

Control Number: 35145



Item Number: 6

Addendum StartPage: 0

### §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

Utility: El Paso Electric Company

Type Total Number of Distribution Feeders in the Cell Below

Feeders: 234

**Due:** February 14, 2008

File: Five Printed Copies and

One Electronic Copy of This Excel File

Project: 35145

Address: Attn: Filing Clerk

**Public Utility Commission of Texas** 

P.O. Box 13326

Austin, Texas 78711-3326

If you have any questions, please contact:

Larry Reed

Infrastructure & Reliability Division

Commission Staff

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# **Service Quality Report**

To The

# **Public Utility Commission of Texas**

In Accordance With

Substantive Rule §25.81

2007 Reporting Year

**El Paso Electric Company** 

Project 35145

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System SAIFI	Annual	Jan	Feb	March	April	Мау	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2007	0.432	0.034	0.042	0.013	0:020	0.059	0.034	0.043	0.035	0.046	0.015	0.032	0.032
Scheduled													:
2007	0.099	0.029	0.001	0.004	0.001	0.021	0.005	0.013	0.003	0.002	0.002	0.004	0.017
Outside Causes										:			
2007	0.268	0.028	0.000	0.000	0.030	0.023	0.093	0.014	0.010	0.000	0.010	0.050	0.014
Major Events													
2007	0.039	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.034	0.000

# El Paso Electric Company

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System SAIDI	Annual	Jan	Feb	March	April	Мау	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2007	47.16	3.93	5.88	2.82	4.52	4.56	3.85	6.42	4.14	4.41	1.20	3.50	2.31
Scheduled					,								
2007	2.80	0.17	0.08	0.17	0.03	1.39	0.21	0.39	0.11	0.05	90.0	0.11	0.05
Outside Causes													
2007	27.29	1.76	0.00	0.00	2.43	0.63	5.82	1.72	2.61	00:00	69.0	11.13	0.63
Major Events													
2007	2.44	0.00	00.0	0.00	0.03	0.00	0.00	00.00	00.0	00.00	0.00	2.41	0.00

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Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

With More Than 10 Customers

Total Number of Feeders

234

Add or Delete Rows as Necessary

2007 SAIFI	2006 SAIFI	Substation	Feeder	Number of	2007 SAIFI
Ranking	Ranking	Identification	Identification	Customers	Value
1		MIDWAY	1	657	4.56
2		SOCORRO	10	598	4.38
3		VISCOUNT	11	2018	4.00
4	71	CLINT	11	1625	3.68
5	63	HORIZON	10	720	3.36
6	7	THORN	13	3100	3.29
7	88	CHAPARRAL	11	1339	2.29
8	195	ALTURA	1	226	2.13
9	156	SCOTSDALE	15	2546	2.04
10	2	MONTWOOD	20	1173	2.03
11	3	FELIPE	20	914	1.82
12	64	CINECUE	1	535	1.67
13	81	SPARKS	12	1173	1.67
14	23	MONTOYA	20	2180	1.44
15	117	MIDWAY	2	628	1.27
16	98	SCOTSDALE	12	2086	1.27
17	89	MULBERRY	1	114	1.25
18	32	LOMALAND	2	220	1.23
19	124	MANN	11	2164	1.22
20	24	RANCHLAND	1	299	1.21
21	155	MESA	18	926	1.21
22	21	RIO GRANDE	15	2707	1.21
23	72	AUSTIN	2	540	1.15
24	54	MESA	12	2301	1.12
25	13	RIO GRANDE	13	1141	1.11
26	205	SOCORRO	11	2667	1.08
27	149	AUSTIN	12	1466	1.07
28	101	AUSTIN	17	1891	1.06
29	132	VISCOUNT	12	2542	1.03
30	164	SHEARMAN	11	2669	1.02
31	47	MANN	13	2118	1.01
32	125	CROMO	11 ·	987	1.00
33	142	SOL	11	2428	1.00
34		MANN	14	2086	1.00
35	204	LANE	12	2204	1.00
36	N/A	GLOBAL REACH	10	200	1.00
37	N/A	SUNSET	16	255	1.00
38	157	SOL	15	2652	1.00
39	43	CALIENTE	11	1288	0.99
40		COYOTE	10	1773	0.92
41	82	CORONADO	1	590	0.70
42	30	LANE	11	1410	0.68
43	86	ASCARATE	3	565	0.67

