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AEP Texas North Company  
400 West 15th Street, Suite 650  
Austin, TX 78701  
aep.com

February 16, 2005

Mr. Larry Reed  
Electric Division, Commission Staff  
Public Utility Commission of Texas  
1701 N. Congress  
Austin, TX 78711

Dear Mr. Reed,

Attached please find the Reliability and Continuity of Service Report for the reporting year 2004 for AEP Texas North Company (TNC and formerly known as West Texas Utilities Company). This report is filed in accordance with Substantive Rule Section 25.81, Project 30613. I was working on exceptions to the PFD in Docket No. 25157 that relates to the service quality reports for TNC yesterday and failed to get the attached filed before the end of the day. I apologize for the filing being a day late.

Sincerely,

Randal E. Roper  
Regulatory Case Manager, AEP Texas Regulatory Services

Attachment

**§25.52. -- Reliability and Continuity of Service.**

<http://www.puc.state.tx.us/rules/subrules/electric/25.52/25.52.doc>

**Application.** This section applies to all electric utilities as defined by the Public Utility Regulatory Act (PURA) §31.002(6) and all transmission and distribution utilities as defined by PURA §31.002(19). The term "utility" as used in this section shall mean an electric utility and a transmission and distribution utility.

**Public Utility Regulatory Act §31.002**

<http://www.puc.state.tx.us/rules/statutes/index.cfm>

**DEFINITIONS.**

The term "Electric utility" does not include a municipally owned utility or an electric cooperative.

Information typed in highlighted cells will appear on following sheets.

	Type Name of Utility in the Cell Below
<b>Utility:</b>	<b>AEP Texas North Company</b>
	Type Total Number of Distribution Feeders in the Cell Below
<b>Feeders:</b>	<b>401</b>
<b>Due:</b>	<b>February 15, 2005</b>
<b>File:</b>	<b>Five Printed Copies and One Electronic Copy of This Excel File</b>
<b>Project:</b>	<b>30613</b>
<b>Address:</b>	<b>Attn: Filing Clerk Public Utility Commission of Texas P.O. Box 13326 Austin, Texas 78711-3326</b>

If you have any questions, please contact:

	Larry Reed
	Electric Division
	Commission Staff
Voice:	512 936 7357
Fax:	512 936 7428
E-mail:	<u><a href="mailto:larry.reed@puc.state.tx.us">mailto:larry.reed@puc.state.tx.us</a></u>

**Service Quality Report**  
**To The**  
**Public Utility Commission of Texas**  
**In Accordance With**  
**Substantive Rule §25.81**  
**2004 Reporting Year**

**AEP Texas North Company**

**Project 30613**

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2004	0.67	0.05	0.02	0.04	0.05	0.06	0.14	0.08	0.08	0.03	0.05	0.04	0.04
Scheduled													
2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes													
2004	0.41	0.04	0.02	0.02	0.03	0.04	0.10	0.02	0.04	0.02	0.03	0.01	0.03
Major Events													
2004	0.16	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
With Storms	1.08												
Without Storms	1.25												

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2004	56.3	2.9	1.7	2.3	2.8	4.1	12.4	4.7	13.2	3.5	4.7	2.2	1.9
Scheduled													
2004	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Outside Causes													
2004	30.8	1.8	0.7	0.9	2.2	6.0	11.4	1.1	2.0	0.7	1.9	1.1	1.1
Major Events													
2004	16.1	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

With Storms 87.3  
Without Storms 103.4

# 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

401

Add or Delete Rows as Necessary

**AEP Texas North Company**

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
1	112	RIO PECOS	513	42	9.17
2	17	RIO PECOS	3835	152	8.24
3	1	MCCAMEY	2415	148	5.72
4	2	PECOS VALLEY	4080	83	5.41
5	127	MEMPHIS	3335	961	5.06
6	26	MESA VIEW	7045	160	4.30
7	157	SA GRAPE CREEK	5365	140	3.88
8	185	HUMBLE KEMPER	1490	18	3.83
9	41	AB RAINEY CREEK	4550	507	3.66
10	15	MASTERTON FIELD	2101	177	3.66
11	83	AB ELMDALE	4520	53	3.49
12	223	ASPR CONTINENTAL	3830	12	3.17
13	140	AFTON	2310	273	3.12
14	369	HIGHLAND	6375	199	3.09
15	283	MEMPHIS	3025	396	3.06
16	344	QUANAH	3100	766	3.01
17	11	RANKIN	5735	18	2.94
18	215	VALENTINE	5590	749	2.84
19	171	CROSS PLAINS	1795	588	2.80
20	40	MUNDAY	6715	243	2.73
21	14	OZONA	3555	34	2.65
22	74	MCELROY	5165	173	2.62
23	176	COLLEGE HILLS	4845	377	2.56
24	132	QUANAH	100	49	2.55
25	114	SPUDDER FLAT	4175	63	2.48
26	84	SA COKE ST	3905	122	2.48
27	89	CROSS PLAINS	2915	542	2.44
28	38	AB OVER STREET 12KV	1635	339	2.43
29	288	ABILENE PLANT	1575	283	2.39
30	327	AB RAINEY CREEK	4225	231	2.29
31	35	SPUDDER FLAT	4180	69	2.29
32	37	CLARENDON	4040	718	2.29
33	50	HASKELL 12KV	3770	591	2.23
34	8	MCCAMEY	2830	1,030	2.19
35	56	AB COUNTRY CLUB	4730	191	2.18
36	63	SA WALNUT ST	3915	555	2.16
37	356	SUN VALLEY	4300	98	2.14
38	163	ALBANY	3540	550	2.14
39	255	SARAGOSA	1552	833	2.11
40	228	AB VOGEL ST	4560	431	2.10
41	81	ELDORADO	2880	111	2.10
42	143	MUNDAY	2080	732	2.09
43	65	AFTON	2225	59	2.08

