



Control Number: 25180



Item Number: 19

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.

Utility: Type Name of Utility in the Cell Below
Southwestern Public Service Co

Feeders: Type Total Number of Distribution Feeders in the Cell Below
356

Due: **February 14, 2002**

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

Project: **25180**

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
2001 Reporting Year

Southwestern Public Service Co

Project 25180

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2000	0.6081	0.0346	0.0197	0.1204	0.0360	0.0822	0.0662	0.0431	0.0383	0.0232	0.0440	0.0282	0.0810
2001	0.6379	0.0463	0.0481	0.0580	0.1248	0.0955	0.0462	0.0668	0.0485	0.0242	0.0187	0.0516	0.0088
Scheduled													
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	0.0028
2001	0.0185	0.0005	0.0013	0.0004	0.0004	0.0018	0.0004	0.0012	0.0109	0.0005	0.0004	0.0002	0.0004
Outside Causes													
2001	0.4259	0.0382	0.0109	0.0130	0.1160	0.0709	0.0761	0.0490	0.0113	0.0043	0.0172	0.0190	0.0000
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	0.0000
Major Events													
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	0.0000
2001	0.0000	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

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
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Forced													
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
2001	53.69	4.09	3.23	3.95	16.76	8.60	3.89	3.46	2.78	1.51	1.25	3.45	0.68

Scheduled													
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
2001	0.38	0.019	0.088	0.015	0.009	0.018	0.020	0.030	0.057	0.076	0.017	0.004	0.026

Outside Causes													
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
2001	33.38	2.12	1.15	0.31	8.13	5.63	7.37	5.88	0.44	0.39	1.23	0.72	0.00

Major Events													
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
2001	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 Fee

With More Than 10 Customers

356

Add or Delete Rows as Necessary

Southwestern Public Service Co

2001 SAIFI Ranking	2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIFI Value
1	2	Carson County	7030	87	8.1034
2	20	Buffalo	5165	306	7.5980
3	213	Ivory	L680	86	5.8605
4	145	Canyon East	5190	1162	5.6179
5	141	Wildorado	2014	189	5.2328
6	173	Lockney Rural	LA150	86	4.7442
7	237	Roberts County	7010	564	4.2784
8	40	Doss	6660	80	3.9750
9	42	Grave	7178	1524	3.8058
10	175	Amoco	LV920	242	3.7603
11	35	Dalhart	1664	79	3.5063
12	9	Booker	33-08	1067	3.3065
13	182	Dalhart	1580	145	3.2552
14	71	Etter Rural	5405	969	3.2549
15	150	Happy	7040	304	3.1480
16	170	Tokio	S800	103	3.1068
17	238	Elwood	LV140	70	3.1000
18	109	Plainview South	P220	1519	2.9039
19	47	Vega	5170	646	2.8901
20	10	Herring	1434	1653	2.8064
21	330	Littlefield City	LI620	166	2.6988
22	132	McLean Rural	5300	859	2.6915
23	247	Hastings	7074	1673	2.6581
24	215	Highland Park	5325	312	2.5385
25	33	Wildorado	2018	107	2.4860
26	39	Perryton	1230	917	2.4068
27	176	Boardman	S560	112	2.3839
28	264	Wade	1420	63	2.3810
29	48	Conway	5010	1380	2.3768
30	36	Channing	1564	17	2.3529
31	38	Flanagan	S550	40	2.3500
32	123	Sunset	5D35	211	2.3033
33	13	Carson County	7034	49	2.2449
34	208	Hart	HA110	95	2.1895
35	214	Plainview South	P230	622	2.1415
36	318	Bowers	2053	52	2.0962
37	283	Ivory	L685	1204	2.0947
38	288	Lariat	MR110	100	2.0900
39	334	Kingsmill	5095	44	2.0455
40	26	Riverview	R095	730	2.0260
41	122	Muleshoe West	MR130	98	2.0102