2007 SAIFI	2006 SAIFI	Substation	Feeder	Number of	2007 SAIFI
Ranking	Ranking	Identification	Identification	Customers	Value
44		PARKDALE	2	194	0.64
45		TOBIN	2	682	0.58
46		CHAPARRAL	10	2009	0.57
47		FABENS	1	238	0.56
48		HORIZON	11	1959	0.55
49		ALAMO	21	485	0.53
50		ALTURA	6	286	0.49
51		DYER	14	1534	0.49
52		WHITE	2	245	0.44
53		PARKDALE	<u>-</u> 1	307	0.44
54		LEO	11	947	0.43
55		FARMER	21	1210	0.42
56		ASCARATE	1	231	0.41
57		AUSTIN	1	283	0.41
58		MILAGRO	14	848	0.40
59		SUNSET	4	370	0.38
60		VAN HORN	2	211	0.37
61		NEWTEX	1	488	0.36
62		HACIENDA	1	312	0.34
63		LOMALAND	1	472	0.33
64		MANN	10	1014	0.32
65		MISSION	2	552	0.31
66		FIVE POINTS	3	251	0.31
67		FABENS	2	659	0.30
68		ASCARATE	10	1627	0.30
69	to the same of	FRONTERA	1	292	0.30
70		ASCARATE	2	330	0.29
71		VALLEY	10	2455	0.29
72		CIELO	1	426	0.28
73		SPARKS	10	558	0.26
74		DIANA	1	478	0.25
75		RANCHLAND	2	276	0.24
75 76		MORNINGSIDE	2	365	0.24
77		NEWTEX	2	516	0.24
78		CLINT	1	939	0.23
79		SIERRA BLANCA		367	0.22
80		THORN	12	2433	0.22
81		LEO	1	1189	0.21
82		MILAGRO	11	1263	0.21
83		ALTURA	4	405	0.20
84		VISTA	14	2389	0.20
85		VISTA	11	3054	0.20
86		CROMO	12	2018	0.19
87		CALIENTE	10	1929	0.18
88		MORNINGSIDE	1	338	0.18
		GRACE	1	301	0.18
89		AMERICAS	111	374	0.17
90		BEAUMONT	1	605	0.17
91	139	PEVONIONI	<u> </u>	1000	19.17

2007 SAIFI	2006 SAIFI	Substation	Feeder	Number of	2007 SAIFI
Ranking	Ranking	<ul> <li>Identification</li> </ul>	Identification	Customers	Value
92	20	SOL	14	1647	0.16
93		CROMO	15	1286	0.16
94		TOBIN	1	694	0.16
95		ASCARATE	14	1463	0.16
96		WRANGLER	13	3444	0.15
97		SHEARMAN	10	3249	0.15
98	162	LEO	12	2438	0.15
99		BUTTERFIELD	12	47	0.15
100		VISTA	10	2551	0.15
101		MONTOYA	21	2194	0.15
102		ASCARATE	4	403	0.14
103		ANTHONY	22	1536	0.14
104		ALTURA	3	375	0.14
105		MANN	12	1385	0.13
106		MISSION	1	365	0.13
107		SCOTSDALE	16	1280	0.13
108		DYER	11	2593	0.13
109		CLARDY	1	657	0.13
110		AMERICAS	10	2312	0.13
111		DYER	13	2405	0.13
112		SOL	13	3102	0.12
113		SANTA TERESA	21	2221	0.12
114		THORN	14	2710	0.12
115		SOL	10	2205	0.12
116		MILAGRO	12	2260	0.11
117		MILAGRO	17	1681	0.11
118		SUNSET	2	286	0.11
119		SUMMIT	2	269	0.11
120		YSLETA	1	681	0.11
121		FIVE POINTS	2	195	0.10
122		ANTHONY	20	3819	0.10
123		MILAGRO	13	1662	0.10
124		SIERRA BLANCA		125	0.10
125		MONTOYA	23	2739	0.09
126		DIANA	3	521	0.09
127		VISTA	15	2624	0.08
128	218	MONTOYA	22	12	0.08
129		THORN	15	2185	0.08
130	144	ALTURA	5	394	0.08
131		SHEARMAN	12	3002	0.08
132		SANTA FE	12	2118	0.08
133		SUNSET	5	411	0.08
134		ALAMO	20	1245	0.07
135		MILAGRO	15	1255	0.07
136		VISCOUNT	10	1913	0.07
137		DALLAS	13	1255	0.07
138		MILAGRO	18	2576	0.07
139		RIO BOSQUE	12	3086	0.07