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
44	366	PLASTERCO (MWEC)	2720	194	2.06
45	46	CHILLICOTHE	4530	553	2.05
46	347	HAROLD	1495	39	2.05
47	358	ALPINE 12KV	6820	720	2.03
48	10	SHAFTER	50803	64	2.02
49	93	COLLEGE HILLS	4840	541	1.96
50	162	FLOMOT	4089	79	1.85
51	202	HEDLEY	5870	83	1.84
52	319	AB RAINEY CREEK	4220	125	1.72
53	198	ALPINE 12KV	3155	1,472	1.59
54	269	AB MCMURRY	3245	840	1.56
55	257	HIGHLAND	6370	586	1.55
56	160	CROSS PLAINS	2920	540	1.54
57	212	TANKERSLY (CVEC)	5260	728	1.53
58	318	ABILENE PLANT	1570	265	1.51
59	64	STAMFORD PUMP	3930	37	1.49
60	43	SA JACKSON ST	4690	429	1.46
61	168	RISING STAR	5075	431	1.46
62	175	RISING STAR	5080	675	1.43
63	131	ONYX REA	3260	98	1.41
64	268	ROWENA	4480	143	1.38
65	361	SANTA ANNA	3415	507	1.37
66	178	CISCO	1680	543	1.35
67	73	CHILLICOTHE	4525	548	1.35
68	181	AB COUNTRY CLUB	4855	287	1.34
69	166	ESTELLINE	3535	115	1.31
70	265	BALLINGER	4370	906	1.30
71	254	SA COKE ST	4910	1,001	1.30
72	19	AB HARTFORD ST	3815	643	1.29
73	236	CISCO	1675	854	1.27
74	172	SA GRAPE CREEK	4700	1,051	1.26
75	44	BRONTE	3590	192	1.26
76	80	ALBANY	3640	296	1.25
77	232	SA SOUTHLAND HILLS	5055	595	1.25
78	5	MIDWAY LANE	3440	91	1.24
79	155	AB VOGEL ST	4410	311	1.24
80	199	TRENT	2850	17	1.24
81	247	HAMLIN	3775	336	1.23
82	240	VERHALEN	4465	23	1.22
83	329	WYLIE	2665	855	1.22
84	324	AB DYESS 1	1775	284	1.20
85	343	PRESIDIO	4540	1,399	1.20
86	4	MCCAMEY	2855	117	1.20
87	55	AB DYESS 2	6335	352	1.19
88	281	ASPR CONTINENTAL	4800	27	1.19
89	3	TEXON	4345	142	1.18
90	156	ALPINE 12KV	6825	1,624	1.18
91	66	ELDORADO	1845	1,127	1.17

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
92	67	CAREY	6115	116	1.16
93	305	MERKEL	1890	572	1.16
94	372	COLLEGE HILLS	4835	316	1.16
95	117	MERKEL	1895	767	1.16
96	290	HAMLIN	3270	1,008	1.16
97	29	SONORA	2045	843	1.15
98	82	CHILDRESS 69	1480	404	1.15
99	13	PRESIDIO	6135	1,112	1.15
100	105	SHAMROCK	144	498	1.15
101	86	TURKEY	3825	342	1.15
102	323	SA JACKSON ST	4265	1,215	1.14
103	183	CISCO	1690	968	1.14
104	229	CHILDRESS 69	1800	426	1.14
105	101	PECAN BAYOU	6815	1,140	1.14
106	58	ROCHESTER	3290	62	1.13
107	91	ALPINE 12KV	3875	522	1.13
108	331	WYLIE	6340	1,217	1.12
109	345	BARNHART	3725	117	1.12
110	321	WYLIE	2675	845	1.12
111	353	AB RAINEY CREEK	4270	749	1.12
112	125	MENARD	3760	580	1.12
113	59	SPUR	417	95	1.11
114	113	AB OVER STREET 12KV	1840	784	1.10
115	99	ASPERMONT	3380	743	1.10
116	221	SA WALNUT ST	4635	1,499	1.10
117	230	MARFA	1905	735	1.10
118	47	JUNCTION	4340	943	1.09
119	69	AB COUNTRY CLUB	4725	143	1.09
120	90	MENARD	3755	936	1.09
121	75	AB SHELTON ST	3660	569	1.09
122	311	CHILDRESS 69	4865	847	1.09
123	70	SPUR	411	265	1.08
124	68	SPUR	414	265	1.08
125	62	DUNEFIELD (N CRANE)	3885	55	1.07
126	128	ROCHESTER	3295	268	1.07
127	189	CISCO	1685	183	1.07
128	309	CHILDRESS 69	2800	676	1.07
129	179	SARAGOSA	1590	17	1.06
130	231	ROTAN	1860	669	1.06
131	116	MELVIN	4955	157	1.06
132	85	AB ELM CREEK	4780	556	1.06
133	301	SA JACKSON ST	4260	733	1.05
134	224	POWELL FIELD	2528	37	1.05
135	98	COLLEGE HILLS	6145	522	1.05
136	259	SANTA ANNA	3420	281	1.05
137	303	ROTAN	1865	343	1.05
138	338	AB ELM CREEK	4775	566	1.05
139	340	HEDLEY	5845	305	1.05

