



Control Number: 23436



Item Number: 21

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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.

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**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  
Southwestern Public Service Co

**Feeders:** Type Total Number of Distribution Feeders in the Cell Below  
355

**Due:** February 14, 2001

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

**Project:** 23436

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

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**Service Quality Report**  
To The  
**Public Utility Commission of Texas**  
In Accordance With  
**Substantive Rule §25.81**  
**2000 Reporting Year**

**Southwestern Public Service Co**

**Project 23436**

Service Quality Report to the Public Utility Commission of Texas

**Southwestern Public Service Co**

<b>System SAIFI</b>		Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>Forced</b>													
1999		0.7887	0.0507	0.0219	0.0834	0.1162	0.0668	0.1731	0.0607	0.0549	0.0502	0.0389	0.0339
2000		0.6081	0.0346	0.0197	0.1204	0.0360	0.0822	0.0662	0.0431	0.0383	0.0232	0.0440	0.0810
<b>Scheduled</b>													
1999		0.0206	0.0016	0.0009	0.0054	0.0018	0.0012	0.0022	0.0013	0.0008	0.0030	0.0011	0.0008
2000		0.0233	0.0007	0.0010	0.0017	0.0006	0.0010	0.0082	0.0033	0.0020	0.0008	0.0006	0.0006
<b>Outside Causes</b>													
1999		0.3413	0.0211	0.0054	0.0318	0.0815	0.0190	0.0632	0.0252	0.0408	0.0220	0.0237	0.0029
2000		0.0115	0.0000	0.0011	0.0010	0.0000	0.0023	0.0000	0.0047	0.0000	0.0000	0.0022	0.0002
<b>Major Events</b>													
1999		0.6812	0.4496	0.0082	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.2249
2000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Service Quality Report to the Public Utility Commission of Texas

**Southwestern Public Service Co**

<b>System SAIDI</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>													
1999	55.09	5.66	1.89	6.43	8.46	5.13	10.38	4.10	3.41	3.43	3.11	2.26	2.24
2000	45.28	1.31	1.16	9.33	1.71	5.16	5.83	3.90	1.90	1.59	2.98	2.18	8.81
<b>Scheduled</b>													
1999	1.46	0.08	0.06	0.64	0.11	0.05	0.11	0.07	0.06	0.10	0.05	0.10	0.04
2000	1.57	0.06	0.05	0.08	0.06	0.08	0.41	0.53	0.07	0.05	0.06	0.06	0.07
<b>Outside Causes</b>													
1999	17.67	0.40	0.33	1.82	6.25	0.39	2.79	1.42	2.03	1.33	0.64	0.28	0.03
2000	0.72	0.00	0.07	0.11	0.00	0.14	0.00	0.29	0.00	0.00	0.09	0.02	0.00
<b>Major Events</b>													
1999	420.20	317.20	6.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.04
2000	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

# 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

<b>355</b>
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Add or Delete Rows as Necessary

**Southwestern Public Service Co**

2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIFI Value
1	Soncy	7116	66	33.8485
2	Carson County	7030	87	9.4713
3	Littlefield City	LI630	306	6.5980
4	Sherman County	1452	32	5.5313
5	Kingsmill	5100	131	5.4580
6	Lehman	LV500	159	5.3145
7	Fritch	1360	826	5.2506
8	Exell	1238	171	4.4444
9	Booker	33-08	1067	4.4274
10	Herring	1434	1653	3.9335
11	Allred	S180	112	3.9196
12	Wellman	S755	228	3.6184
13	Carson County	7034	49	3.5510
14	Estacado	5D15	1361	3.1609
15	Kress Rural	KR120	148	2.7905
16	Cedar Lake East	S910	33	2.6970
17	Whiteface	LV210	154	2.5519
18	Tenneco	S440	53	2.5094
19	Muleshoe Valley	MR150	99	2.4949
20	Buffalo	5165	306	2.4935
21	Kite	5B80	851	2.3314
22	Spearman Int	1512	905	2.2597
23	Muleshoe West	MR140	688	2.2500
24	Doud	6305	1704	2.2424
25	Waterfield	2361	487	2.2156
26	Riverview	R095	730	2.1945
27	Moss	6320	1845	2.1024
28	Tuco	N412	651	2.0937
29	Van Buren	7198	1778	2.0917
30	Middleton	LV820	54	1.9444
31	Slaton	6600	525	1.9410
32	Littlefield City	LI640	673	1.9331
33	Wildorado	2018	107	1.8785
34	Monroe	6610	517	1.8549
35	Dalhart	1664	79	1.8481
36	Channing	1564	17	1.8235
37	Highland Park	5335	810	1.7827
38	Flanagan	S550	40	1.7500
39	Perryton	1230	917	1.7067
40	Doss	6660	80	1.6750
41	Soncy	7024	2101	1.6330
42	Grave	7178	1524	1.6325
43	Kingsmill	5105	647	1.6213