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIFI Ranking	2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIFI Value
42	19	Mulshoe Valley	MR150	99	2.0000
43	100	Sunset	5D30	29	2.0000
44	233	Mulshoe East	MU630	296	1.9764
45	319	Spearman	402	348	1.9713
46	125	Channing	1568	25	1.9600
47	199	South Georgia	5B40	2460	1.8423
48	110	Springcreek	1320	174	1.8391
49	56	Sherman County	1456	1420	1.8268
50	98	Booker	535	264	1.8068
51	244	Van Buren	7046	1729	1.7872
52	6	Lehman	LV500	159	1.7547
53	154	Southeast	5C80	383	1.6423
54	8	Exell	1238	171	1.6199
55	11	Allred	S180	112	1.6071
56	292	Stanton	6420	682	1.5630
57	126	Waterfield	2364	361	1.5568
58	57	Moss	6540	315	1.5365
59	322	Carlisle	6635	1046	1.5210
60	120	Dalhart	1298	1021	1.5201
61	137	East Plant	A110	895	1.4413
62	139	Planters	L710	1251	1.4333
63	89	Garza	6520	533	1.4259
64	83	Dumas 19th Stre	1470	2623	1.3866
65	151	Indiana	7440	11	1.3636
66	61	Kite	5075	1057	1.3491
67	222	Aiken Rural	LA110	112	1.3393
68	22	Spearman Int	1512	905	1.3193
69	269	Prentice	S875	40	1.2750
70	91	Acco	L570	256	1.2422
71	189	Pierce	5B10	841	1.2378
72	282	Dalhart	106	150	1.2200
73	306	Riverview	R090	29	1.2069
74	79	Tascosa	1218	174	1.1897
75	205	Dumas 19th Stre	1367	1772	1.1874
76	119	Moore Co	M055	33	1.1818
77	274	Industrial	1412	805	1.1677
78	18	Tenneco	S440	53	1.1509
79	168	Littlefield South	LI110	1495	1.1458
80	202	Coulter	5290	1588	1.1455
81	85	Manhattan	7164	1285	1.1393
82	67	Weatherly	1354	765	1.1281
83	93	Springcreek	1316	434	1.1221
84	149	Clutter	6630	500	1.0920
85	107	Hendrick	6685	1429	1.0770
86	106	Hereford	2630	1185	1.0582
87	94	Exell	1242	109	1.0550

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2001 SAIFI Ranking	2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIFI Value
88	195	Van Buren	7048	433	1.0485
89	88	Plainview West	P130	603	1.0398
90	105	Dumas 19th Stre	1498	27	1.0370
91	188	Vickers	6680	1588	1.0315
92	335	Van Buren	7190	68	1.0294
93	290	Amherst	AM620	456	1.0285
94	212	Dalhart	1246	1335	1.0202
95	65	Plant X	X310	1034	1.0184
96	315	Puckett West	5C35	1877	1.0176
97	5	Kingsmill	5100	131	1.0153
98	172	Tuco	N404	889	1.0146
99	118	Plainview East	P160	573	1.0017
100	324	Allen	L740	1122	1.0000
101	336	Parmer County	2465	22	1.0000
102	43	Kingsmill	5105	647	0.9753
103	268	South Floydada	3547	823	0.9429
104	162	Waterfield	2368	251	0.9402
105	99	Doud	6325	2031	0.9178
106	302	Dalhart	116	302	0.9106
107	112	Allen	L505	166	0.9096
108	69	LYONS	5C25	677	0.9084
109	180	Cherry	5C10	835	0.8898
110	46	Burnett	1394	129	0.8837
111	147	Murphy	7535	1957	0.8544
112	116	Bowers	5090	313	0.8530
113	337	Middleton	LV810	27	0.8519
114	234	Pacific	LV940	72	0.8333
115	37	Highland Park	5335	810	0.8222
116	206	El Paso	S340	478	0.7971
117	152	Etter Rural	5410	407	0.7887
118	270	Canadian	350	227	0.7797
119	295	Friona Rural	2436	1621	0.7767
120	257	Lawrence Park	5020	1471	0.7716
121	171	Doss	S400	1275	0.7647
122	181	Cherry	5C15	1108	0.7635
123	95	ODC	S325	127	0.7480
124	114	Herring	1438	155	0.7290
125	136	Van Buren	7194	414	0.7174
126	60	Jaybee	S765	37	0.7027
127	200	Whitaker	5270	1993	0.6703
128	55	East Plant	A118	1704	0.6455
129	255	East Plant	A126	609	0.6420
130	96	Bowers	2057	541	0.6303
131	7	Fritch	1360	826	0.6247
132	113	Farmers	5395	665	0.6195
133	77	Springlake	SO140	54	0.6111