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
140	141	BENJAMIN (BEPC)	5680	169	1.05
141	25	JUNCTION	4335	643	1.05
142	87	BUSH KNOB	5200	272	1.04
143	121	MUNDAY	3365	427	1.04
144	373	AB ELM CREEK	1810	1,376	1.04
145	379	ABILENE PLANT	1910	735	1.04
146	371	SA WALNUT ST	3910	514	1.03
147	284	SHEFFIELD	6430	220	1.03
148	308	AB ELM CREEK	4745	687	1.03
149	298	JAYTON	6125	364	1.02
150	211	TALPA ATLANTIC	5180	86	1.02
151	310	SA LAKE DR	6030	1,012	1.02
152	325	ANSON 12KV	6635	558	1.01
153	272	SA JACKSON ST	4250	226	1.01
154	335	AB COUNTRY CLUB	4735	478	1.01
155	150	SA COKE ST	4915	208	1.00
156	389	ABILENE PLANT	1740	174	1.00
157	new	ELDORADO	5310	65	1.00
158	new	SA CONCHO	3325	20	0.97
159	170	MORAN	2108	192	0.97
160	57	CHRISTOVAL	6620	466	0.92
161	184	CHERRY CREEK TAP	5245	12	0.83
162	195	HIGHLAND	6385	773	0.82
163	12	BOBCAT HILLS	6655	11	0.73
164	252	SA WALNUT ST	3920	283	0.72
165	234	CROWELL	3490	49	0.69
166	97	WOODSON OIL FIELD	30	38	0.68
167	21	CLYDE	1755	106	0.66
168	42	INDIAN MESA	2695	159	0.66
169	213	RULE	3378	128	0.60
170	386	AB ELM CREEK	1820	33	0.58
171	197	STERLING CITY	1445	752	0.55
172	48	PECAN BAYOU	6810	620	0.53
173	217	STAMFORD	6255	503	0.51
174	326	MORAN	2107	404	0.51
175	164	PERKINS PROTHO	3180	19	0.47
176	6	MCCAMEY	2420	141	0.45
177	92	RULE	3396	479	0.45
178	241	PEACOCK	43	47	0.45
179	196	AB MCMURRY	3240	302	0.44
180	279	ALPINE 12KV	3160	1,259	0.44
181	180	BRADY	5015	213	0.43
182	188	STAMFORD	2815	691	0.43
183	219	QUANAH	3975	145	0.42
184	263	FT DAVIS	3345	477	0.42
185	177	SA EMERSON ST	4630	392	0.41
186	208	TRENT	4245	275	0.41
187	394	CORINTH	2590	27	0.41

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
188	23	CLYDE	1760	348	0.41
189	276	TUSCOLA	3730	700	0.40
190	111	TWILIGHT TRAIL	5855	574	0.38
191	161	VALERA HUMBLE	7015	92	0.37
192	107	BALLINGER	4395	455	0.37
193	225	MARFA	1900	821	0.36
194	201	SA NORTH	3115	225	0.36
195	129	FT DAVIS	4515	889	0.34
196	316	SA AVENUE N	1730	782	0.34
197	190	SA SOUTHLAND HILLS	5860	150	0.34
198	206	POWELL FIELD	2529	15	0.33
199	287	AB SHELTON ST	3040	385	0.33
200	16	CLYDE	3635	540	0.33
201	296	SA SOUTH	3995	583	0.33
202	239	MERTZON (CVEC)	2905	221	0.33
203	246	VERNON	1750	92	0.32
204	130	KNOX CITY	3985	16	0.31
205	159	PECOS VALLEY	4075	20	0.30
206	350	BIG LAKE	4665	424	0.29
207	133	SONORA 138 SUB	4805	591	0.29
208	216	AB MAPLE ST	5750	98	0.29
209	295	SA CONCHO	1725	32	0.28
210	134	PUTNAM	2129	211	0.27
211	330	SA CONCHO	1700	205	0.27
212	45	BEN FICKLIN	6175	432	0.27
213	267	SA AVENUE N	1655	575	0.27
214	341	AB SHELTON ST	3045	446	0.27
215	77	INDIAN MESA	2690	79	0.24
216	36	AB HARTFORD ST	3685	232	0.23
217	264	OZONA	4185	1,137	0.23
218	108	AB EAST 12KV	4825	529	0.22
219	109	AB CANYON ROCK	5035	650	0.22
220	173	THROCKMORTON	2090	55	0.22
221	158	ALBANY	2029	211	0.22
222	243	HAWLEY	4455	581	0.22
223	280	ABILENE PLANT	1565	269	0.21
224	312	PADUCAH CITY	1935	402	0.21
225	203	AB CANYON ROCK	5030	409	0.21
226	222	ACME BESTWALL	4150	24	0.21
227	100	ROARING SPRINGS	6155	24	0.21
228	169	FREISS RANCH	4870	59	0.20
229	194	SA NORTH	3120	1,094	0.20
230	187	ROUNDTOP	4490	51	0.20
231	154	AB MCMURRY	3235	339	0.19
232	28	AB OVER STREET 12KV	1645	478	0.18
233	256	AB ELM CREEK	5045	575	0.18
234	94	AB REBECCA LANE	5550	570	0.18
235	167	SA SOUTH	4795	219	0.18

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
236	60	BRONTE	3560	279	0.17
237	271	HASKELL 12KV	3495	1,125	0.17
238	210	ANSON REA (SEC)	5215	468	0.17
239	382	ROBY	2276	334	0.16
240	299	BIG LAKE	4655	1,175	0.16
241	204	AB WALNUT ST	3110	576	0.16
242	191	CLARENDON	5005	724	0.15
243	200	FT CHADBOURNE	6515	74	0.15
244	78	TURKEY	2980	361	0.14
245	266	SA EMERSON ST	4620	972	0.14
246	76	SA SOUTH	2595	356	0.14
247	146	AFTON	2355	49	0.14
248	49	SA AVENUE N	1695	1,255	0.14
249	227	KNOX CITY	3390	228	0.14
250	88	WELLINGTON	1770	222	0.14
251	233	SA SOUTHLAND HILLS	5455	660	0.13
252	137	AB MAPLE ST	5755	696	0.13
253	346	GIRARD	6260	39	0.13
254	354	HIGHLAND	6380	2,250	0.13
255	248	PADUCAH CITY	1930	528	0.13
256	205	SHAMROCK	148	1,043	0.12
257	115	THROCKMORTON	3190	674	0.12
258	270	CHRISTOVAL	6615	848	0.12
259	54	SWENSON	136	33	0.12
260	339	BALLINGER	4375	1,217	0.12
261	258	ROBY	3795	84	0.12
262	186	WINTERS	3765	1,106	0.12
263	34	AB HARTFORD ST	3820	1,361	0.12
264	18	CLYDE	3630	314	0.11
265	286	SA SOUTH	3990	336	0.11
266	387	AB ELMDALE	4085	18	0.11
267	314	SA NORTH	3125	1,600	0.11
268	261	WINTERS	2113	973	0.11
269	349	MATADOR	3090	254	0.11
270	332	WEINERT	6490	132	0.11
271	218	AB SHELTON ST	3060	1,623	0.11
272	52	SONORA 138 SUB	4810	874	0.10
273	110	IRAAN	2055	368	0.10
274	337	AB VOGEL ST	4405	672	0.10
275	220	FT CHADBOURNE	6520	423	0.10
276	249	SAND ROAD	5655	699	0.10
277	165	ALBANY	3655	634	0.10
278	106	PAULANN	6280	717	0.10
279	375	AB REBECCA LANE	6915	948	0.10
280	336	AB MCMURRY	4360	1,198	0.10
281	120	SA AVENUE N	1975	461	0.10
282	22	VERNON	4275	670	0.10
283	274	AB OIL MILL	2780	431	0.10