	SAIFI
140       73 HACIENDA       2       422       0.06         141       79 MESA       17       1218       0.06         142       113 MESA       14       1917       0.06         143       94 FRESNO       1       268       0.06         144       96 THORN       1       2517       0.06         144       96 THORN       11       2517       0.06         144       96 THORN       1       275       0.06         145       196 VAN HORN       1       275       0.06         146       167 DALLAS       11       1483       0.06         147       152 ASCARATE       11       1698       0.06         148       177 AUSTIN       3       316       0.05         149       150 SANTA FE       4       477       0.05         150       50 SANTA TERESA       20       1116       0.05         151       174 WHITE       1       269       0.05         152       189 SUNSET NORTH       11       1485       0.05         153       33 AUSTIN       4       707       0.05         154       172 CANUTILLO       1       1400	liue
141       79 MESA       17       1218       0.06         142       113 MESA       14       1917       0.06         143       94 FRESNO       1       268       0.06         144       96 THORN       11       2517       0.06         144       96 THORN       11       2517       0.06         145       196 VAN HORN       1       275       0.06         146       167 DALLAS       11       1483       0.06         147       152 ASCARATE       11       1698       0.06         148       177 AUSTIN       3       316       0.05         149       150 SANTA FE       4       477       0.05         150       50 SANTA TERESA       20       1116       0.05         151       174 WHITE       1       269       0.05         152       189 SUNSET NORTH       11       1485       0.05         153       33 AUSTIN       4       707       0.05         154       172 CANUTILLO       1       1400       0.04         155       225 SANTA FE       5       497       0.04         156       129 SUNSET       15       2037<	
142       113 MESA       14       1917       0.06         143       94 FRESNO       1       268       0.06         144       96 THORN       11       2517       0.06         145       196 VAN HORN       1       275       0.06         146       167 DALLAS       11       1483       0.06         147       152 ASCARATE       11       1698       0.06         148       177 AUSTIN       3       316       0.05         149       150 SANTA FE       4       477       0.05         150       50 SANTA TERESA       20       1116       0.05         151       174 WHITE       1       269       0.05         152       189 SUNSET NORTH       11       1485       0.05         153       33 AUSTIN       4       707       0.05         154       172 CANUTILLO       1       1400       0.04         155       225 SANTA FE       5       497       0.04         156       129 SUNSET       15       2037       0.04         157       148 WRANGLER       10       1963       0.04         158       143 FIVE POINTS       1	
143         94 FRESNO         1         268         0.06           144         96 THORN         11         2517         0.06           145         196 VAN HORN         1         275         0.06           146         167 DALLAS         11         1483         0.06           147         152 ASCARATE         11         1698         0.06           148         177 AUSTIN         3         316         0.05           149         150 SANTA FE         4         477         0.05           150         50 SANTA TERESA         20         1116         0.05           151         174 WHITE         1         269         0.05           152         189 SUNSET NORTH         11         1485         0.05           153         33 AUSTIN         4         707         0.05           154         172 CANUTILLO         1         1400         0.04           155         225 SANTA FE         5         497         0.04           156         129 SUNSET         15         2037         0.04           157         148 WRANGLER         10         1963         0.04           159         22 VISTA	
144       96 THORN       11       2517       0.06         145       196 VAN HORN       1       275       0.06         146       167 DALLAS       11       1483       0.06         147       152 ASCARATE       11       1698       0.06         148       177 AUSTIN       3       316       0.05         149       150 SANTA FE       4       477       0.05         150       50 SANTA TERESA       20       1116       0.05         151       174 WHITE       1       269       0.05         152       189 SUNSET NORTH       11       1485       0.05         153       33 AUSTIN       4       707       0.05         154       172 CANUTILLO       1       1400       0.04         155       225 SANTA FE       5       497       0.04         156       129 SUNSET       15       2037       0.04         157       148 WRANGLER       10       1963       0.04         158       143 FIVE POINTS       1       256       0.04         159       22 VISTA       13       1921       0.04	
145         196 VAN HORN         1         275         0.06           146         167 DALLAS         11         1483         0.06           147         152 ASCARATE         11         1698         0.06           148         177 AUSTIN         3         316         0.05           149         150 SANTA FE         4         477         0.05           150         50 SANTA TERESA         20         1116         0.05           151         174 WHITE         1         269         0.05           152         189 SUNSET NORTH         11         1485         0.05           153         33 AUSTIN         4         707         0.05           154         172 CANUTILLO         1         1400         0.04           155         225 SANTA FE         5         497         0.04           156         129 SUNSET         15         2037         0.04           157         148 WRANGLER         10         1963         0.04           158         143 FIVE POINTS         1         256         0.04           159         22 VISTA         13         1921         0.04	
