



Control Number: 30613



Item Number: 8

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**§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.

Utility: Type Name of Utility in the Cell Below  
**El Paso Electric Company**

Feeders: Type Total Number of Distribution Feeders in the Cell Below  
**237**

Due: **February 14, 2005**

File: **Five Printed Copies and  
One Electronic Copy of This Excel File**

Project: **30613**

Address: **Attn: Filing Clerk  
Public Utility Commission of Texas  
P.O. Box 13326  
Austin, Texas 78711-3326**

If you have any questions, please contact:

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

**El Paso Electric Company**

**Project 30613**

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2004	0.308	0.011	0.025	0.029	0.007	0.024	0.035	0.018	0.064	0.015	0.009	0.032	0.042
Scheduled													
2004	0.008	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.001	0.000
Outside Causes													
2004	0.270	0.000	0.018	0.014	0.038	0.019	0.051	0.001	0.048	0.048	0.000	0.000	0.034
Major Events													
2004	0.432	0.000	0.000	0.403	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.034

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2004	32.46	1.10	2.06	1.86	1.10	2.48	5.51	2.72	7.64	2.47	1.25	2.94	1.59
Scheduled													
2004	0.50	0.10	0.02	0.01	0.03	0.04	0.07	0.03	0.05	0.04	0.04	0.07	0.02
Outside Causes													
2004	14.10	0.00	0.11	1.46	1.25	0.67	0.86	0.26	4.52	4.37	0.02	0.00	0.67
Major Events													
2004	20.11	0.00	0.00	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67

# 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 More Than 10 Customers

**237**

Add or Delete Rows as Necessary

### **El Paso Electric Company**

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
1	7	ALAMO	21	455	4.286
2	12	SOCORRO	10	562	3.684
3	204	ANTHONY	22	1442	2.727
4	3	CLINT	11	1525	2.391
5	64	FELIPE	20	792	2.334
6	90	CROMO	15	1207	2.102
7	19	SIERRA BLANCA	20	344	1.902
8	41	DIANA	1	449	1.650
9	54	CINECUE	1	503	1.532
10	86	HORIZON	11	1840	1.466
11	56	MILAGRO	12	2218	1.421
12	55	PARKDALE	1	289	1.340
13	49	MILAGRO	17	1578	1.340
14	52	MONTOYA	20	2047	1.337
15	118	SPARKS	12	1102	1.335
16	17	RIO GRANDE	13	1071	1.294
17	57	LEO	1	860	1.290
18	8	HORIZON	10	676	1.249
19	157	FARMER	21	1136	1.203
20	21	MILAGRO	15	1178	1.164
21	181	NEWTEX	1	459	1.152
22	48	MILAGRO	11	1186	1.143
23	27	WRANGLER	10	1843	1.135
24	96	SHEARMAN	10	3051	1.134
25	80	AMERICAS	11	1784	1.108
26	25	CALIENTE	10	1811	1.104
27	105	ASCARATE	11	1595	1.052
28	31	MONTWOOD	20	1102	1.047
29	189	SUNSET	14	2806	1.002
30	197	COPPER	10	1825	1.000
31	202	AUSTIN	16	1900	1.000
32	172	AUSTIN	15	2560	1.000
33	187	VISCOUNT	11	1895	1.000
34	142	DALLAS	2	326	0.999
35	45	WRANGLER	12	12	0.990
36	135	ASCARATE	13	2440	0.958
37	79	FABENS	1	224	0.872
38	221	MULBERRY	1	107	0.804
39	35	MANN	10	952	0.700
40	1	CLARDY	2	230	0.651
41	43	VISTA	13	1992	0.537
42	78	SOL	14	1546	0.507
43	65	AUSTIN	1	266	0.493