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

### Southwestern Public Service Co

2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIFI Value
44	Kingsmill	5115	1033	1.6060
45	Riley	S500	42	1.5952
46	Burnett	1394	129	1.5659
47	Vega	5170	646	1.5279
48	Conway	5010	1380	1.5196
49	Allred	S140	53	1.4906
50	Kress Rural	KR140	147	1.4490
51	Irick	IB110	55	1.4364
52	Canyon East	5185	452	1.4292
53	Dimmitt South	DI120	255	1.4078
54	Dimmitt South	DI110	312	1.3397
55	East Plant	A118	1704	1.2952
56	Sherman County	1456	1420	1.2923
57	Moss	6540	315	1.2889
58	Barwise	IB140	65	1.2769
59	Roxana	2076	873	1.2726
60	Jaybee	S765	37	1.2703
61	Kite	5075	1057	1.2554
62	Indiana	7480	1861	1.2235
63	Pierce	5B05	1016	1.2215
64	Kingsmill	5110	489	1.2127
65	Plant X	X310	1034	1.2118
66	South Georgia	2338	3292	1.2111
67	Weatherly	1354	765	1.1869
68	Pacific	LV930	11	1.1818
69	LYONS	5C25	677	1.1817
70	Fritch	1364	2064	1.1807
71	Etter Rural	5405	969	1.1796
72	Kite	7106	581	1.1790
73	Lawrence Park	5315	705	1.1787
74	Russell	S280	96	1.1771
75	Boardman	S430	48	1.1667
76	Littlefield South	LI120	63	1.1587
77	Springlake	SO140	54	1.1481
78	Levelland City	LV190	2541	1.1476
79	Tascosa	1218	174	1.1437
80	Acco	L580	195	1.1436
81	Levelland City	LV180	2658	1.1411
82	Stanton	6570	123	1.1301
83	Dumas 19th Street	1470	2623	1.1266
84	Parmer County	2475	796	1.1181
85	Manhattan	7164	1285	1.1082
86	34th Street	5B85	1717	1.0996
87	Slaton	SL150	1055	1.0730
88	Plainview West	P130	603	1.0697
89	Garza	6520	533	1.0694
90	Sherman County	1448	807	1.0545
91	Acco	L570	256	1.0391

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

### Southwestern Public Service Co

2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIFI Value
92	Canadian	325	406	1.0197
93	Springcreek	1316	434	1.0184
94	Exell	1242	109	1.0183
95	ODC	S325	127	1.0157
96	Bowers	2057	541	1.0148
97	Littlefield West	LI156	259	1.0116
98	Booker	535	264	1.0114
99	Doud	6325	2031	1.0094
100	Sunset	5D30	29	1.0000
101	Sudan Rural	SR120	558	0.9857
102	Westridge	P460	457	0.9803
103	Spearman	302	642	0.9782
104	Yellowhouse	LV900	30	0.9667
105	Dumas 19th Street	1498	27	0.9630
106	Hereford	2630	1185	0.9561
107	Hendrick	6685	1429	0.9475
108	Riverview	R100	429	0.9417
109	Plainview South	P220	1519	0.9263
110	Springcreek	1320	174	0.9023
111	Channing	145-3	230	0.8739
112	Allen	L505	166	0.8675
113	Farmers	5395	665	0.8436
114	Herring	1438	155	0.8387
115	Lewters	L470	39	0.7692
116	Bowers	5090	313	0.7093
117	Hastings	7086	659	0.7086
118	Plainview East	P160	573	0.7051
119	Moore Co	M055	33	0.6970
120	Dalhart	1298	1021	0.6925
121	Lawrence Park	5275	1277	0.6680
122	Muleshoe West	MR130	98	0.6531
123	Sunset	5D35	211	0.6445
124	Weatherly	1350	733	0.6166
125	Channing	1568	25	0.6000
126	Waterfield	2364	361	0.5845
127	Doss	6670	1932	0.5730
128	West Borger	1A15	1575	0.5727
129	Manhattan	5135	655	0.5603
130	Soncy	5130	1178	0.5501
131	Dawn	5A35	323	0.5387
132	McLean Rural	5300	859	0.5320
133	Indiana	7465	1035	0.5256
134	McCullough	5085	1180	0.5025
135	Arrowhead	5D85	1428	0.4965
136	Van Buren	7194	414	0.4879
137	East Plant	A110	895	0.4715
138	Garza	PO120	595	0.4672
139	Planters	L710	1251	0.4660