146       167 DALLAS       11       1483       0.06         147       152 ASCARATE       11       1698       0.06         148       177 AUSTIN       3       316       0.05         149       150 SANTA FE       4       477       0.05         150       50 SANTA TERESA       20       1116       0.05         151       174 WHITE       1       269       0.05         152       189 SUNSET NORTH       11       1485       0.05         153       33 AUSTIN       4       707       0.05         154       172 CANUTILLO       1       1400       0.04         155       225 SANTA FE       5       497       0.04         156       129 SUNSET       15       2037       0.04         157       148 WRANGLER       10       1963       0.04         158       143 FIVE POINTS       1       256       0.04         159       22 VISTA       13       1921       0.04	
147       152 ASCARATE       11       1698       0.06         148       177 AUSTIN       3       316       0.05         149       150 SANTA FE       4       477       0.05         150       50 SANTA TERESA       20       1116       0.05         151       174 WHITE       1       269       0.05         152       189 SUNSET NORTH       11       1485       0.05         153       33 AUSTIN       4       707       0.05         154       172 CANUTILLO       1       1400       0.04         155       225 SANTA FE       5       497       0.04         156       129 SUNSET       15       2037       0.04         157       148 WRANGLER       10       1963       0.04         158       143 FIVE POINTS       1       256       0.04         159       22 VISTA       13       1921       0.04	
148       177 AUSTIN       3       316       0.05         149       150 SANTA FE       4       477       0.05         150       50 SANTA TERESA       20       1116       0.05         151       174 WHITE       1       269       0.05         152       189 SUNSET NORTH       11       1485       0.05         153       33 AUSTIN       4       707       0.05         154       172 CANUTILLO       1       1400       0.04         155       225 SANTA FE       5       497       0.04         156       129 SUNSET       15       2037       0.04         157       148 WRANGLER       10       1963       0.04         158       143 FIVE POINTS       1       256       0.04         159       22 VISTA       13       1921       0.04	
149       150 SANTA FE       4       477       0.05         150       50 SANTA TERESA       20       1116       0.05         151       174 WHITE       1       269       0.05         152       189 SUNSET NORTH       11       1485       0.05         153       33 AUSTIN       4       707       0.05         154       172 CANUTILLO       1       1400       0.04         155       225 SANTA FE       5       497       0.04         156       129 SUNSET       15       2037       0.04         157       148 WRANGLER       10       1963       0.04         158       143 FIVE POINTS       1       256       0.04         159       22 VISTA       13       1921       0.04	
150         50 SANTA TERESA         20         1116         0.05           151         174 WHITE         1         269         0.05           152         189 SUNSET NORTH         11         1485         0.05           153         33 AUSTIN         4         707         0.05           154         172 CANUTILLO         1         1400         0.04           155         225 SANTA FE         5         497         0.04           156         129 SUNSET         15         2037         0.04           157         148 WRANGLER         10         1963         0.04           158         143 FIVE POINTS         1         256         0.04           159         22 VISTA         13         1921         0.04	
151     174 WHITE     1     269     0.05       152     189 SUNSET NORTH     11     1485     0.05       153     33 AUSTIN     4     707     0.05       154     172 CANUTILLO     1     1400     0.04       155     225 SANTA FE     5     497     0.04       156     129 SUNSET     15     2037     0.04       157     148 WRANGLER     10     1963     0.04       158     143 FIVE POINTS     1     256     0.04       159     22 VISTA     13     1921     0.04	
152     189 SUNSET NORTH     11     1485     0.05       153     33 AUSTIN     4     707     0.05       154     172 CANUTILLO     1     1400     0.04       155     225 SANTA FE     5     497     0.04       156     129 SUNSET     15     2037     0.04       157     148 WRANGLER     10     1963     0.04       158     143 FIVE POINTS     1     256     0.04       159     22 VISTA     13     1921     0.04	
153     33 AUSTIN     4     707     0.05       154     172 CANUTILLO     1     1400     0.04       155     225 SANTA FE     5     497     0.04       156     129 SUNSET     15     2037     0.04       157     148 WRANGLER     10     1963     0.04       158     143 FIVE POINTS     1     256     0.04       159     22 VISTA     13     1921     0.04	
154     172 CANUTILLO     1     1400     0.04       155     225 SANTA FE     5     497     0.04       156     129 SUNSET     15     2037     0.04       157     148 WRANGLER     10     1963     0.04       158     143 FIVE POINTS     1     256     0.04       159     22 VISTA     13     1921     0.04	
155     225 SANTA FE     5     497     0.04       156     129 SUNSET     15     2037     0.04       157     148 WRANGLER     10     1963     0.04       158     143 FIVE POINTS     1     256     0.04       159     22 VISTA     13     1921     0.04	
156     129 SUNSET     15     2037     0.04       157     148 WRANGLER     10     1963     0.04       158     143 FIVE POINTS     1     256     0.04       159     22 VISTA     13     1921     0.04	
157     148 WRANGLER     10     1963     0.04       158     143 FIVE POINTS     1     256     0.04       159     22 VISTA     13     1921     0.04	
158         143 FIVE POINTS         1         256         0.04           159         22 VISTA         13         1921         0.04	
159 22 VISTA 13 1921 0.04	
159 22 VISTA 13 1921 0.04	
161 10 SOL 12 2230 0.04	
162 183 COPPER 11 1328 0.04	
163 109 VISTA 12 2319 0.04	
164 185 DALLAS 1 305 0.03	
165 188 COTTON 1 406 0.03	
166 227 SUMMIT 1 243 0.03	
167 95 MONTWOOD 21 522 0.03	
168 85 LEO 2 666 0.03	
169 141 ASCARATE 13 2599 0.02	
170 206 AUSTIN 15 2727 0.02	
171 186 DALLAS 16 1439 0.02	
172 217 MESA 13 1734 0.02	
173 187 RIO BOSQUE 10 5787 0.02	
174 104 CROMO 13 704 0.01	
175 194 DYER 12 1500 0.01	
176 226 SPARKS 11 1173 0.01	
177 166 DALLAS 12 1680 0.01	
178 14 LA TUNA 1 85 0.01	
179 68 KEMP 1 269 0.01	
180 138 SCOTSDALE 13 2659 0.01	
181 151 RADFORD 1 191 0.01	
182 45 SCOTSDALE 14 2301 0.01	
183 108 THORN 10 2019 0.01	
184 184 LANE 13 2333 0.01	
185 190 AMERICAS 12 2984 0.01	
186 49 FARAH 11 1872 0.01	
187 56 SCOTSDALE 11 2437 0.01	