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
44	15	VALLEY	10	2305	0.433
45	161	LEO	11	1571	0.405
46	147	MANN	12	1301	0.371
47	36	PARKDALE	2	182	0.363
48	13	VISTA	11	2868	0.358
49	50	ASCARATE	3	530	0.338
50	164	COTTON	2	139	0.295
51	29	KEMP	1	252	0.289
52	69	COYOTE	10	1664	0.270
53	62	YSLETA	1	354	0.263
54	134	CHAPARRAL	11	1257	0.249
55	4	DIANA	3	489	0.247
56	124	WHITE	1	252	0.234
57	72	TOBIN	2	640	0.233
58	145	ZARAGOSA	10	2091	0.224
59	9	SOL	10	2070	0.214
60	115	CHAPARRAL	10	1886	0.211
61	81	LANE	11	1324	0.203
62	143	VAN HORN	2	198	0.202
63	18	AMERICAS	10	1279	0.188
64	67	SUNSET	4	347	0.187
65	166	SHEARMAN	12	2819	0.182
66	44	LOMALAND	2	206	0.180
67	121	LOMALAND	1	443	0.178
68	191	ALTURA	6	269	0.175
69	70	SANTA TERESA	21	2085	0.169
70	58	ASCARATE	10	1528	0.166
71	130	CLINT	1	882	0.164
72	201	DALLAS	13	1178	0.161
73	63	RANCLAND	1	281	0.160
74	6	ASCARATE	4	379	0.158
75	136	AUSTIN	2	507	0.150
76	51	AUSTIN	4	664	0.149
77	73	FIVE POINTS	1	240	0.146
78	163	CORONADO	1	554	0.141
79	23	VISTA	12	2178	0.137
80	117	MESA	14	1800	0.137
81	94	SUMMIT	1	228	0.136
82	24	MESA	12	2160	0.133
83	66	THORN	11	2363	0.133
84	77	HACIENDA	1	293	0.133
85	148	GRACE	1	283	0.131
86	132	AUSTIN	12	1377	0.129
87	14	MESA	16	1561	0.129
88	n/a	RIO BOSQUE	12	870	0.125
89	109	OCTAVIA	1	283	0.124
90	16	MIDWAY	1	616	0.120
91	74	MISSION	1	343	0.120

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
92	154	LEO	12	2032	0.118
93	102	WHITE	2	230	0.117
94	89	WRANGLER	13	3234	0.114
95	116	ALTURA	1	212	0.113
96	178	VISTA	14	2243	0.112
97	192	AUSTIN	3	296	0.111
98	139	FIVE POINTS	3	236	0.110
99	46	CIELO	1	400	0.110
100	177	CALIENTE	11	1209	0.102
101	113	SUNSET	2	269	0.100
102	88	MONTOYA	21	3862	0.100
103	28	MANN	11	2031	0.093
104	175	SOL	15	2490	0.090
105	129	SCOTSDALE	16	1201	0.090
106	101	SCOTSDALE	12	1959	0.089
107	234	TORNILLO	1	80	0.087
108	114	VISTA	10	2395	0.085
109	53	THORN	12	2285	0.084
110	215	CROMO	14	12	0.082
111	131	TOBIN	1	653	0.080
112	37	LEO	2	369	0.079
113	20	THORN	13	2911	0.074
114	47	ASCARATE	1	217	0.074
115	108	ALTURA	4	380	0.074
116	127	SPARKS	10	524	0.073
117	22	CLARDY	1	616	0.071
118	59	CROMO	11	927	0.070
119	61	MISSION	2	519	0.069
120	162	CANUTILLO	1	1315	0.068
121	173	RADFORD	1	180	0.067
122	11	MANN	14	1959	0.064
123	68	SUMMIT	2	252	0.059
124	83	THORN	15	2052	0.059
125	92	MORNINGSIDE	2	343	0.058
126	2	ANTHONY	20	3587	0.056
127	42	FRESNO	1	251	0.056
128	93	SCOTSDALE	15	2391	0.055
129	176	THORN	10	1896	0.053
130	223	RIVER	1	133	0.052
131	150	ZARAGOSA	11	2268	0.052
132	138	SUNSET	5	386	0.052
133	71	MULBERRY	2	215	0.042
134	39	MONTOYA	23	2606	0.041
135	97	ALTURA	5	370	0.038
136	10	MESA	17	1144	0.035
137	110	VAN HORN	1	258	0.035
138	125	SIERRA BLANCA	1	117	0.034
139	84	MILAGRO	14	796	0.034