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

### Southwestern Public Service Co

2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIFI Value
140	Springlake	SO150	73	0.4658
141	Wildorado	2014 *	189	0.4550
142	Canyon West	7128	3350	0.4397
143	Whitaker	5260	1362	0.4258
144	Southeast	5C85	2416	0.4135
145	Canyon East	5190	1162	0.4079
146	ODC	S335	53	0.3962
147	Murphy	7535	1957	0.3761
148	Bush	5210	2185	0.3735
149	Clutter	6630	500	0.3700
150	Happy	7040	304	0.3684
151	Indiana	7440	11	0.3636
152	Etter Rural	5410	407	0.3587
153	Garza	6500	504	0.3571
154	Southeast	5C80	383	0.3499
155	Bush	5205	1277	0.3477
156	Levelland East	LV950	410	0.3366
157	County Line	CL110	21	0.3333
158	South Georgia	2346	977	0.3316
159	El Paso	S320	212	0.3302
160	McCullough	7002	1458	0.3265
161	Tascosa	1222	37	0.3243
162	Waterfield	2368	251	0.3227
163	Wheelock	7370	1874	0.3180
164	Soncy	7020	860	0.3116
165	Barwise	IB130	68	0.3088
166	Hale Center	HR110	849	0.3062
167	Hastings	7078	2953	0.3024
168	Littlefield South	LI110	1495	0.3023
169	Irick	IB120	20	0.3000
170	Tokio	S800	103	0.2913
171	Doss	S400	1275	0.2894
172	Tuco	N404	889	0.2835
173	Lockney Rural	LA150	86	0.2791
174	West Borger	1A10	914	0.2779
175	Amoco	LV920	242	0.2645
176	Boardman	S560	112	0.2589
177	Stanton	L540	786	0.2583
178	Slaton	6690	803	0.2578
179	Carlisle	6650	1851	0.2555
180	Cherry	5C10	835	0.2515
181	Cherry	5C15	1108	0.2509
182	Dalhart	1580	145	0.2483
183	Perryton	1235	1340	0.2410
184	East Plant	A122	1326	0.2406
185	Lockney Rural	LA140	97	0.2371
186	LYONS	5C20	1513	0.2267
187	Allen	L520	1114	0.2226

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

### Southwestern Public Service Co

2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIFI Value
188	Vickers	6680	1588	0.2217
189	Pierce	5B10	841	0.2200
190	Lehman	LV510	240	0.2125
191	Hart	HA120	628	0.2118
192	South Georgia	2342	782	0.2110
193	Stanton	6430	1624	0.2106
194	34th Street	5B95	1974	0.2097
195	Van Buren	7048	433	0.2009
196	Olton	SO180	635	0.1984
197	South Georgia	5B30	1399	0.1937
198	Allen	L745	798	0.1880
199	South Georgia	5B40	2460	0.1850
200	Whitaker	5270	1993	0.1786
201	Denver City East	S100	685	0.1723
202	Coulter	5290	1588	0.1694
203	Roxana	2334	207	0.1691
204	Lawrence Park	5025	1740	0.1672
205	Dumas 19th Street	1367	1772	0.1665
206	El Paso	S340	478	0.1632
207	Conway	5005	1834	0.1587
208	Hart	HA110	95	0.1579
209	Pierce	5B00	1140	0.1553
210	Zavalla	LV790	13	0.1538
211	Texaco	LV980	26	0.1538
212	Dalhart	1246	1335	0.1513
213	Ivory	L680	86	0.1512
214	Plainview South	P230	622	0.1511
215	Highland Park	5325	312	0.1506
216	Canyon West	5160	668	0.1497
217	Levelland East	LV960	1083	0.1496
218	Perryton	1530	1040	0.1481
219	South Georgia	5B35	1543	0.1465
220	Farmers	5390	2803	0.1399
221	Centre Street	5310	1356	0.1342
222	Aiken Rural	LA110	112	0.1339
223	Levelland City	LV520	210	0.1333
224	Wheelock	7365	1744	0.1325
225	Hastings	7082	1344	0.1302
226	Murphy	7430	784	0.1301
227	Littlefield City	LI610	617	0.1297
228	Industrial	1416	706	0.1289
229	Arrowhead	5D80	225	0.1289
230	Coulter	5285	1336	0.1287
231	Plainview East	P180	110	0.1273
232	Plainview West	P120	1756	0.1128
233	Muleshoe East	MU630	296	0.1115
234	Pacific	LV940	72	0.1111
235	Sudan Rural	SR110	120	0.1083