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
284	24	STAMFORD	4565	937	0.09
285	39	SA MATHIS FIELD	4790	33	0.09
286	138	BEN FICKLIN	6180	1,280	0.09
287	96	QUANAH	1830	563	0.09
288	149	VERNON	5000	485	0.09
289	313	BAIRD	5120	409	0.09
290	315	SA SOUTHLAND HILLS	5050	834	0.09
291	124	TUSCOLA	3305	982	0.08
292	297	ROBERT LEE	4125	723	0.08
293	145	AB SHELTON ST	4640	738	0.08
294	253	ROBERT LEE	4120	302	0.08
295	378	SA SOUTH	4255	182	0.08
296	226	SA GRAPE CREEK	5220	742	0.08
297	235	VERNON	1520	782	0.08
298	126	MCCAMEY	3670	484	0.08
299	7	SA LAKE DR	5865	1,194	0.08
300	104	AB OVER STREET 12KV	3140	553	0.08
301	398	HASKELL 12KV	5240	421	0.08
302	365	TWILIGHT TRAIL	4285	1,328	0.08
303	289	AB EAST 12KV	4830	752	0.08
304	209	AB HARTFORD ST	3690	162	0.07
305	317	SAND ROAD	5295	405	0.07
306	275	EOLA	4950	249	0.07
307	30	SAND ROAD	5290	714	0.07
308	364	CROWELL	3980	722	0.07
309	242	AILEEN	6435	470	0.07
310	20	BRONTE AMBASSADOR	6650	31	0.06
311	362	SHAMROCK	1835	71	0.06
312	384	AB MCMURRY	4350	1,086	0.06
313	334	AB SHELTON ST	3145	882	0.06
314	291	SAND ROAD	5195	613	0.05
315	95	AB OIL MILL	3900	617	0.05
316	251	OZONA	3810	854	0.05
317	51	AB REBECCA LANE	2710	287	0.05
318	214	WAGGONER	5900	39	0.05
319	278	SA NORTH	3130	398	0.05
320	244	KNOX CITY	3300	599	0.05
321	237	MILES	4670	501	0.05
322	153	PUTNAM	2131	185	0.05
323	142	AB VOGEL ST	4650	961	0.05
324	282	RANKIN	6400	297	0.05
325	102	MERTZON (CVEC)	1530	668	0.05
326	72	WELLINGTON	3700	611	0.05
327	79	HAMLIN SHELL	6330	22	0.05
328	302	VERNON	3340	368	0.04
329	245	EDITH HUMBLE	6170	117	0.04
330	174	MATADOR	3030	517	0.04
331	322	AB MCMURRY	4510	708	0.04

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
332	355	SA CONCHO	1715	292	0.04
333	277	MUNDAY REA (BKEC)	2015	53	0.04
334	285	TWILIGHT TRAIL	4290	1,657	0.04
335	306	SA CONCHO	1705	299	0.04
336	32	VERNON CITY PLANT	5770	368	0.04
337	192	AB EAST 12KV	4820	454	0.04
338	118	IRAAN	2050	455	0.04
339	381	AB SHELTON ST	3435	320	0.03
340	193	COLLEGE HILLS	5515	216	0.03
341	53	SA MATHIS FIELD	5100	251	0.03
342	260	PAINT ROCK	5235	197	0.03
343	71	SA JACKSON ST	4685	2,908	0.03
344	352	AB ELM CREEK	1815	479	0.03
345	27	VERNON CITY PLANT	5780	689	0.03
346	307	AB MCMURRY	4355	1,114	0.03
347	388	AB WALNUT ST	3445	752	0.03
348	136	BAIRD	5125	647	0.03
349	103	CHILDRESS 20TH ST	5725	658	0.03
350	342	KIRKLAND	3545	37	0.03
351	182	AB CANYON ROCK	5025	38	0.03
352	273	CEDAR GAP (TEC)	4115	38	0.03
353	351	GRAYBACK	3315	304	0.03
354	380	AB REBECCA LANE	5555	951	0.03
355	123	WELLINGTON	1765	812	0.03
356	292	AB SHELTON ST	3050	1,206	0.02
357	348	BRADSHAW (CLIMAX)	11301	41	0.02
358	135	BRONTE	4160	209	0.02
359	61	SA JACKSON ST	4695	259	0.02
360	360	AILEEN	4605	394	0.02
361	119	IRAAN	4305	45	0.02
362	152	EDEN	3195	543	0.02
363	144	BEN FICKLIN	6185	620	0.02
364	147	SPUR	5170	1,095	0.02
365	363	RANKIN	6405	335	0.02
366	357	TWILIGHT TRAIL	3150	459	0.02
367	396	CROSS PLAINS	5130	58	0.02
368	368	AB WALNUT ST	3785	1,752	0.02
369	122	EDEN	1780	294	0.02
370	320	STAMFORD	2835	295	0.02
371	294	COLLEGE HILLS	5520	241	0.02
372	262	QUANAH	3530	554	0.02
373	399	PAULANN	6285	63	0.02
374	328	SA WALNUT ST	3925	697	0.02
375	293	ABILENE PLANT	1735	143	0.01
376	333	ANSON 12KV	6630	397	0.01
377	9	VERNON CITY PLANT	5835	87	0.01
378	385	AB ELM CREEK	1825	734	0.01
379	383	AB EAST 12KV	5760	1,034	0.01