Service Quality Report to the Public Utility Commission of Texas

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2001 SAIFI Ranking	2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIFI Value
134	159	El Paso	S320	212	0.6085
135	127	Doss	6670	1932	0.6004
136	239	Booker	422	212	0.5660
137	251	Van Buren	7044	940	0.5372
138	146	ODC	S335	53	0.5283
139	134	McCullough	5085	1180	0.5195
140	135	Arrowhead	5D85	1428	0.5084
141	231	Plainview East	P180	110	0.5000
142	140	Springlake	SO150	73	0.4932
143	51	Irick	IB110	55	0.4909
144	64	Kingsmill	5110	489	0.4867
145	27	Moss	6320	1845	0.4640
146	143	Whitaker	5260	1362	0.4479
147	332	Whiteface	LV220	312	0.4455
148	158	South Georgia	2346	977	0.4309
149	197	South Georgia	5B30	1399	0.4139
150	144	Southeast	5C85	2416	0.4106
151	177	Stanton	L540	786	0.4097
152	17	Whiteface	LV210	154	0.4091
153	74	Russell	S280	96	0.4063
154	203	Roxana	2334	207	0.4058
155	163	Wheelock	7370	1874	0.4013
156	70	Fritch	1364	2064	0.3934
157	185	Lockney Rural	LA140	97	0.3918
158	4	Sherman County	1452	32	0.3750
159	309	Booker	421	187	0.3743
160	314	Amherst	AM610	41	0.3659
161	259	Wheelock	7375	848	0.3632
162	225	Hastings	7082	1344	0.3616
163	25	Waterfield	2361	487	0.3614
164	216	Canyon West	5160	668	0.3563
165	131	Dawn	5A35	323	0.3529
166	165	Barwise	IB130	68	0.3529
167	30	Middleton	LV820	54	0.3519
168	161	Tascosa	1222	37	0.3514
169	169	Irick	IB120	20	0.3500
170	108	Riverview	R100	429	0.3497
171	59	Roxana	2076	873	0.3414
172	196	Olton	SO180	635	0.3291
173	287	Bush	5215	1291	0.3269
174	265	Estacado	5D20	544	0.3235
175	15	Kress Rural	KR120	148	0.3176
176	75	Boardman	S430	48	0.3125
177	155	Bush	5205	1277	0.3015
178	262	Olton	SO170	633	0.2986
179	186	LYONS	5C20	1513	0.2974

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Southwestern Public Service Co

2001 SAIFI Ranking	2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIFI Value
180	266	McCullough	7005	1506	0.2968
181	256	Lawrence Park	5050	1056	0.2907
182	117	Hastings	7086	659	0.2883
183	167	Hastings	7078	2953	0.2868
184	184	East Plant	A122	1326	0.2828
185	44	Kingsmill	5115	1033	0.2807
186	299	Dimmitt East	DI150	963	0.2773
187	41	Soncy	7024	2101	0.2765
188	236	Puckett West	5C30	944	0.2765
189	209	Pierce	5B00	1140	0.2763
190	198	Allen	L745	798	0.2757
191	242	34th Street	5B90	873	0.2738
192	280	South Floydada	3551	33	0.2727
193	148	Bush	5210	2185	0.2714
194	312	Whitaker	5265	38	0.2632
195	174	West Borger	1A10	914	0.2615
196	21	Kite	5B80	851	0.2609
197	217	Levelland East	LV960	1083	0.2512
198	142	Canyon West	7128	3350	0.2487
199	252	Plainview East	P150	181	0.2431
200	183	Perryton	1235	1340	0.2291
201	179	Carlisle	6650	1851	0.2291
202	31	Slaton	6600	525	0.2286
203	250	Denver City East	S110	1503	0.2222
204	72	Kite	7106	581	0.2151
205	102	Westridge	P460	457	0.2123
206	333	Dumas 19th Street	1371	1015	0.2089
207	121	Lawrence Park	5275	1277	0.2067
208	164	Soncy	7020	860	0.2035
209	124	Weatherly	1350	733	0.2033
210	82	Stanton	6570	123	0.2033
211	58	Barwise	IB140	65	0.2000
212	153	Garza	6500	504	0.1984
213	316	Plainview South	P210	102	0.1961
214	331	Doud	6345	561	0.1925
215	54	Dimmitt South	DI110	312	0.1923
216	32	Littlefield City	LI640	673	0.1917
217	97	Littlefield West	LI156	259	0.1892
218	160	McCullough	7002	1458	0.1886
219	66	South Georgia	2338	3292	0.1838
220	92	Canadian	325	406	0.1823
221	16	Cedar Lake East	S910	33	0.1818
222	86	34th Street	5B85	1717	0.1817
223	305	Farmers	5385	231	0.1775
224	277	Lawrence Park	5030	733	0.1774
225	3	Littlefield City	LI630	306	0.1732