2007 SAIFI	2006 SAIFI	Substation	Feeder	Number of	2007 SAIFI
Ranking	Ranking	Identification	Identification	Customers	Value
188	181	FT. HANCOCK	1	431	0.01
189	197	OCTAVIA	1	301	0.01
190	126	AUSTIN	10	2276	0.01
191	215	DYER	15	176	0.01
192		COPPER	12	1916	0.01
193	1111	SANTA FE	11	528	0.00
194		SUNSET	14	2989	0.00
195		ALTURA	2	329	0.00
196		AUSTIN	16	2024	0.00
197		ASCARATE	12	951	0.00
198		AUSTIN	11	1795	0.00
199		AUSTIN	13	1261	0.00
200	1.0	AUSTIN	14	2405	0.00
201		BUTTERFIELD	10	47	0.00
202		BUTTERFIELD	11	47	0.00
203		BUTTERFIELD	14	11	0.00
204		CLARDY	2	245	0.00
205		COPPER	10	1944	0.00
206		CROMO	10	1974	0.00
207		CROMO	14	13	0.00
208		DALLAS	17	1217	0.00
209		DALLAS	2	347	0.00
210		DALLAS	4	179	0.00
211		EAST	1	166	0.00
212		EAST	2	285	0.00
213		FIVE POINTS	4	321	0.00
214		LATTA	1	524	0.00
215		MANN	15	1240	0.00
216		MESA	16	1662	0.00
217		MONTOYA	24	10	0.00
218		MULBERRY	2	229	0.00
219		RIO BOSQUE	11	1524	0.00
220		RIO GRANDE	11	1788	0.00
221		SANTA FE	1	359	0.00
222		SANTA FE	10	1375	0.00
223		SANTA FE	3	13	0.00
224		SANTA FE	50	779	0.00
225		SUNSET NORTH		2583	0.00
226		SUNSET NORTH	12	2781	0.00
227		SUNSET	1	372	0.00
228		SUNSET	10101	779	0.00
229		SUNSET	13	499	0.00
		SUNSET	7	547	0.00
230		SUNSET	8	391	0.00
231		WRANGLER	11	1216	0.00
232		WRANGLER WRANGLER	12	13	0.00
233			14	520	0.00
234	233	WRANGLER	114	1020	10.00