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

### Southwestern Public Service Co

2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIFI Value
236	Puckett West	5C30	944	0.1081
237	Roberts County	7010	564	0.1046
238	Elwood	LV140	70	0.1000
239	Booker	422	212	0.0991
240	Centre Street	5305	2357	0.0980
241	Manhattan	7160	1313	0.0975
242	34th Street	5B90	873	0.0951
243	Brisco	3434	560	0.0946
244	Van Buren	7046	1729	0.0937
245	West Anton	3502	688	0.0916
246	Morton	M120	765	0.0915
247	Hastings	7074	1673	0.0915
248	Clutter	6620	1772	0.0909
249	Hereford	2627	1697	0.0907
250	Denver City East	S110	1503	0.0905
251	Van Buren	7044	940	0.0904
252	Plainview East	P150	181	0.0884
253	Plainview North	P260	1559	0.0866
254	Coulter	5280	798	0.0865
255	East Plant	A126	609	0.0854
256	Lawrence Park	5050	1056	0.0852
257	Lawrence Park	5020	1471	0.0850
258	Kress Rural	KR110	369	0.0840
259	Wheelock	7375	848	0.0825
260	Morton	M130	511	0.0822
261	Allmon	AT120	658	0.0821
262	Olton	SO170	633	0.0806
263	Plainview City	P630	760	0.0803
264	Wade	1420	63	0.0794
265	Estacado	5D20	544	0.0790
266	McCullough	7005	1506	0.0784
267	Happy	2326	360	0.0778
268	South Floydada	3547	823	0.0765
269	Prentice	S875	40	0.0750
270	Canadian	350	227	0.0749
271	Plainview City	P620	433	0.0739
272	Spearman	301	443	0.0722
273	Muleshoe East	MU640	266	0.0714
274	Industrial	1412	805	0.0708
275	Dimmitt East	DI180	390	0.0692
276	Doud	6480	2050	0.0683
277	Lawrence Park	5030	733	0.0682
278	Dalhart	108	363	0.0661
279	Batton	L624	1070	0.0607
280	South Floydada	3551	33	0.0606
281	Lockney Rural	3417	1111	0.0603
282	Dalhart	106	150	0.0600
283	Ivory	L685	1204	0.0556

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

### Southwestern Public Service Co

2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIFI Value
284	Plainview City	P670	235	0.0553
285	San Andres	S370	382	0.0550
286	Perryton	1535	879	0.0535
287	Bush	5215	1291	0.0534
288	Lariat	MR110	100	0.0500
289	Brownfield	6580	349	0.0487
290	Amherst	AM620	456	0.0482
291	Westridge	P450	1389	0.0475
292	Stanton	6420	682	0.0469
293	Estacado	5D10	2590	0.0467
294	Allen	L510	1058	0.0454
295	Friona Rural	2436	1621	0.0450
296	Zavalla	LV780	23	0.0435
297	Lynn	6300	603	0.0431
298	Stanton	6410	961	0.0427
299	Dimmitt East	DI150	963	0.0405
300	Batton	L622	912	0.0373
301	Plainview West	P110	1026	0.0370
302	Dalhart	116	302	0.0364
303	Ivory	L682	138	0.0362
304	Canyon West	7124	2244	0.0348
305	Farmers	5385	231	0.0346
306	Riverview	R090	29	0.0345
307	Batton	L640	1000	0.0330
308	Dalhart	114	495	0.0323
309	Booker	421	187	0.0321
310	Hendrick	6675	1657	0.0308
311	Mulshoe City	MU610	571	0.0298
312	Whitaker	5265	38	0.0263
313	Indiana	7450	1806	0.0260
314	Amherst	AM610	41	0.0244
315	Puckett West	5C35	1877	0.0240
316	Plainview South	P210	102	0.0196
317	Spearman	401	411	0.0195
318	Bowers	2053	52	0.0192
319	Spearman	402	348	0.0172
320	Moore Co	M060	127	0.0157
321	Mulshoe City	MU620	737	0.0136
322	Carlisle	6635	1046	0.0115
323	Plainview City	P680	100	0.0100
324	Allen	L740	1122	0.0098
325	Plainview City	P690	210	0.0095
326	Canadian	340	426	0.0094
327	Batton	L650	357	0.0084
328	Plainview North	P270	142	0.0070
329	Allen	L750	778	0.0064
330	Littlefield City	LI620	166	0.0060
331	Doud	6345	561	0.0036