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIFI Ranking	2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIFI Value
226	73	Lawrence Park	5315	705	0.1702
227	224	Wheelock	7365	1744	0.1686
228	129	Manhattan	5135	655	0.1679
229	128	West Borger	1A15	1575	0.1676
230	166	Hale Center	HR110	849	0.1649
231	326	Canadian	340	426	0.1643
232	271	Plainview City	P620	433	0.1640
233	24	Doud	6305	1704	0.1602
234	76	Littlefield South	LI120	63	0.1587
235	260	Morton	M130	511	0.1566
236	210	Zavalla	LV790	13	0.1538
237	211	Texaco	LV980	26	0.1538
238	241	Manhattan	7160	1313	0.1538
239	14	Estacado	5D15	1361	0.1521
240	84	Parmer County	2475	796	0.1520
241	228	Industrial	1416	706	0.1445
242	207	Conway	5005	1834	0.1429
243	291	Westridge	P450	1389	0.1418
244	104	Yellowhouse	LV900	30	0.1333
245	296	Zavalla	LV780	23	0.1304
246	23	Mulshoe West	MR140	688	0.1294
247	62	Indiana	7480	1861	0.1268
248	101	Sudan Rural	SR120	558	0.1254
249	249	Hereford	2627	1697	0.1249
250	253	Plainview North	P260	1559	0.1238
251	50	Kress Rural	KR140	147	0.1224
252	34	Monroe	6610	517	0.1199
253	81	Levelland City	LV180	2658	0.1181
254	254	Coulter	5280	798	0.1178
255	240	Centre Street	5305	2357	0.1137
256	232	Plainview West	P120	1756	0.1128
257	286	Perryton	1535	879	0.1115
258	304	Canyon West	7124	2244	0.1101
259	219	South Georgia	5B35	1543	0.1076
260	78	Levelland City	LV190	2541	0.1055
261	248	Clutter	6620	1772	0.1016
262	111	Channing	145-3	230	0.1000
263	133	Indiana	7465	1035	0.0995
264	53	Dimmitt South	DI120	255	0.0980
265	258	Kress Rural	KR110	369	0.0976
266	45	Riley	S500	42	0.0952
267	278	Dalhart	108	363	0.0937
268	68	Pacific	LV930	11	0.0909
269	29	Van Buren	7198	1778	0.0900
270	187	Allen	L520	1114	0.0889
271	275	Dimmitt East	DI180	390	0.0872