# Service Quality Report to the Public Utility Commission of Texas

## **AEP Texas North Company**

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
380	370	CEDAR GAP (TEC)	5445	102	0.01
381	304	SA EMERSON ST	4625	223	0.01
382	376	SA EMERSON ST	4860	417	0.01
383	374	SA SOUTH	3500	939	0.00
384	250	SA LAKE DR	5880	1,661	0.00
385	367	AB OIL MILL	3895	292	0.00
386	359	PAULANN	6310	613	0.00
387	300	ABILENE PLANT	1580	83	0.00
388	390	ABILENE PLANT	1915	88	0.00
389	377	ABILENE PLANT	3175	281	0.00
390	148	AILEEN	4600	379	0.00
391	392	ATLANTIC BEST	ATLB	23	0.00
392	393	BRYANTS RANCH	2025	10	0.00
393	139	CHILDRESS 20TH ST	5720	118	0.00
394	395	CROCKETT HEIGHTS	4668	85	0.00
395	397	GRAYBACK	3320	28	0.00
396	238	HAROLD	3055	38	0.00
397	207	SILVER	4295	10	0.00
398	151	TRUSCOTT	3845	41	0.00
399	33	VERNON CITY PLANT	5785	184	0.00
400	31	VERNON CITY PLANT	5840	86	0.00
401	400	WEINERT	3363	132	0.00

# 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

401

Add or Delete Rows as Necessary

### AEP Texas North Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
1	1	PECOS VALLEY	4080	83	1,050.0
2	127	HUMBLE KEMPER	1490	18	1,034.0
3	217	VALENTINE	5590	749	669.3
4	10	MASTERSON FIELD	2101	177	654.8
5	2	MCCAMEY	2415	148	574.1
6	226	CISCO	1675	854	573.4
7	193	CISCO	1680	543	572.3
8	188	CISCO	1685	183	561.9
9	204	CISCO	1690	968	559.5
10	57	SA GRAPE CREEK	5365	140	513.4
11	19	MCELROY	5165	173	452.7
12	129	RIO PECOS	513	42	442.6
13	26	RIO PECOS	3835	152	420.2
14	309	SUN VALLEY	4300	98	420.1
15	12	OZONA	3555	34	417.7
16	74	SA COKE ST	3905	122	363.2
17	190	MEMPHIS	3335	961	326.0
18	225	SARAGOSA	1552	833	316.3
19	3	RANKIN	5735	18	290.4
20	36	ROCHESTER	3295	268	290.0
21	46	ROCHESTER	3290	62	285.5
22	30	MESA VIEW	7045	160	281.1
23	351	PLASTERCO (MWEC)	2720	194	278.9
24	192	ALBANY	3540	550	277.7
25	76	CAREY	6115	116	273.6
26	166	MUNDAY	2080	732	262.6
27	41	SPUDDER FLAT	4175	63	253.8
28	250	MEMPHIS	3025	396	246.8
29	98	AB ELMDALE	4520	53	242.7
30	286	HIGHLAND	6370	586	238.6
31	258	ONYX REA	3260	98	232.7
32	170	TANKERSLY (CVEC)	5260	728	222.5
33	52	RULE	3396	479	220.0
34	31	DUNEFIELD (N CRANE)	3885	55	217.4
35	68	MUNDAY	6715	243	212.1
36	200	POWELL FIELD	2528	37	210.2
37	148	SARAGOSA	1590	17	205.8
38	51	CROSS PLAINS	2915	542	197.2
39	106	AB RAINEY CREEK	4550	507	196.0
40	8	SPUDDER FLAT	4180	69	192.1
41	111	FLOMOT	4089	79	192.1
42	365	HIGHLAND	6375	199	186.5
43	219	HEDLEY	5870	83	185.9

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
44	191	CROSS PLAINS	1795	588	174.2
45	158	ESTELLINE	3535	115	171.3
46	115	SPUR	417	95	166.8
47	273	JAYTON	6125	364	164.6
48	136	SPUR	411	265	164.4
49	304	AB RAINEY CREEK	4225	231	161.3
50	141	SPUR	414	265	159.6
51	84	SA WALNUT ST	3915	555	158.7
52	316	BARNHART	3725	117	156.9
53	58	MENARD	3760	580	155.8
54	235	AB VOGEL ST	4560	431	147.7
55	280	AB RAINEY CREEK	4220	125	147.6
56	83	MENARD	3755	936	146.3
57	27	AFTON	2225	59	145.0
58	new	SA CONCHO	3325	20	144.1
59	173	COLLEGE HILLS	4845	377	142.0
60	293	ASPR CONTINENTAL	4800	27	140.5
61	72	CHILLCOTHE	4530	553	140.4
62	29	STAMFORD PUMP	3930	37	138.4
63	274	ANSON 12KV	6635	558	136.5
64	312	CHILDRESS 69	2800	676	134.9
65	20	TURKEY	3825	342	133.4
66	367	SANTA ANNA	3415	507	126.8
67	138	ELDORADO	2880	111	123.8
68	123	SA COKE ST	4915	208	122.2
69	38	INDIAN MESA	2695	159	121.3
70	187	RISING STAR	5080	675	118.3
71	144	CROSS PLAINS	2920	540	118.0
72	67	CHILDRESS 69	1480	404	117.8
73	5	MIDWAY LANE	3440	91	114.4
74	165	CHERRY CREEK TAP	5245	12	112.3
75	215	SA SOUTHLAND HILLS	5055	595	111.8
76	290	CHILDRESS 69	4865	847	110.9
77	263	CHILDRESS 69	1800	426	110.3
78	203	AFTON	2310	273	109.7
79	116	MUNDAY	3365	427	108.6
80	224	ASPR CONTINENTAL	3830	12	108.1
81	249	VERHALEN	4465	23	107.4
82	202	ALPINE 12KV	3155	1,472	104.1
83	335	MERKEL	1890	572	103.2
84	9	BOBCAT HILLS	6655	11	99.9
85	154	MORAN	2108	192	99.1
86	56	ALPINE 12KV	3875	522	98.6
87	107	COLLEGE HILLS	4840	541	96.9
88	132	SA GRAPE CREEK	4700	1,051	96.9
89	21	CLARENDON	4040	718	96.8
90	338	AB DYESS 1	1775	284	93.8
91	297	AB MCMURRY	3245	840	93.3