# Service Quality Report to the Public Utility Commission of Texas

## **El Paso Electric Company**

<b>2004 SAIFI Ranking</b>	<b>2003 SAIFI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2004 SAIFI Value</b>
140	104	CROMO	12	1895	0.034
141	112	DYER	11	2435	0.034
142	183	ALTURA	2	309	0.029
143	120	NEWTEX	2	484	0.027
144	30	SANTA FE	11	496	0.026
145	111	MILAGRO	13	2930	0.025
146	40	AUSTIN	10	2137	0.025
147	149	DALLAS	1	287	0.024
148	216	DYER	15	165	0.024
149	152	AUSTIN	17	1776	0.023
150	196	SUNSET NORTH	11	1394	0.022
151	126	FABENS	2	618	0.021
152	122	THORN	14	2545	0.019
153	5	SCOTSDALE	14	2160	0.019
154	199	LANE	13	2191	0.019
155	34	MESA	13	1628	0.018
156	60	FRONTERA	1	274	0.018
157	168	DALLAS	12	1577	0.016
158	165	WRANGLER	14	488	0.016
159	203	AMERICAS	12	1685	0.016
160	185	LANE	12	2069	0.012
161	193	DYER	12	1409	0.012
162	26	SCOTSDALE	11	2288	0.011
163	160	VISCOUNT	10	1796	0.011
164	38	SANTA TERESA	20	1048	0.010
165	190	ALAMO	20	1188	0.010
166	107	ASCARATE	2	310	0.010
167	103	MIDWAY	2	590	0.008
168	91	EAST	1	157	0.006
169	200	SPARKS	11	1102	0.006
170	144	RIO GRANDE	15	2542	0.006
171	180	DALLAS	17	1143	0.005
172	188	FT. HANCOCK	1	405	0.005
173	32	DYER	14	1441	0.005
174	153	CROMO	13	660	0.005
175	123	DYER	13	2258	0.004
176	167	SOL	11	2280	0.004
177	156	SUNSET	15	2152	0.004
178	151	FIVE POINTS	4	301	0.003
179	75	ALTURA	3	352	0.003
180	95	VISTA	15	2465	0.003
181	146	SOL	13	2913	0.003
182	98	SANTA FE	5	467	0.002
183	171	LATTA	1	492	0.002
184	158	BEAUMONT	1	568	0.002
185	140	SCOTSDALE	13	2497	0.002
186	119	DALLAS	11	1392	0.001
187	207	AUSTIN	11	1685	0.001

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

2004 SAIFI Ranking	2003 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIFI Value
188	235	WRANGLER	11	1142	0.001
189	208	AUSTIN	13	1184	0.001
190	170	VISCOUNT	12	2386	0.001
191	133	COPPER	11	1247	0.001
192	179	DALLAS	16	1351	0.001
193	174	SOCORRO	11	2504	0.000
194	205	ASCARATE	12	893	0.000
195	206	ASCARATE	14	1374	0.000
196	209	AUSTIN	14	2258	0.000
197	210	BUTTERFIELD	10	44	0.000
198	87	BUTTERFIELD	11	44	0.000
199	211	BUTTERFIELD	12	44	0.000
200	212	BUTTERFIELD	14	10	0.000
201	213	COPPER	12	1799	0.000
202	155	COTTON	1	249	0.000
203	214	CROMO	10	1854	0.000
204	159	DALLAS	4	168	0.000
205	33	EAST	2	268	0.000
206	217	FARAH	11	1758	0.000
207	128	FIVE POINTS	2	183	0.000
208	195	HACIENDA	2	396	0.000
209	218	LA TUNA	1	79	0.000
210	219	LEO	13	1025	0.000
211	100	MANN	13	1988	0.000
212	137	MANN	15	1164	0.000
213	194	MESA	18	736	0.000
214	220	MONTOYA	22	12	0.000
215	106	MORNINGSIDE	1	317	0.000
216	82	RANCHLAND	2	259	0.000
217	n/a	RIO BOSQUE	10	28	0.000
218	n/a	RIO BOSQUE	11	26	0.000
219	222	RIO GRANDE	11	1679	0.000
220	99	SANTA FE	1	337	0.000
221	225	SANTA FE	2	386	0.000
222	226	SANTA FE	3	12	0.000
223	227	SANTA FE	4	448	0.000
224	224	SANTA FE	10	1291	0.000
225	198	SANTA FE	12	1988	0.000
226	228	SANTA FE	50	1464	0.000
227	182	SHEARMAN	11	2506	0.000
228	229	SOL	12	2094	0.000
229	231	SUNSET	1	349	0.000
230	232	SUNSET	7	514	0.000
231	233	SUNSET	8	367	0.000
232	169	SUNSET	13	468	0.000
233	230	SUNSET NORTH	10	2425	0.000
234	186	SUNSET NORTH	12	2611	0.000
235	76	YSLETA	2	296	0.000