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIFI Ranking	2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIFI Value
272	52	Canyon East	5185	452	0.0863
273	204	Lawrence Park	5025	1740	0.0862
274	263	Plainview City	P630	760	0.0855
275	307	Batton	L640	1000	0.0800
276	115	Lewters	L470	39	0.0769
277	281	Lockney Rural	3417	1111	0.0756
278	301	Plainview West	P110	1026	0.0750
279	327	Batton	L650	357	0.0728
280	338	Canadian	335	182	0.0714
281	220	Farmers	5390	2803	0.0710
282	194	34th Street	5B95	1974	0.0709
283	245	West Anton	3502	688	0.0683
284	339	Adair	S790	15	0.0667
285	130	Soncy	5130	1178	0.0662
286	193	Stanton	6430	1624	0.0659
287	300	Batton	L622	912	0.0658
288	192	South Georgia	2342	782	0.0652
289	227	Littlefield City	LI610	617	0.0648
290	221	Centre Street	5310	1356	0.0612
291	267	Happy	2326	360	0.0611
292	1	Soncy	7116	66	0.0606
293	323	Plainview City	P680	100	0.0600
294	293	Estacado	5D10	2590	0.0591
295	223	Levelland City	LV520	210	0.0571
296	313	Indiana	7450	1806	0.0570
297	273	Muleshoe East	MU640	266	0.0564
298	243	Brisco	3434	560	0.0518
299	279	Batton	L624	1070	0.0514
300	308	Dalhart	114	495	0.0505
301	229	Arrowhead	5D80	225	0.0489
302	157	County Line	CL110	21	0.0476
303	63	Pierce	5B05	1016	0.0433
304	103	Spearman	302	642	0.0421
305	90	Sherman County	1448	807	0.0409
306	320	Moore Co	M060	127	0.0394
307	329	Allen	L750	778	0.0386
308	276	Doud	6480	2050	0.0380
309	310	Hendrick	6675	1657	0.0380
310	49	Allred	S140	53	0.0377
311	178	Slaton	6690	803	0.0374
312	12	Wellman	S755	228	0.0351
313	261	Allmon	AT120	658	0.0350
314	289	Brownfield	6580	349	0.0344
315	156	Levelland East	LV950	410	0.0341
316	190	Lehman	LV510	240	0.0333
317	226	Murphy	7430	784	0.0319
318	246	Morton	M120	765	0.0314
319	201	Denver City East	S100	685	0.0292

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIFI Ranking	2000 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIFI Value
320	303	Ivory	L682	138	0.0290
321	317	Spearman	401	411	0.0268
322	298	Stanton	6410	961	0.0260
323	321	Muleshoe City	MU620	737	0.0258
324	80	Acco	L580	195	0.0256
325	340	Flanagan	S540	39	0.0256
326	235	Sudan Rural	SR110	120	0.0250
327	325	Plainview City	P690	210	0.0238
328	311	Muleshoe City	MU610	571	0.0228
329	191	Hart	HA120	628	0.0223
330	328	Plainview North	P270	142	0.0211
331	218	Perryton	1530	1040	0.0192
332	341	Palo Duro	5235	160	0.0188
333	272	Spearman	301	443	0.0181
334	294	Allen	L510	1058	0.0170
335	297	Lynn	6300	603	0.0166
336	28	Tuco	N412	651	0.0154
337	87	Slaton	SL150	1055	0.0152
338	230	Coulter	5285	1336	0.0135
339	285	San Andres	S370	382	0.0079
340	284	Plainview City	P670	235	0.0043
341	138	Garza	PO120	595	0.0017
342	-	Doss	S410	159	0.0000
343	-	Dumas 19th Stre	1444	5437	0.0000
344	-	Fain	1105	28	0.0000
345	-	Friona	2410	1647	0.0000
346	-	Kingsmill	2180	2345	0.0000
347	-	Lynn	6340	1103	0.0000
348	-	Lynn	6510	26	0.0000
349	-	Mallet	LV120	16	0.0000
350	-	Parmer County	2455	818	0.0000
351	-	Puckett West	5C60	710	0.0000
352	-	Pullman	2A40	101	0.0000
353	-	Riley	S510	127	0.0000
354	-	Van Buren	7184	781	0.0000
355	-	Van Buren	7186	2058	0.0000
356	-	West Borger	1A20	815	0.0000