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

### **Southwestern Public Service Co**

<b>2000 SAIFI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2000 SAIFI Value</b>
332	Whiteface	LV220	312	0.0032
333	Dumas 19th Street	1371	1015	0.0030
334	Doss	S410	159	-
335	Fianagan	S540	39	-
336	Adair	S790	15	-
337	Riley	S510	127	-
338	Kingsmill	2180	2345	-
339	Kingsmill	5095	44	-
340	Lynn	6340	1103	-
341	Lynn	6510	26	-
342	Middleton	LV810	27	-
343	Mallet	LV120	16	-
344	Friona	2410	1647	-
345	Parmer County	2465	22	-
346	Parmer County	2455	818	-
347	Fain	1105	28	-
348	Dumas 19th Street	1444	5437	-
349	West Borger	1A20	815	-
350	Palo Duro	5235	160	-
351	Van Buren	7186	2058	-
352	Van Buren	7184	781	-
353	Puckett West	5C60	710	-
354	Pullman	2A40	101	-
355	Van Buren	7190	68	-

## 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

**355**

Add or Delete Rows as Necessary

### **Southwestern Public Service Co**

2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIDI Value
1	Carson County	7030	87	2,166.99
2	Exell	1242	109	1,419.20
3	Allred	S180	112	1,366.26
4	Wellman	S755	228	1,160.17
5	Waterfield	2361	487	1,052.72
6	Littlefield City	LI630	306	1,043.07
7	Sherman County	1452	32	999.34
8	Middleton	LV820	54	941.89
9	Riley	S500	42	788.33
10	Tenneco	S440	53	730.23
11	Kingsmill	5100	131	722.45
12	Tascosa	1218	174	577.04
13	Monroe	6610	517	540.73
14	Booker	33-08	1067	534.55
15	Lehman	LV500	159	520.03
16	Muleshoe Valley	MR150	99	493.34
17	Wildorado	2018	107	452.96
18	Kress Rural	KR120	148	406.22
19	Cedar Lake East	S910	33	399.58
20	Buffalo	5165	306	390.82
21	Herring	1434	1653	342.70
22	Jaybee	S765	37	331.19
23	Exell	1238	171	323.19
24	Riverview	R095	730	317.47
25	ODC	S325	127	311.34
26	Acco	L570	256	289.82
27	Barwise	IB140	65	278.37
28	Carson County	7034	49	274.86
29	Farmers	5395	665	273.64
30	Roxana	2076	873	271.96
31	Sudan Rural	SR120	558	267.27
32	Irick	IB110	55	252.42
33	Muleshoe West	MR140	688	217.22
34	Flanagan	S550	40	213.25
35	Highland Park	5335	810	208.46
36	Burnett	1394	129	206.53
37	Dalhart	1664	79	205.06
38	Canyon East	5185	452	201.44
39	Spearman Int	1512	905	197.85
40	Conway	5010	1380	194.94
41	Russell	S280	96	193.99
42	Herring	1438	155	192.26
43	Moss	6540	315	188.07