## Service Quality Report to the Public Utility Commission of Texas

### **El Paso Electric Company**

<b>2004 SAIFI Ranking</b>	<b>2003 SAIFI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2004 SAIFI Value</b>
236	184	ZARAGOSA	1	464	0.000
237	n/a	MONTWOOD	21	500	0.000

# 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 More Than 10 Customers

**237**

Add or Delete Rows as Necessary

## **El Paso Electric Company**

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
1	39	SOCORRO	10	562	486.67
2	13	ALAMO	21	455	481.78
3	25	SIERRA BLANCA	20	344	287.06
4	164	FARMER	21	1136	253.08
5	5	CLINT	11	1525	234.50
6	34	MILAGRO	12	2218	233.32
7	71	MONTOYA	20	2047	225.03
8	204	ANTHONY	22	1442	219.17
9	43	LEO	1	860	216.14
10	44	PARKDALE	1	289	208.17
11	8	MANN	10	952	202.20
12	48	FELIPE	20	792	170.54
13	85	HORIZON	11	1840	164.85
14	9	HORIZON	10	676	137.59
15	59	DIANA	1	449	134.33
16	69	CINECUE	1	503	134.10
17	22	VISTA	13	1992	131.63
18	65	AMERICAS	11	1784	125.94
19	159	MANN	12	1301	124.75
20	124	SPARKS	12	1102	123.08
21	24	MILAGRO	17	1578	122.42
22	176	LEO	11	1571	109.01
23	30	CALIENTE	10	1811	107.05
24	2	CLARDY	2	230	106.79
25	51	SOL	14	1546	106.22
26	221	MULBERRY	1	107	94.15
27	32	FABENS	1	224	91.81
28	16	VISTA	11	2868	88.38
29	50	WRANGLER	10	1843	85.43
30	6	KEMP	1	252	73.93
31	15	PARKDALE	2	182	70.44
32	35	MILAGRO	11	1186	62.84
33	189	SUNSET	14	2806	62.15
34	200	COPPER	10	1825	62.00
35	45	MILAGRO	15	1178	58.30
36	42	RIO GRANDE	13	1071	58.19
37	46	VALLEY	10	2305	58.13
38	192	VISCOUNT	11	1895	53.98
39	40	AUSTIN	1	266	53.82
40	142	WHITE	1	252	52.25
41	93	LANE	11	1324	50.29
42	56	MONTWOOD	20	1102	48.82
43	148	ZARAGOSA	10	2091	45.50

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
44	73	MESA	12	2160	42.08
45	31	YSLETA	1	354	41.35
46	52	ASCARATE	10	1528	40.00
47	55	COYOTE	10	1664	39.50
48	153	LEO	12	2032	37.59
49	10	SOL	10	2070	36.39
50	174	AUSTIN	15	2560	35.01
51	126	GRACE	1	283	34.91
52	109	CHAPARRAL	10	1886	33.43
53	64	RANCHLAND	1	281	33.29
54	111	MESA	14	1800	33.01
55	76	MISSION	1	343	31.93
56	27	THORN	11	2363	31.56
57	81	SANTA TERESA	21	2085	31.07
58	161	NEWTEX	1	459	29.64
59	158	VISTA	14	2243	29.63
60	129	CHAPARRAL	11	1257	29.46
61	37	ASCARATE	3	530	28.60
62	99	SHEARMAN	10	3051	28.22
63	53	CROMO	11	927	27.29
64	23	CROMO	15	1207	26.47
65	60	LOMALAND	2	206	24.46
66	20	VISTA	12	2178	24.09
67	21	THORN	12	2285	23.89
68	17	THORN	13	2911	23.23
69	75	TOBIN	2	640	22.19
70	80	ASCARATE	11	1595	20.11
71	7	MANN	14	1959	20.03
72	n/a	RIO BOSQUE	12	870	19.91
73	66	WRANGLER	13	3234	18.97
74	95	SPARKS	10	524	18.57
75	156	SHEARMAN	12	2819	18.38
76	157	SUNSET	5	386	18.35
77	132	OCTAVIA	1	283	18.32
78	14	LEO	2	369	17.81
79	125	ASCARATE	13	2440	17.69
80	167	SOL	15	2490	17.15
81	4	MIDWAY	1	616	16.30
82	234	TORNILLO	1	80	16.18
83	57	MESA	16	1561	16.03
84	169	COTTON	2	139	15.42
85	3	DIANA	3	489	14.28
86	92	SCOTSDALE	12	1959	14.15
87	199	AUSTIN	3	296	14.11
88	162	DALLAS	2	326	13.92
89	19	AUSTIN	4	664	13.81
90	130	CORONADO	1	554	13.34
91	149	LOMALAND	1	443	13.20