Distribution Feeder Indices for Forced Interruptions
List all Distribution Feeders on Texas System
With More Than 10 Customers

**Total Number of Feeders** 

234

Add or Delete Rows as Necessary

2007 SAIDI	2006 SAIDI	Substation	Feeder	Number of	2007 SAIDI
Ranking	Ranking	Identification	Identification	Customers	Value
1	36	SOCORRO	10	598	566.37
2	53	RANCHLAND	1	299	449.71
3	197	ALTURA	1	226	426.78
4	105	VISCOUNT	11	2018	416.24
5	70	CLINT	11	1625	360.83
6	94	MIDWAY	1	657	359.01
7	67	MANN	13	2118	355.07
8	43	HORIZON	10	720	260.09
9	5	FELIPE	20	914	256.36
10	162	SCOTSDALE	15	2546	254.58
11	154	MESA	18	926	253.88
12	21	THORN	13	3100	240.86
13	84	CHAPARRAL	11	1339	191.22
14	108	MIDWAY	2	628	187.64
15	134	SHEARMAN	11	2669	170.81
16	80	SPARKS	12	1173	159.64
17	56	AUSTIN	2	540	156.20
18	45	MESA	12	2301	151.95
19	6	COYOTE	10	1773	143.87
20	46	MONTOYA	20	2180	128.72
21	47	RIO GRANDE	15	2707	120.23
22	33	CINECUE	1	535	116.83
23	18	LOMALAND	2	220	113.59
24	76	PARKDALE	2	194	108.67
25	40	HORIZON	11	1959	101.52
26	62	CORONADO	1	590	99.91
27		FARMER	21	1210	91.46
28		AUSTIN	12	1466	91.36
29	89	TOBIN	2	682	89.70
30		LANE	11	1410	88.82
31		AUSTIN	17	1891	87.75
32		MULBERRY	1	114	86.72
33		MANN	11	2164	82.86
34		VISCOUNT	12	2542	80.77
35		MILAGRO	14	848	80.30
36		SOL	15	2652	80.00
37		SCOTSDALE	12	2086	75.24
38		ASCARATE	3	565	74.77
39		ALAMO	21	485	74.57
40		SUNSET	16	255	73.00
41		MANN	10	1014	72.83
42		AUSTIN	1	283	68.34
43	66	ASCARATE	10	1627	66.42