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

356

Add or Delete Rows as Necessary

Southwestern Public Service Co

2001 SAIDI Ranking	2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIDI Value
1	20	Buffalo	5165	306	1723.91
2	1	Carson County	7030	87	1213.05
3	132	Tokio	S800	103	1123.11
4	143	Wildorado	2014	189	946.80
5	289	Elwood	LV140	70	791.04
6	37	Dalhart	1664	79	721.63
7	70	Springcreek	1320	174	538.75
8	167	Channing	1564	17	451.94
9	74	Grave	7178	1524	399.28
10	214	Van Buren	7046	1729	394.02
11	260	Roberts County	7010	564	356.72
12	336	Parmer County	2465	22	341.09
13	23	Exell	1238	171	334.73
14	14	Booker	33-08	1067	324.47
15	73	Channing	1568	25	322.72
16	72	Kingsmill	5105	647	315.27
17	185	Hart	HA110	95	314.32
18	163	Lockney Rural	LA150	86	313.59
19	98	Canyon East	5190	1162	304.12
20	15	Lehman	LV500	159	298.19
21	152	Boardman	S560	112	296.45
22	177	Highland Park	5325	312	288.15
23	40	Conway	5010	1380	282.55
24	66	Perryton	1230	917	274.49
25	16	Muleshoe Valley	MR150	99	268.58
26	267	Lariat	MR110	100	253.09
27	187	Dalhart	1580	145	251.23
28	186	Hastings	7074	1673	247.78
29	335	Van Buren	7190	68	243.12
30	62	Sherman County	1456	1420	237.12
31	123	Muleshoe West	MR130	98	237.01
32	253	Lawrence Park	5020	1471	227.86
33	118	Clutter	6630	500	227.84
34	21	Herring	1434	1653	225.87
35	216	Amoco	LV920	242	225.65
36	45	Doss	6660	80	222.19
37	247	Wade	1420	63	216.90
38	334	Kingsmill	5095	44	215.68
39	51	Springcreek	1316	434	213.31
40	328	Bowers	2053	52	202.88
41	3	Allred	S180	112	202.46

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIDI Ranking	2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIDI Value
42	120	Van Buren	7194	414	200.07
43	229	Ivory	L680	86	194.36
44	42	Herring	1438	155	191.75
45	298	Riverview	R090	29	188.21
46	220	Van Buren	7048	433	182.81
47	337	Middleton	LV810	27	179.74
48	34	Flanagan	S550	40	172.93
49	106	McLean Rural	5300	859	172.49
50	17	Wildorado	2018	107	169.61
51	331	Whiteface	LV220	312	166.57
52	318	Dalhart	116	302	162.51
53	222	Dumas 19th Stre	1498	27	153.81
54	25	ODC	S325	127	151.62
55	116	Waterfield	2368	251	146.51
56	202	Coulter	5290	1588	144.43
57	158	Murphy	7535	1957	137.94
58	104	Sunset	5D35	211	134.91
59	172	Cherry	5C15	1108	134.52
60	148	Arrowhead	5D85	1428	128.51
61	28	Carson County	7034	49	124.67
62	67	Etter Rural	5405	969	122.90
63	139	Bowers	5090	313	121.29
64	200	Pierce	5B10	841	116.15
65	230	Dalhart	1246	1335	114.61
66	145	Indiana	7440	11	114.55
67	294	Ivory	L685	1204	113.25
68	284	Prentice	S875	40	111.08
69	2	Exell	1242	109	108.83
70	251	Muleshoe East	MU630	296	104.34
71	36	Burnett	1394	129	104.03
72	183	Whitaker	5270	1993	99.74
73	75	East Plant	A110	895	96.40
74	269	Stanton	6420	682	94.29
75	119	Moore Co	M055	33	94.00
76	209	Plainview South	P230	622	93.74
77	170	Plainview South	P220	1519	92.30
78	138	Southeast	5C80	383	92.16
79	291	Pacific	LV940	72	88.25
80	24	Riverview	R095	730	86.80
81	219	Aiken Rural	LA110	112	79.98
82	39	Spearman Int	1512	905	79.82
83	43	Moss	6540	315	77.23
84	35	Highland Park	5335	810	76.81
85	82	Bowers	2057	541	75.76
86	97	Waterfield	2364	361	75.20
87	126	Whitaker	5260	1362	73.61