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

### Southwestern Public Service Co

2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIDI Value
44	Kingsmill	5115	1033	187.04
45	Doss	6660	80	186.68
46	Fritch	1360	826	186.03
47	Soncy	7024	2101	185.00
48	Soncy	7116	66	178.29
49	Whiteface	LV210	154	174.94
50	Sherman County	1448	807	172.90
51	Springcreek	1316	434	171.18
52	Staton	6600	525	164.11
53	Estacado	5D15	1361	160.62
54	Kite	5B80	851	158.77
55	Boardman	S430	48	155.83
56	Van Buren	7198	1778	150.99
57	Garza	6520	533	149.33
58	Westridge	P460	457	148.97
59	Allred	S140	53	146.00
60	Littlefield City	LI640	673	145.81
61	Moss	6320	1845	144.77
62	Sherman County	1456	1420	143.48
63	34th Street	5B85	1717	141.49
64	Manhattan	7164	1285	141.19
65	Indiana	7480	1861	134.19
66	Perryton	1230	917	131.16
67	Etter Rural	5405	969	126.69
68	Doud	6305	1704	125.45
69	Riverview	R100	429	123.71
70	Springcreek	1320	174	120.63
71	Sunset	5D30	29	118.00
72	Kingsmill	5105	647	115.22
73	Channing	1568	25	109.44
74	Grave	7178	1524	107.15
75	East Plant	A110	895	106.24
76	Stanton	6570	123	104.83
77	Doss	6670	1932	103.49
78	Lawrence Park	5315	705	102.01
79	Pierce	5B05	1016	99.56
80	Kingsmill	5110	489	98.63
81	Yellowhouse	LV900	30	97.93
82	Bowers	2057	541	97.71
83	Weatherly	1350	733	96.41
84	Kress Rural	KR140	147	94.47
85	Littlefield West	LI156	259	92.51
86	Plainview East	P160	573	90.88
87	Parmer County	2475	796	90.80
88	Vega	5170	646	88.27
89	Springlake	SO140	54	86.76
90	East Plant	A118	1704	86.35
91	Levelland City	LV180	2658	83.18

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

### Southwestern Public Service Co

2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIDI Value
92	Tuco	N412	651	81.03
93	Dimmitt South	DI120	255	77.55
94	Fritch	1364	2064	75.84
95	Planters	L710	1251	73.82
96	LYONS	5C25	677	73.72
97	Waterfield	2364	361	73.19
98	Canyon East	5190	1162	72.01
99	Plant X	X310	1034	71.48
100	Hastings	7086	659	71.02
101	Lewters	L470	39	69.03
102	Canyon West	7128	3350	68.77
103	Plainview West	P130	603	67.01
104	Sunset	5D35	211	66.58
105	Booker	535	264	66.48
106	McLean Rural	5300	859	65.85
107	Manhattan	5135	655	64.53
108	South Georgia	2338	3292	64.43
109	McCullough	5085	1180	64.39
110	Dawn	5A35	323	63.27
111	Levelland City	LV190	2541	63.03
112	Hart	HA120	628	62.71
113	Tascosa	1222	37	61.62
114	Springlake	SO150	73	55.88
115	West Borger	1A15	1575	55.34
116	Waterfield	2368	251	55.21
117	Hereford	2630	1185	53.95
118	Clutter	6630	500	53.28
119	Moore Co	M055	33	51.94
120	Van Buren	7194	414	48.30
121	Acco	L580	195	48.22
122	Allen	L505	166	48.14
123	Muleshoe West	MR130	98	46.89
124	West Borger	1A10	914	46.15
125	Doss	S400	1275	46.06
126	Whitaker	5260	1362	44.41
127	Weatherly	1354	765	43.82
128	Lawrence Park	5275	1277	43.60
129	Tuco	N404	889	41.13
130	Kite	5075	1057	40.34
131	Dumas 19th Street	1470	2623	40.03
132	Tokio	S800	103	38.05
133	Doud	6325	2031	37.61
134	Hendrick	6685	1429	37.34
135	South Georgia	2346	977	37.14
136	34th Street	5B95	1974	36.93
137	Dimmitt South	DI110	312	36.92
138	Southeast	5C80	383	35.41
139	Bowers	5090	313	35.35