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
92	16	MCCAMEY	2855	117	92.8
93	241	HAMLIN	3775	336	92.5
94	131	HASKELL 12KV	3770	591	92.3
95	140	AB OVER STREET 12KV	1840	784	91.3
96	61	AB OVER STREET 12KV	1635	339	91.2
97	239	SA COKE ST	4910	1,001	90.7
98	82	BRONTE	3590	192	90.2
99	11	CHRISTOVAL	6620	466	89.8
100	272	BALLINGER	4370	906	89.4
101	308	RULE	3378	128	89.4
102	86	AB COUNTRY CLUB	4730	191	87.8
103	238	SHEFFIELD	6430	220	85.3
104	319	HAMLIN	3270	1,008	83.8
105	102	MCCAMEY	2830	1,030	82.8
106	221	AB COUNTRY CLUB	4855	287	82.3
107	77	QUANAH	100	49	82.1
108	357	AB RAINEY CREEK	4270	749	81.9
109	146	ALBANY	3640	296	81.4
110	270	ABILENE PLANT	1575	283	80.9
111	199	SA NORTH	3115	225	76.9
112	13	JUNCTION	4340	943	74.0
113	142	AB VOGEL ST	4410	311	73.9
114	157	STAMFORD	2815	691	73.3
115	6	JUNCTION	4335	643	73.1
116	169	BRADY	5015	213	73.0
117	130	AB COUNTRY CLUB	4725	143	72.8
118	64	BENJAMIN (BEPC)	5680	169	72.6
119	37	SA JACKSON ST	4690	429	71.3
120	266	CROWELL	3490	49	69.4
121	208	MERTZON (CVEC)	2905	221	67.7
122	25	MELVIN	4955	157	67.4
123	33	MCCAMEY	2420	141	67.2
124	292	MORAN	2107	404	66.7
125	178	HIGHLAND	6385	773	66.7
126	186	RISING STAR	5075	431	66.2
127	218	TRENT	2850	17	65.6
128	232	SA WALNUT ST	3920	283	65.6
129	298	SANTA ANNA	3420	281	65.4
130	159	PERKINS PROTHO	3180	19	64.9
131	361	HAROLD	1495	39	64.8
132	343	AB COUNTRY CLUB	4735	478	64.4
133	313	WYLIE	2665	855	64.1
134	134	MERKEL	1895	767	62.9
135	44	CHILLCOTHE	4525	548	61.1
136	94	PECOS VALLEY	4075	20	60.7
137	53	CLYDE	1755	106	60.5
138	321	ABILENE PLANT	1570	265	60.4
139	257	PEACOCK	43	47	59.9

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
140	109	SA SOUTHLAND HILLS	5860	150	59.4
141	104	PECAN BAYOU	6810	620	58.7
142	117	AB SHELTON ST	3660	569	58.6
143	300	SA JACKSON ST	4265	1,215	56.4
144	327	WYLIE	6340	1,217	55.6
145	374	COLLEGE HILLS	4835	316	53.7
146	189	ASPERMONT	3380	743	53.6
147	243	WYLIE	2675	845	53.4
148	50	SHAFTER	50803	64	51.0
149	153	SA EMERSON ST	4630	392	49.8
150	99	COLLEGE HILLS	6145	522	48.8
151	341	SA LAKE DR	6030	1,012	48.4
152	168	PECAN BAYOU	6815	1,140	46.6
153	307	AB ELM CREEK	4745	687	46.1
154	124	AB HARTFORD ST	3815	643	45.9
155	248	STAMFORD	6255	503	45.3
156	78	CLYDE	1760	348	44.8
157	122	WOODSON OIL FIELD	30	38	44.5
158	196	ROUNDTOP	4490	51	41.9
159	255	TALPA ATLANTIC	5180	86	41.1
160	137	VALERA HUMBLE	7015	92	40.3
161	4	TEXON	4345	142	40.1
162	32	BUSH KNOB	5200	272	39.5
163	303	AB SHELTON ST	3045	446	39.4
164	180	FT DAVIS	4515	889	39.0
165	302	TUSCOLA	3730	700	38.1
166	256	ROTAN	1860	669	38.0
167	291	ROWENA	4480	143	37.7
168	244	AB SHELTON ST	3040	385	37.2
169	198	SA WALNUT ST	4635	1,499	37.1
170	342	AB ELM CREEK	4775	566	36.7
171	194	TRENT	4245	275	36.6
172	337	QUANAH	3100	766	36.5
173	97	AB DYESS 2	6335	352	36.5
174	368	ALPINE 12KV	6820	720	36.5
175	174	SONORA 138 SUB	4805	591	35.6
176	24	INDIAN MESA	2690	79	34.9
177	386	AB ELM CREEK	1820	33	34.1
178	87	KNOX CITY	3985	16	33.8
179	380	ABILENE PLANT	1910	735	33.3
180	125	TWILIGHT TRAIL	5855	574	33.2
181	213	SA JACKSON ST	4260	733	32.3
182	236	SA SOUTH	3995	583	32.0
183	314	BIG LAKE	4655	1,175	31.9
184	340	SA AVENUE N	1730	782	31.7
185	354	PRESIDIO	4540	1,399	31.2
186	389	ABILENE PLANT	1740	174	31.0
187	394	CORINTH	2590	27	30.7