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIDI Ranking	2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIDI Value
88	11	Kingsmill	5100	131	72.95
89	166	Happy	7040	304	72.83
90	125	Doss	S400	1275	71.23
91	133	Doud	6325	2031	69.11
92	280	Canadian	350	227	69.03
93	242	Dimmitt East	DI150	963	68.39
94	29	Farmers	5395	665	66.78
95	196	Cherry	5C10	835	65.98
96	171	Garza	6500	504	65.70
97	117	Hereford	2630	1185	65.45
98	26	Acco	L570	256	65.41
99	134	Hendrick	6685	1429	65.22
100	215	Booker	422	212	64.80
101	105	Booker	535	264	64.53
102	22	Jaybee	S765	37	64.27
103	122	Allen	L505	166	64.23
104	181	Etter Rural	5410	407	63.59
105	319	Spearman	402	348	63.53
106	10	Tenneco	S440	53	63.40
107	157	Roxana	2334	207	62.84
108	147	Dalhart	1298	1021	62.24
109	175	ODC	S335	53	62.19
110	5	Waterfield	2361	487	60.20
111	225	East Plant	A126	609	60.10
112	88	Vega	5170	646	60.09
113	198	South Georgia	5B40	2460	59.61
114	218	Plainview East	P180	110	59.55
115	90	East Plant	A118	1704	58.21
116	193	Littlefield South	LI110	1495	58.01
117	164	Hastings	7078	2953	57.77
118	114	Springlake	SO150	73	55.64
119	52	Slaton	6600	525	55.54
120	179	El Paso	S320	212	55.29
121	130	Kite	5075	1057	53.55
122	231	El Paso	S340	478	52.54
123	190	Dumas 19th Stre	1367	1772	52.05
124	293	South Floydada	3547	823	51.53
125	303	Whitaker	5265	38	51.34
126	89	Springlake	SO140	54	50.87
127	8	Middleton	LV820	54	49.69
128	30	Roxana	2076	873	49.19
129	308	Dalhart	106	150	48.28
130	77	Doss	6670	1932	47.77
131	201	Pierce	5B00	1140	45.91
132	205	Hastings	7082	1344	45.76
133	86	Plainview East	P160	573	45.68

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIDI Ranking	2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIDI Value
134	103	Plainview West	P130	603	45.66
135	238	Van Buren	7044	940	45.40
136	46	Fritch	1360	826	44.19
137	165	East Plant	A122	1326	43.13
138	194	Vickers	6680	1588	42.97
139	96	LYONS	5C25	677	42.29
140	131	Dumas 19th Stre	1470	2623	41.70
141	141	Southeast	5C85	2416	39.86
142	80	Kingsmill	5110	489	39.20
143	278	Friona Rural	2436	1621	38.08
144	255	Amherst	AM620	456	37.82
145	32	Irick	IB110	55	37.73
146	259	Wheelock	7375	848	37.35
147	54	Kite	5B80	851	37.03
148	69	Riverview	R100	429	36.51
149	57	Garza	6520	533	35.78
150	140	Stanton	L540	786	35.74
151	110	Dawn	5A35	323	34.05
152	322	Carlisle	6635	1046	34.01
153	109	McCullough	5085	1180	33.22
154	168	Soncy	7020	860	33.09
155	135	South Georgia	2346	977	33.02
156	49	Whiteface	LV210	154	32.50
157	99	Plant X	X310	1034	32.00
158	282	Puckett West	5C35	1877	29.98
159	182	South Georgia	5B30	1399	29.16
160	249	Estacado	5D20	544	29.13
161	41	Russell	S280	96	28.46
162	332	Littlefield City	LI620	166	27.47
163	44	Kingsmill	5115	1033	27.34
164	53	Estacado	5D15	1361	27.31
165	226	Manhattan	7160	1313	27.30
166	142	Bush	5205	1277	26.95
167	333	Doud	6345	561	26.17
168	100	Hastings	7086	659	26.17
169	7	Sherman County	1452	32	25.81
170	19	Cedar Lake East	S910	33	25.76
171	189	Conway	5005	1834	25.21
172	93	Dimmitt South	DI120	255	25.18
173	64	Manhattan	7164	1285	25.06
174	210	Industrial	1416	706	25.05
175	324	Allen	L740	1122	24.99
176	12	Tascosa	1218	174	24.97
177	95	Planters	L710	1251	24.59
178	241	Lawrence Park	5050	1056	24.23
179	217	Wheelock	7370	1874	24.19