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
92	74	MONTOYA	21	3862	13.01
93	68	FRESNO	1	251	12.93
94	155	VAN HORN	2	198	12.70
95	33	WRANGLER	12	12	12.70
96	11	ASCARATE	4	379	12.49
97	201	DALLAS	13	1178	12.09
98	84	SUNSET	4	347	11.98
99	105	VISTA	10	2395	11.66
100	144	AUSTIN	12	1377	10.90
101	152	SCOTSDALE	16	1201	10.80
102	127	CLINT	1	882	10.71
103	182	CALIENTE	11	1209	10.07
104	36	AMERICAS	10	1279	10.04
105	139	AUSTIN	2	507	10.02
106	79	WHITE	2	230	9.96
107	163	SUMMIT	1	228	9.92
108	41	ASCARATE	1	217	9.43
109	38	CIELO	1	400	9.28
110	98	HACIENDA	1	293	8.65
111	187	ALTURA	6	269	8.57
112	197	AUSTIN	16	1900	8.00
113	77	SUMMIT	2	252	7.96
114	185	THORN	10	1896	7.65
115	140	ZARAGOSA	11	2268	7.52
116	1	ANTHONY	20	3587	7.07
117	62	MANN	11	2031	6.93
118	122	SUNSET	2	269	6.86
119	106	CROMO	12	1895	6.65
120	133	ALTURA	4	380	6.04
121	82	SCOTSDALE	15	2391	6.01
122	175	DALLAS	12	1577	5.79
123	119	TOBIN	1	653	5.49
124	104	MORNINGSIDE	2	343	5.48
125	70	THORN	15	2052	5.28
126	191	DYER	12	1409	5.18
127	28	MONTOYA	23	2606	5.09
128	63	MULBERRY	2	215	5.05
129	168	CANUTILLO	1	1315	5.00
130	54	FIVE POINTS	1	240	4.73
131	114	ALTURA	1	212	4.50
132	143	FIVE POINTS	3	236	4.44
133	203	AMERICAS	12	1685	4.40
134	223	RIVER	1	133	3.92
135	166	RADFORD	1	180	3.83
136	113	ASCARATE	2	310	3.69
137	121	SIERRA BLANCA	1	117	3.68
138	110	THORN	14	2545	3.58
139	18	SCOTSDALE	14	2160	2.95