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

### Southwestern Public Service Co

2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIDI Value
140	Stanton	L540	786	34.53
141	Southeast	5C85	2416	34.40
142	Bush	5205	1277	34.29
143	Wildorado	2014	189	33.16
144	Indiana	7465	1035	33.10
145	Indiana	7440	11	33.09
146	Bush	5210	2185	32.57
147	Dalhart	1298	1021	32.31
148	Arrowhead	5D85	1428	31.10
149	Littlefield South	LI120	63	30.79
150	Kite	7106	581	30.61
151	Channing	145-3	230	30.59
152	Boardman	S560	112	29.35
153	Olton	SO180	635	28.95
154	Soncy	5130	1178	28.78
155	Carlisle	6650	1851	28.63
156	Pacific	LV930	11	27.91
157	Roxana	2334	207	27.20
158	Murphy	7535	1957	26.99
159	Garza	PO120	595	25.53
160	Barwise	IB130	68	24.82
161	Littlefield City	LI610	617	24.65
162	Lawrence Park	5025	1740	24.60
163	Lockney Rural	LA150	86	23.63
164	Hastings	7078	2953	23.29
165	East Plant	A122	1326	23.23
166	Happy	7040	304	23.14
167	Channing	1564	17	22.88
168	Soncy	7020	860	22.42
169	McCullough	7002	1458	22.18
170	Plainview South	P220	1519	22.06
171	Garza	6500	504	22.05
172	Cherry	5C15	1108	21.30
173	Hale Center	HR110	849	21.17
174	Slaton	6690	803	20.87
175	ODC	S335	53	20.26
176	County Line	CL110	21	20.00
177	Highland Park	5325	312	18.84
178	Allen	L745	798	18.79
179	El Paso	S320	212	18.78
180	Perryton	1235	1340	18.55
181	Etter Rural	5410	407	18.22
182	South Georgia	5B30	1399	17.35
183	Whitaker	5270	1993	17.31
184	Centre Street	5310	1356	16.88
185	Hart	HA110	95	16.09
186	Hastings	7074	1673	16.02
187	Dalhart	1580	145	16.01

# Service Quality Report to the Public Utility Commission of Texas

## Southwestern Public Service Co

2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIDI Value
188	Texaco	LV980	26	16.00
189	Conway	5005	1834	15.99
190	Dumas 19th Street	1367	1772	15.88
191	Murphy	7430	784	15.50
192	South Georgia	2342	782	15.46
193	Littlefield South	LI110	1495	15.40
194	Vickers	6680	1588	15.24
195	Irick	IB120	20	15.05
196	Cherry	5C10	835	14.69
197	Wheelock	7365	1744	14.47
198	South Georgia	5B40	2460	14.47
199	Farmers	5390	2803	13.97
200	Pierce	5B10	841	13.31
201	Pierce	5B00	1140	12.98
202	Coulter	5290	1588	12.94
203	Sudan Rural	SR110	120	12.71
204	Lehman	LV510	240	12.34
205	Hastings	7082	1344	12.25
206	Arrowhead	5D80	225	11.93
207	Stanton	6430	1624	11.59
208	Coulter	5285	1336	11.51
209	Plainview South	P230	622	11.06
210	Industrial	1416	706	10.93
211	LYONS	5C20	1513	10.81
212	Lockney Rural	LA140	97	10.66
213	Allen	L520	1114	10.64
214	Van Buren	7046	1729	10.59
215	Booker	422	212	10.55
216	Amoco	LV920	242	10.55
217	Wheelock	7370	1874	10.42
218	Plainview East	P180	110	10.25
219	Aiken Rural	LA110	112	10.11
220	Van Buren	7048	433	9.98
221	Levelland East	LV950	410	9.94
222	Dumas 19th Street	1498	27	9.63
223	Denver City East	S100	685	9.50
224	Perryton	1530	1040	9.35
225	East Plant	A126	609	9.00
226	Manhattan	7160	1313	8.74
227	Hendrick	6675	1657	8.63
228	Puckett West	5C30	944	8.63
229	Ivory	L680	86	8.49
230	Dalhart	1246	1335	8.46
231	El Paso	S340	478	8.38
232	Slaton	SL150	1055	8.31
233	Clutter	6620	1772	7.82
234	Levelland City	LV520	210	7.49
235	South Georgia	5B35	1543	7.46