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
188	251	OZONA	4185	1,137	30.5
189	245	FT DAVIS	3345	477	30.3
190	276	SA JACKSON ST	4250	226	29.6
191	285	ALPINE 12KV	3160	1,259	29.5
192	275	VERNON	1750	92	29.2
193	22	PUTNAM	2129	211	27.5
194	66	CLYDE	3635	540	26.4
195	240	MARFA	1900	821	26.3
196	231	AB MCMURRY	3240	302	25.9
197	183	AB CANYON ROCK	5030	409	25.5
198	100	SHAMROCK	144	498	24.4
199	113	ELDORADO	1845	1,127	24.4
200	376	AB ELM CREEK	1810	1,376	24.2
201	246	MARFA	1905	735	23.9
202	333	HEDLEY	5845	305	23.3
203	39	SA SOUTH	2595	356	23.1
204	294	HASKELL 12KV	3495	1,125	23.0
205	363	SA WALNUT ST	3910	514	22.8
206	105	AB ELM CREEK	4780	556	22.4
207	81	SA SOUTH	4795	219	22.3
208	156	FREISS RANCH	4870	59	21.8
209	211	QUANAH	3975	145	21.4
210	75	AB EAST 12KV	4825	529	21.3
211	233	HAWLEY	4455	581	20.6
212	126	AB HARTFORD ST	3685	232	20.4
213	167	AB MCMURRY	3235	339	19.9
214	179	POWELL FIELD	2529	15	19.7
215	230	AB MAPLE ST	5750	98	19.6
216	283	SA AVENUE N	1655	575	19.5
217	247	KNOX CITY	3390	228	18.5
218	175	FT CHADBOURNE	6515	74	18.5
219	103	AB HARTFORD ST	3820	1,361	18.4
220	49	BEN FICKLIN	6175	432	18.3
221	345	BIG LAKE	4665	424	18.0
222	161	ALPINE 12KV	6825	1,624	18.0
223	278	ROTAN	1865	343	17.7
224	69	SONORA	2045	843	17.5
225	151	SA NORTH	3120	1,094	17.3
226	28	PRESIDIO	6135	1,112	16.7
227	149	AB CANYON ROCK	5035	650	16.6
228	163	ALBANY	2029	211	15.6
229	96	BALLINGER	4395	455	15.5
230	195	AB MAPLE ST	5755	696	15.3
231	259	SA EMERSON ST	4620	972	15.0
232	43	PAULANN	6280	717	14.9
233	220	STERLING CITY	1445	752	14.7
234	261	ABILENE PLANT	1565	269	14.5
235	47	ROARING SPRINGS	6155	24	14.1

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
236	205	CHRISTOVAL	6615	848	14.1
237	45	SA AVENUE N	1695	1,255	13.7
238	325	SA CONCHO	1725	32	13.2
239	279	HIGHLAND	6380	2,250	13.2
240	121	AB REBECCA LANE	5550	570	13.2
241	339	SA CONCHO	1700	205	12.8
242	162	VERNON	5000	485	12.7
243	216	AB WALNUT ST	3110	576	12.5
244	331	AB ELM CREEK	5045	575	12.1
245	59	CLYDE	3630	314	11.6
246	227	ACME BESTWALL	4150	24	11.5
247	347	GIRARD	6260	39	11.3
248	346	BALLINGER	4375	1,217	11.3
249	60	VERNON	4275	670	11.2
250	89	THROCKMORTON	3190	674	11.2
251	212	SA SOUTHLAND HILLS	5455	660	11.1
252	85	AB OVER STREET 12KV	1645	478	11.0
253	14	SA MATHIS FIELD	4790	33	10.9
254	323	SAND ROAD	5295	405	10.9
255	234	ANSON REA (SEC)	5215	468	10.6
256	352	WEINERT	6490	132	10.3
257	385	ROBY	2276	334	10.0
258	185	THROCKMORTON	2090	55	10.0
259	242	AB SHELTON ST	4640	738	10.0
260	288	SAND ROAD	5195	613	9.9
261	320	SA SOUTH	3990	336	9.8
262	40	BRONTE	3560	279	9.6
263	119	BEN FICKLIN	6180	1,280	9.5
264	197	QUANAH	1830	563	9.2
265	35	AFTON	2355	49	9.1
266	360	MATADOR	3090	254	8.9
267	55	TURKEY	2980	361	8.8
268	326	AB OIL MILL	2780	431	8.7
269	277	SA CONCHO	1705	299	8.5
270	182	CLARENDON	5005	724	8.3
271	152	SHAMROCK	148	1,043	8.1
272	120	WINTERS	3765	1,106	8.0
273	330	BAIRD	5120	409	7.9
274	7	BRONTE AMBASSADOR	6650	31	7.9
275	114	FT CHADBOURNE	6520	423	7.7
276	332	AB VOGEL ST	4405	672	7.5
277	254	SA SOUTHLAND HILLS	5050	834	7.5
278	176	WELLINGTON	1770	222	7.4
279	305	AB EAST 12KV	4830	752	7.3
280	271	SA NORTH	3125	1,600	7.2
281	359	AB REBECCA LANE	6915	948	7.2
282	42	STAMFORD	4565	937	7.1
283	164	SA GRAPE CREEK	5220	742	7.1