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
140	87	MESA	17	1144	2.90
141	47	SANTA FE	11	496	2.72
142	72	SCOTSDALE	11	2288	2.63
143	58	MISSION	2	519	2.51
144	12	AUSTIN	10	2137	2.49
145	172	ALTURA	2	309	2.45
146	177	WRANGLER	14	488	2.25
147	97	VAN HORN	1	258	2.09
148	215	CROMO	14	12	2.06
149	91	CLARDY	1	616	2.01
150	128	FABENS	2	618	1.92
151	135	NEWTEX	2	484	1.88
152	150	AUSTIN	17	1776	1.88
153	100	ALTURA	5	370	1.78
154	202	SPARKS	11	1102	1.72
155	90	MILAGRO	13	2930	1.72
156	123	DYER	11	2435	1.64
157	26	SANTA TERESA	20	1048	1.50
158	94	MILAGRO	14	796	1.50
159	29	FRONTERA	1	274	1.46
160	178	VISCOUNT	10	1796	1.45
161	193	ALAMO	20	1188	1.36
162	216	DYER	15	165	1.31
163	112	MESA	13	1628	1.14
164	183	LANE	12	2069	0.98
165	194	SUNSET NORTH	11	1394	0.92
166	165	DALLAS	1	287	0.83
167	89	MIDWAY	2	590	0.80
168	136	RIO GRANDE	15	2542	0.70
169	96	VISTA	15	2465	0.60
170	103	SUNSET	15	2152	0.59
171	88	DYER	13	2258	0.51
172	198	LANE	13	2191	0.35
173	83	EAST	1	157	0.29
174	235	WRANGLER	11	1142	0.27
175	184	FT. HANCOCK	1	405	0.26
176	207	AUSTIN	11	1685	0.25
177	190	DALLAS	17	1143	0.20
178	115	CROMO	13	660	0.20
179	102	ALTURA	3	352	0.20
180	67	DYER	14	1441	0.19
181	145	LATTA	1	492	0.16
182	154	SOL	11	2280	0.15
183	108	SOL	13	2913	0.15
184	137	DALLAS	11	1392	0.11
185	173	FIVE POINTS	4	301	0.10
186	171	BEAUMONT	1	568	0.10
187	120	SANTA FE	5	467	0.08

# Service Quality Report to the Public Utility Commission of Texas

## El Paso Electric Company

2004 SAIDI Ranking	2003 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2004 SAIDI Value
188	208	AUSTIN	13	1184	0.06
189	134	SCOTSDALE	13	2497	0.05
190	131	COPPER	11	1247	0.03
191	180	VISCOUNT	12	2386	0.02
192	151	SOCORRO	11	2504	0.02
193	147	DALLAS	16	1351	0.01
194	205	ASCARATE	12	893	0.00
195	206	ASCARATE	14	1374	0.00
196	209	AUSTIN	14	2258	0.00
197	210	BUTTERFIELD	10	44	0.00
198	49	BUTTERFIELD	11	44	0.00
199	211	BUTTERFIELD	12	44	0.00
200	212	BUTTERFIELD	14	10	0.00
201	213	COPPER	12	1799	0.00
202	170	COTTON	1	249	0.00
203	214	CROMO	10	1854	0.00
204	118	DALLAS	4	168	0.00
205	78	EAST	2	268	0.00
206	217	FARAH	11	1758	0.00
207	138	FIVE POINTS	2	183	0.00
208	195	HACIENDA	2	396	0.00
209	218	LA TUNA	1	79	0.00
210	219	LEO	13	1025	0.00
211	61	MANN	13	1988	0.00
212	146	MANN	15	1164	0.00
213	196	MESA	18	736	0.00
214	220	MONTOYA	22	12	0.00
215	101	MORNINGSIDE	1	317	0.00
216	107	RANCHLAND	2	259	0.00
217	n/a	RIO BOSQUE	10	28	0.00
218	n/a	RIO BOSQUE	11	26	0.00
219	222	RIO GRANDE	11	1679	0.00
220	116	SANTA FE	1	337	0.00
221	225	SANTA FE	2	386	0.00
222	226	SANTA FE	3	12	0.00
223	227	SANTA FE	4	448	0.00
224	224	SANTA FE	10	1291	0.00
225	186	SANTA FE	12	1988	0.00
226	228	SANTA FE	50	1464	0.00
227	160	SHEARMAN	11	2506	0.00
228	229	SOL	12	2094	0.00
229	231	SUNSET	1	349	0.00
230	232	SUNSET	7	514	0.00
231	233	SUNSET	8	367	0.00
232	181	SUNSET	13	468	0.00
233	230	SUNSET NORTH	10	2425	0.00
234	179	SUNSET NORTH	12	2611	0.00
235	86	YSLETA	2	296	0.00



## Service Quality Report to the Public Utility Commission of Texas

### **El Paso Electric Company**

<b>2004 SAIDI Ranking</b>	<b>2003 SAIDI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2004 SAIDI Value</b>
236	188	ZARAGOSA	1	464	0.00
237	n/a	MONTWOOD	21	500	0.00

Service Quality Report to the Public Utility Commission of Texas

**El Paso Electric Company**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2004 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	37.9%
Vegetation	7.4%
Animals and Birds	8.9%
People (Including cars and farm equip)	5.9%
Utility-owned Equipment	22.5%
Other	5.9%
Unknown	11.5%