MILL	97AB3895	130	7.3	
310	133	SA NORTH	97SA3125	1,052	7.2	

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**AEP Texas North Company**

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value	Notes
311	139	ALBANY	97AB3655	625	7.1	
312	199	SA JACKSON ST	97SA4265	958	7.1	
313	358	MUNDAY	97AB3365	373	7.1	
314	292	AILEEN	97AB4605	620	7.0	
315	340	BALLINGER	97SA4375	1,061	6.9	
316	104	CLYDE	97AB1755	117	6.6	
317	73	STAMFORD	97AB4565	845	6.6	
318	147	ROTAN	97AB1860	731	6.5	
319	220	SA NORTH	97SA3115	537	6.4	
320	16	KNOX CITY	97AB3985	23	6.4	
321	276	SA WALNUT ST	97SA3920	865	6.1	
322	268	CLYDE	97AB1760	395	6.1	
323	176	AB ELM CREEK	97AB4745	934	6.0	
324	117	BLUFFS	97SA7280	1,121	5.7	
325	181	AB ELM CREEK	97AB1825	222	5.7	
326	113	CHILDRESS 20TH ST	97AB5725	668	5.6	
327	329	CHILDRESS 69	97AB2800	343	5.6	
328	330	WEINERT	97AB6490	128	5.4	
329	259	ROCHESTER	97AB3295	249	5.4	
330	93	AB RAINEY CREEK	97AB4220	190	5.2	
331	331	SA JACKSON ST	97SA4695	553	5.2	
332	226	PEACOCK	97AB1375	45	5.1	
333	375	ROWENA	97SA4480	218	5.1	
334	300	MELVIN	97SA4955	134	5.0	
335	308	SA SOUTH	97SA3990	715	4.9	
336	202	ABILENE PLANT	97AB1575	599	4.8	
337	355	AB SHELTON ST	97AB4640	653	4.8	
338	58	SONORA 138 SUB	97SA4810	931	4.7	
339	302	AB OIL MILL	97AB2780	726	4.7	
340	349	BALLINGER	97SA4370	823	4.6	
341	299	BRONTE	97SA3590	173	4.4	
342	224	AB OVER STREET 12KV	97AB3140	629	4.3	
343	252	AB VOGEL ST	97AB4650	803	4.0	
344	283	BRONTE	97SA4160	222	3.8	
345	77	VERNON	97AB1750	256	3.7	
346	241	ABILENE PLANT	97AB1915	63	3.4	
347	346	QUANAH	97AB3530	362	3.4	
348	246	KNOX CITY	97AB3300	491	3.4	
349	296	ONYX REA	97AB3255	28	3.4	
350	361	AB WALNUT ST	97AB3445	90	3.3	
351	123	VERNON	97AB3340	563	3.3	
352	343	GIRARD	97AB6260	44	3.0	
353	301	ANSON 12KV	97AB6635	411	2.9	
354	339	EDEN	97SA3195	505	2.9	
355	61	SONORA 138 SUB	97SA4805	477	2.9	
356	382	AILEEN	97AB4600	249	2.9	
357	198	ABILENE PLANT	97AB1910	288	2.6	
358	314	AB MCMURRY	97AB4355	998	2.5	
359	274	HIGHLAND	97SA6380	431	2.2	
360	89	CHILDRESS 20TH ST	97AB5720	177	2.1	
361	298	AB WALNUT ST	97AB3785	510	2.1	
362	127	AB SHELTON ST	97AB3040	177	2.1	
363	23	EDITH HUMBLE	97SA6170	99	1.9	
364	313	EDEN	97SA1780	247	1.9	
365	333	SA SOUTHLAND HILLS	97SA5860	1,146	1.7	
366	275	FT CHADBOURNE	97SA6520	526	1.6	
367	351	AB COUNTRY CLUB	97AB4735	114	1.4	
368	168	GRAYBACK	97AB3315	42	1.3	
369	287	HAROLD	97AB3055	25	1.1	
370	150	SA CONCHO	97SA3325	52	1.1	
371	46	SA AVENUE N	97SA1975	323	1.0	
372	366	SA WALNUT ST	97SA3915	795	1.0	
373	348	ABILENE PLANT	97AB3175	105	0.9	



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2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value	Notes
374	369	HIGHLAND	97SA6375	242	0.6	
375	271	VERNON CITY PLANT	97AB5770	111	0.4	
376	359	COLLEGE HILLS	97SA4840	234	0.1	
377	371	SA WALNUT ST	97SA3910	150	0.1	
378	211	SWENSON	97AB136	30	-	
379	55	HAROLD	97AB1495	20	-	
380	249	ABILENE PLANT	97AB1735	78	-	
381	205	ABILENE PLANT	97AB1740	28	-	
382	367	AB WALNUT ST	97AB3250	13	-	
383	381	AB ELMDALE	97AB4085	39	-	
384	364	AB CANYON ROCK	97AB5025	51	-	
385	384	BLUFFS	97SA3005	128	-	
386	378	SA SOUTH	97SA3500	256	-	
387	387	SA COKE ST	97SA4915	20	-	
388	109	TALPA ATLANTIC	97SA5180	64	-	
389	353	COLLEGE HILLS	97SA5515	345	-	
390	8	BOBCAT HILLS	97SA6655	21	-	
391	64	CROCKETT HEIGHTS	97SA73703	82	-	

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

2009 SAIDI Ranking	Substation Identification	Feeder Identification	Reason not in 2010
26	SPUR	97AB411	replaced by 97AB417
159	MENARD	97SA3755	retired substation, essentially replaced by 97SA5505
47	MENARD	97SA3760	retired substation, essentially replaced by 97SA7935
157	PRESIDIO	97SA4540	retired substation, essentially replaced by 97SA15390
144	PONDER KENNEDY	97SA5105	replaced by 97SA50208
170	PRESIDIO	97SA6135	retired substation, essentially replaced by 97SA14685

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**AEP Texas North Company**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2010 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Animals and Birds	14.0 %
People (including cars and farm eqpt)	2.3 %
Unknown	14.8 %
Utility-Owned Equipment	23.7 %
Vegetation	15.6 %
Weather (including lightning)	29.6 %
Other	0.1 %