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2007 SAIDI	2006 SAIDI	Substation	Feeder	Number of	2007 SAIDI
Ranking	Ranking	Identification	Identification	Customers	Value
44		BUTTERFIELD	12	47	65.44
45		THORN	12	2433	63.94
46		ALTURA	6	286	63.41
47		VISTA	10	2551	60.78
48		FRONTERA	1	292	59.06
49		CHAPARRAL	10	2009	58.20
50	137	FABENS	1	238	56.48
51	51	ASCARATE	2	330	56.40
52	N/A	GLOBAL REACH	10	200	55.75
53	54	NEWTEX	1	488	53.28
54	3	MONTWOOD	20	1173	51.71
55	7	RIO GRANDE	13	1141	51.21
56	109	SOL	11	2428	48.68
57	12	SIERRA BLANC	20	367	48.18
58	38	THORN	14	2710	47.87
59	100	LEO	11	947	45.00
60	124	CROMO	12	2018	43.72
61		CIELO	1	426	42.96
62	71	HACIENDA	1	312	41.59
63		RANCHLAND	2	276	39.75
64		CROMO	11	987	39.18
65		CLARDY	1	657	38.85
66		VISTA	11	3054	36.50
67		MISSION	2	552	36.42
68		VAN HORN	2	211	35.78
69		WHITE	2	245	35.75
70		PARKDALE	1	307	35.23
71		CALIENTE	11	1288	35.01
72		VALLEY	10	2455	34.77
73		VISTA	14	2389	34.26
74		SOL	13	3102	34.21
75		FIVE POINTS	3	251	34.07
76			13	3444	32.53
77		ALTURA	4	405	31.86
78		CROMO	15	1286	30.56
79		ASCARATE	14	1463	30.15
80		SPARKS	10	558	28.46
81		AMERICAS	10	2312	27.99
82		MILAGRO	12	2260	27.64
83		ASCARATE	1	231	27.32
84		SOL	10	2205	27.30
85	the same of the sa	GRACE	1	301	27.12
86		SOL	14	1647	26.73
87		LEO	12	2438	26.70
88		FABENS	2	659	26.68
89		SHEARMAN	10	3249	26.42
90		MANN	14	2086	26.23
91		CLINT	1	939	26.10
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2007 SAIDI	2006 SAIDI	Substation	Feeder	Number of	2007 SAIDI
Ranking	Ranking	Identification	Identification	Customers	Value
92		DIANA	1	478	25.32
93		MANN	12	1385	24.69
94		NEWTEX	2	516	24.64
95		LOMALAND	1	472	24.24
96		DYER	13	2405	24.15
97		DYER	14	1534	24.11
98		SUNSET	4	370	23.59
99		CALIENTE	10	1929	23.42
100		MILAGRO	11	1263	22.41
101		SANTA TERESA		2221	21.77
102		SOCORRO	11	2667	21.70
103		DYER	11	2593	20.54
104		DIANA	3	521	20.43
105		THORN	15	2185	19.69
106		LANE	12	2204	19.00
107		ALTURA	3	375	18.05
108		MISSION	1	365	17.94
109		MONTOYA	21	2194	17.73
110		VISTA	15	2624	17.03
111		SHEARMAN	12	3002	17.03
112		MESA	17	1218	16.69
113		MESA	14	1917	16.52
114		LEO	1	1189	16.26
115		ANTHONY	22	1536	16.03
116		AMERICAS	11	374	15.84
117		SANTA TERESA		1116	15.53
118	1.00	SUNSET	2	286	15.47
119		MORNINGSIDE		365	15.41
120		MORNINGSIDE	1	338	15.06
121		WHITE	1	269	12.83
122		ALAMO	20	1245	12.70
123		ANTHONY	20	3819	11.74
124		THORN	11	2517	11.71
125		SCOTSDALE	16	1280	11.37
126		MILAGRO	13	1662	10.03
127		ASCARATE	11	1698	9.87
128		SANTA FE	4	477	9.86
129		BEAUMONT	1	605	9.78
130		YSLETA	1	681	9.51
131		RIO BOSQUE	12	3086	9.51
132		TOBIN	1	694	9.34
133		MILAGRO	15	1255	8.96
134		ASCARATE	13	2599	8.30
135		DALLAS	1	305	8.19
136		MESA	13	1734	7.77
137		MONTOYA	23	2739	7.58
138		CROMO	13	704	7.53
139		MILAGRO	18	2576	7.31