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

### Southwestern Public Service Co

2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIDI Value
236	Plainview East	P150	181	7.33
237	Amherst	AM610	41	7.32
238	Van Buren	7044	940	7.15
239	Centre Street	5305	2357	7.04
240	Mulshoe East	MU640	266	7.01
241	Lawrence Park	5050	1056	6.82
242	Dimmitt East	DI150	963	6.78
243	Lawrence Park	5030	733	6.75
244	Plainview West	P120	1756	6.70
245	Morton	M120	765	6.66
246	Brisco	3434	560	6.61
247	Wade	1420	63	6.59
248	Levelland East	LV960	1083	6.55
249	Estacado	5D20	544	6.44
250	Coulter	5280	798	6.36
251	Mulshoe East	MU630	296	6.29
252	Allmon	AT120	658	6.24
253	Lawrence Park	5020	1471	6.24
254	Bush	5215	1291	6.14
255	Amherst	AM620	456	6.09
256	Spearman	302	642	5.90
257	Olton	SO170	633	5.84
258	Lockney Rural	3417	1111	5.79
259	Wheelock	7375	848	5.63
260	Roberts County	7010	564	5.55
261	West Anton	3502	688	5.51
262	Denver City East	S110	1503	5.44
263	McCullough	7005	1506	5.38
264	Allen	L510	1058	5.24
265	San Andres	S370	382	5.22
266	Plainview North	P260	1559	5.19
267	Lariat	MR110	100	4.85
268	Batton	L624	1070	4.85
269	Stanton	6420	682	4.83
270	Canyon West	5160	668	4.80
271	Morton	M130	511	4.69
272	Kress Rural	KR110	369	4.48
273	Mulshoe City	MU610	571	4.33
274	Brownfield	6580	349	4.31
275	Canadian	325	406	4.18
276	Industrial	1412	805	4.01
277	Zavalla	LV790	13	3.85
278	Friona Rural	2436	1621	3.79
279	Happy	2326	360	3.75
280	Canadian	350	227	3.70
281	Doud	6480	2050	3.67
282	Puckett West	5C35	1877	3.65
283	Plainview City	P630	760	3.52

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

### Southwestern Public Service Co

2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIDI Value
284	Prentice	S875	40	3.50
285	Plainview City	P670	235	3.36
286	34th Street	5B90	873	3.24
287	Perryton	1535	879	3.22
288	South Floydada	3551	33	3.18
289	Elwood	LV140	70	3.14
290	Zavalla	LV780	23	3.09
291	Pacific	LV940	72	3.01
292	Estacado	5D10	2590	3.01
293	South Floydada	3547	823	2.95
294	Ivory	L685	1204	2.94
295	Westridge	P450	1389	2.92
296	Stanton	6410	961	2.81
297	Spearman	301	443	2.78
298	Riverview	R090	29	2.76
299	Ivory	L682	138	2.70
300	Farmers	5385	231	2.68
301	Dimmitt East	DI180	390	2.59
302	Plainview City	P620	433	2.37
303	Whitaker	5265	38	2.32
304	Indiana	7450	1806	2.30
305	Batton	L640	1000	2.29
306	Spearman	401	411	2.17
307	Hereford	2627	1697	2.14
308	Dalhart	106	150	2.04
309	Dalhart	114	495	1.78
310	Batton	L622	912	1.76
311	Canyon West	7124	2244	1.72
312	Dalhart	108	363	1.62
313	Booker	421	187	1.60
314	Plainview West	P110	1026	1.49
315	Lynn	6300	603	1.29
316	Plainview City	P680	100	1.19
317	Moore Co	M060	127	1.15
318	Dalhart	116	302	1.02
319	Spearman	402	348	0.89
320	Plainview City	P690	210	0.86
321	Canadian	340	426	0.78
322	Carlisle	6635	1046	0.76
323	Muleshoe City	MU620	737	0.74
324	Allen	L740	1122	0.73
325	Plainview South	P210	102	0.63
326	Allen	L750	778	0.53
327	Batton	L650	357	0.39
328	Bowers	2053	52	0.35
329	Dumas 19th Street	1371	1015	0.26
330	Plainview North	P270	142	0.21
331	Whiteface	LV220	312	0.16

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

### Southwestern Public Service Co

2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2000 SAIDI Value
332	Littlefield City	LI620	166	0.15
333	Doud	6345	561	0.14
334	Doss	S410	159	-
335	Flanagan	S540	39	-
336	Adair	S790	15	-
337	Riley	S510	127	-
338	Kingsmill	2180	2345	-
339	Kingsmill	5095	44	-
340	Lynn	6340	1103	-
341	Lynn	6510	26	-
342	Middleton	LV810	27	-
343	Mallet	LV120	16	-
344	Friona	2410	1647	-
345	Parmer County	2465	22	-
346	Parmer County	2455	818	-
347	Fain	1105	28	-
348	Dumas 19th Street	1444	5437	-
349	West Borger	1A20	815	-
350	Palo Duro	5235	160	-
351	Van Buren	7186	2058	-
352	Van Buren	7184	781	-
353	Puckett West	5C60	710	-
354	Pullman	2A40	101	-
355	Van Buren	7190	68	-

Service Quality Report to the Public Utility Commission of Texas

**Southwestern Public Service Co**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2000 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	41.68%
Vegetation	10.47%
Animals and Birds	12.07%
People (Including cars and farm equip)	4.71%
Utility-owned Equipment	18.53%
Other	3.47%
Unknown	9.08%