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
284	399	PAULANN	6285	63	7.0
285	296	PADUCAH CITY	1935	402	6.6
286	356	SA SOUTH	4255	182	6.6
287	282	PADUCAH CITY	1930	528	6.5
288	222	EOLA	4950	249	6.5
289	62	SWENSON	136	33	6.5
290	369	TWILIGHT TRAIL	4285	1,328	6.3
291	73	IRAAN	2050	455	6.2
292	new	ELDORADO	5310	65	6.0
293	150	SA AVENUE N	1975	461	5.9
294	252	SAND ROAD	5655	699	5.9
295	71	IRAAN	2055	368	5.7
296	353	AB MCMURRY	4360	1,198	5.7
297	112	AB REBECCA LANE	2710	287	5.6
298	128	AB VOGEL ST	4650	961	5.5
299	93	WELLINGTON	3700	611	5.3
300	147	TUSCOLA	3305	982	5.3
301	214	OZONA	3810	854	5.2
302	133	AB OVER STREET 12KV	3140	553	5.2
303	264	AB SHELTON ST	3060	1,623	5.2
304	301	ROBY	3795	84	5.2
305	349	CROWELL	3980	722	4.9
306	34	SA LAKE DR	5865	1,194	4.9
307	79	MERTZON (CVEC)	1530	668	4.7
308	262	WINTERS	2113	973	4.6
309	398	HASKELL 12KV	5240	421	4.6
310	228	KNOX CITY	3300	599	4.5
311	336	AB SHELTON ST	3145	882	4.5
312	265	VERNON	1520	782	4.3
313	381	AB MCMURRY	4350	1,086	4.3
314	387	AB ELMDALE	4085	18	4.3
315	155	MCCAMEY	3670	484	4.3
316	267	TWILIGHT TRAIL	4290	1,657	4.0
317	91	VERNON CITY PLANT	5770	368	3.9
318	311	ROBERT LEE	4125	723	3.8
319	210	MILES	4670	501	3.8
320	355	RANKIN	6405	335	3.7
321	63	PUTNAM	2131	185	3.7
322	366	KIRKLAND	3545	37	3.7
323	207	AB EAST 12KV	4820	454	3.6
324	396	CROSS PLAINS	5130	58	3.6
325	80	IRAAN	4305	45	3.5
326	281	ROBERT LEE	4120	302	3.5
327	54	SONORA 138 SUB	4810	874	3.5
328	310	AB MCMURRY	4355	1,114	3.3
329	334	VERNON	3340	368	3.2
330	172	COLLEGE HILLS	5515	216	3.2
331	362	AB REBECCA LANE	5555	951	3.2

# Service Quality Report to the Public Utility Commission of Texas

## AEP Texas North Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
332	23	HAMLIN SHELL	6330	22	3.1
333	65	SAND ROAD	5290	714	3.1
334	184	MATADOR	3030	517	3.1
335	295	SA NORTH	3130	398	3.0
336	260	AILEEN	6435	470	3.0
337	287	RANKIN	6400	297	3.0
338	318	GRAYBACK	3315	304	2.9
339	329	AB MCMURRY	4510	708	2.9
340	299	MUNDAY REA (BKEC)	2015	53	2.9
341	15	SA MATHIS FIELD	5100	251	2.8
342	160	SA JACKSON ST	4685	2,908	2.8
343	110	BAIRD	5125	647	2.8
344	18	EDEN	3195	543	2.7
345	284	WAGGONER	5900	39	2.6
346	206	ALBANY	3655	634	2.6
347	177	AB HARTFORD ST	3690	162	2.6
348	383	AB SHELTON ST	3435	320	2.5
349	171	EDITH HUMBLE	6170	117	2.3
350	209	CHILDRESS 20TH ST	5725	658	2.2
351	70	AB OIL MILL	3900	617	2.2
352	348	AB ELM CREEK	1815	479	2.2
353	145	WELLINGTON	1765	812	2.2
354	373	SA CONCHO	1715	292	2.0
355	88	VERNON CITY PLANT	5780	689	2.0
356	315	AB SHELTON ST	3050	1,206	1.9
357	328	ANSON 12KV	6630	397	1.8
358	269	ABILENE PLANT	1735	143	1.8
359	223	PAINT ROCK	5235	197	1.8
360	17	EDEN	1780	294	1.7
361	388	AB WALNUT ST	3445	752	1.7
362	118	BEN FICKLIN	6185	620	1.7
363	139	SA JACKSON ST	4695	259	1.7
364	370	SHAMROCK	1835	71	1.7
365	181	BRONTE	4160	209	1.5
366	364	AILEEN	4605	394	1.5
367	350	STAMFORD	2835	295	1.4
368	289	QUANAH	3530	554	1.4
369	379	AB OIL MILL	3895	292	1.1
370	306	BRADSHAW (CLIMAX)	11301	41	1.1
371	135	SPUR	5170	1,095	1.1
372	344	TWILIGHT TRAIL	3150	459	1.0
373	108	AB CANYON ROCK	5025	38	0.9
374	237	CEDAR GAP (TEC)	4115	38	0.8
375	372	AB WALNUT ST	3785	1,752	0.8
376	317	SA WALNUT ST	3925	697	0.8
377	382	AB EAST 12KV	5760	1,034	0.8
378	48	VERNON CITY PLANT	5835	87	0.6
379	375	CEDAR GAP (TEC)	5445	102	0.5

# Service Quality Report to the Public Utility Commission of Texas

## **AEP Texas North Company**

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
380	377	SA SOUTH	3500	939	0.5
381	384	AB ELM CREEK	1825	734	0.5
382	253	COLLEGE HILLS	5520	241	0.5
383	371	SA EMERSON ST	4860	417	0.4
384	229	SA LAKE DR	5880	1,661	0.3
385	324	SA EMERSON ST	4625	223	0.2
386	358	PAULANN	6310	613	0.1
387	322	ABILENE PLANT	1580	83	0.0
388	390	ABILENE PLANT	1915	88	0.0
389	378	ABILENE PLANT	3175	281	0.0
390	101	AILEEN	4600	379	0.0
391	392	ATLANTIC BEST	ATLB	23	0.0
392	393	BRYANTS RANCH	2025	10	0.0
393	143	CHILDRESS 20TH ST	5720	118	0.0
394	395	CROCKETT HEIGHTS	4668	85	0.0
395	397	GRAYBACK	3320	28	0.0
396	268	HAROLD	3055	38	0.0
397	201	SILVER	4295	10	0.0
398	95	TRUSCOTT	3845	41	0.0
399	92	VERNON CITY PLANT	5785	184	0.0
400	90	VERNON CITY PLANT	5840	86	0.0
401	400	WEINERT	3363	132	0.0

Service Quality Report to the Public Utility Commission of Texas

**AEP Texas North Company**

**FORCED INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2004 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Animals and Birds	12.34%
Other	7.26%
People (Including cars and farm equip)	2.56%
Unknown	5.63%
Utility-owned Equipment	18.64%
Vegetation	9.18%
Weather (Including Lightning)	44.38%