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2007 SAIDI	2006 SAIDI	Substation	Feeder	Number of	2007 SAIDI
Ranking	Ranking	Identification	Identification	Customers	Value
140		VISTA	12	2319	6.76
141		WRANGLER	10	1963	6.64
142		CANUTILLO	1	1400	6.64
143		ASCARATE	4	403	6.34
144		FRESNO	1	268	6.21
145		MONTOYA	22	12	5.88
146		SIERRA BLANC		125	5.46
147		MILAGRO	17	1681	5.27
148		ALTURA	5	394	5.18
149		AUSTIN	4	707	5.10
150		DALLAS	13	1255	4.79
151		VISTA	13	1921	4.75
152		VISCOUNT	10	1913	4.04
153		FIVE POINTS	2	195	4.00
154		COPPER	11	1328	3.89
155		DALLAS	11	1483	3.73
156	188	AUSTIN	3	316	3.64
157	96	SUNSET	5	411	3.57
158	123	SUNSET	15	2037	3.45
159	59	HACIENDA	2	422	3.39
160	201	VAN HORN	1	275	3.36
161	11	SOL	12	2230	3.34
162	185	COTTON	1	406	2.73
163	192	RIO BOSQUE	10	5787	2.64
164	102	LEO	2	666	2.25
165		SUMMIT	2	269	2.23
166	206	SANTA FE	12	2118	2.12
167	163	FIVE POINTS	1	256	2.07
168	130	MONTWOOD	21	522	1.87
169		DALLAS	12	1680	1.83
170		AUSTIN	15	2727	1.75
171		SANTA FE	5	497	1.71
172			12	1500	1.50
173		OCTAVIA	1	301	1.46
174		SANTA FE	2	411	1.43
175		AUSTIN	10	2276	1.23
176		SUMMIT	1	243	1.09
177		KEMP	1	269	1.02
178		SUNSET NORTH		1485	0.99
179		SPARKS	11	1173	0.85
180		LANE	13	2333	0.84
181		DALLAS	16	1439	0.80
182		RADFORD	1	191	0.80
183		SCOTSDALE	14	2301	0.72
184		THORN	10	2019	0.67
185		AMERICAS	12	2984	0.62
186		FARAH	11	1872	0.55
187		DYER	15	176	0.54
101	213	יבו	10	11.0	V.O-1

2007 SAIDI	2006 SAIDI	Substation	Feeder	Number of	2007 SAIDI
Ranking	Ranking	Identification	Identification	Customers	Value
188		SCOTSDALE	11	2437	0.50
189		COPPER	12	1916	0.47
190		FT. HANCOCK	1	431	0.47
191		SCOTSDALE	13	2659	0.46
192		LA TUNA	1	85	0.46
193		SANTA FE	11	528	0.41
194		SUNSET	14	2989	0.23
195		ALTURA	2	329	0.14
196		AUSTIN	16	2024	0.06
197		ASCARATE	12	951	0.00
198		AUSTIN	11	1795	0.00
199		AUSTIN	13	1261	0.00
200		AUSTIN	14	2405	0.00
200		BUTTERFIELD	10	47	0.00
201		BUTTERFIELD	11	47	0.00
		BUTTERFIELD		11	0.00
203			14		
204		CLARDY	2	245	0.00
205		COPPER	10	1944	0.00
206		CROMO	10	1974	0.00
207		CROMO	14	13	0.00
208		DALLAS	17	1217	0.00
209		DALLAS	2	347	0.00
210		DALLAS	4	179	0.00
211		EAST	1	166	0.00
212		EAST	2	285	0.00
213		FIVE POINTS	4	321	0.00
214		LATTA	1	524	0.00
215		MANN	15	1240	0.00
216		MESA	16	1662	0.00
217		MONTOYA	24	10	0.00
218		MULBERRY	2	229	0.00
219		RIO BOSQUE	11	1524	0.00
220			11	1788	0.00
221		SANTA FE	1	359	0.00
222		SANTA FE	10	1375	0.00
223		SANTA FE	3	13	0.00
224		SANTA FE	50	779	0.00
225		SUNSET NORTI		2583	0.00
226		SUNSET NORTI	12	2781	0.00
227		SUNSET	1	372	0.00
228		SUNSET	10101	779	0.00
229		SUNSET	13	499	0.00
230	174	SUNSET	7	547	0.00
231		SUNSET	8	391	0.00
232	20	WRANGLER	11	1216	0.00
233	232	WRANGLER	12	13	0.00
234	233	WRANGLER	14	520	0.00

### El Paso Electric Company

### **INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2007 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	40.73%
Vegetation	8.01%
Animals and Birds	12.76%
People (Including cars and farm equip)	5.73%
Utility-owned Equipment	18.57%
Other	5.70%
Unknown	8.50%