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIDI Ranking	2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIDI Value
180	146	Bush	5210	2185	24.03
181	137	Dimmitt South	DI110	312	23.66
182	211	LYONS	5C20	1513	23.55
183	94	Fritch	1364	2064	23.06
184	160	Barwise	IB130	68	23.01
185	313	Booker	421	187	22.66
186	61	Moss	6320	1845	22.36
187	286	34th Street	5B90	873	22.22
188	257	Olton	SO170	633	22.19
189	18	Kress Rural	KR120	148	21.89
190	237	Amherst	AM610	41	21.88
191	300	Farmers	5385	231	20.92
192	107	Manhattan	5135	655	20.68
193	254	Bush	5215	1291	20.17
194	47	Soncy	7024	2101	20.07
195	180	Perryton	1235	1340	19.41
196	127	Weatherly	1354	765	19.01
197	204	Lehman	LV510	240	18.85
198	155	Carlisle	6650	1851	18.66
199	124	West Borger	1A10	914	18.54
200	108	South Georgia	2338	3292	18.43
201	290	Zavalla	LV780	23	18.13
202	228	Puckett West	5C30	944	18.01
203	212	Lockney Rural	LA140	97	17.49
204	329	Dumas 19th Stre	1371	1015	17.34
205	243	Lawrence Park	5030	733	17.27
206	276	Industrial	1412	805	17.24
207	197	Wheelock	7365	1744	17.02
208	236	Plainview East	P150	181	16.93
209	262	Denver City East	S110	1503	16.64
210	153	Olton	SO180	635	16.56
211	339	Adair	S790	15	16.53
212	178	Allen	L745	798	16.21
213	270	Canyon West	5160	668	15.88
214	55	Boardman	S430	48	15.79
215	338	Canadian	335	182	15.69
216	173	Hale Center	HR110	849	15.56
217	27	Barwise	IB140	65	15.12
218	128	Lawrence Park	5275	1277	14.86
219	233	Clutter	6620	1772	14.83
220	325	Plainview South	P210	102	14.81
221	113	Tascosa	1222	37	14.73
222	169	McCullough	7002	1458	14.51
223	115	West Borger	1A15	1575	14.41
224	63	34th Street	5B85	1717	14.36
225	31	Sudan Rural	SR120	558	14.24

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIDI Ranking	2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIDI Value
226	144	Indiana	7465	1035	14.11
227	136	34th Street	5B95	1974	13.63
228	192	South Georgia	2342	782	13.08
229	33	Muleshoe West	MR140	688	12.94
230	316	Plainview City	P680	100	12.82
231	304	Indiana	7450	1806	12.36
232	309	Dalhart	114	495	12.30
233	102	Canyon West	7128	3350	12.29
234	275	Canadian	325	406	12.17
235	271	Morton	M130	511	12.13
236	56	Van Buren	7198	1778	11.87
237	263	McCullough	7005	1506	11.76
238	85	Littlefield West	LI156	259	11.56
239	176	County Line	CL110	21	11.43
240	207	Stanton	6430	1624	11.32
241	60	Littlefield City	LI640	673	11.18
242	87	Parmer County	2475	796	11.10
243	78	Lawrence Park	5315	705	11.04
244	71	Sunset	5D30	29	11.00
245	68	Doud	6305	1704	10.84
246	277	Zavalla	LV790	13	10.62
247	307	Hereford	2627	1697	10.35
248	195	Irick	IB120	20	10.30
249	312	Dalhart	108	363	10.02
250	13	Monroe	6610	517	9.99
251	150	Kite	7106	581	9.89
252	311	Canyon West	7124	2244	9.75
253	310	Batton	L622	912	9.61
254	232	Slaton	SL150	1055	9.50
255	91	Levelland City	LV180	2658	9.35
256	83	Weatherly	1350	733	9.24
257	6	Littlefield City	LI630	306	9.15
258	321	Canadian	340	426	8.90
259	279	Happy	2326	360	8.66
260	188	Texaco	LV980	26	8.65
261	101	Lewters	L470	39	8.51
262	250	Coulter	5280	798	8.47
263	288	South Floydada	3551	33	8.45
264	295	Westridge	P450	1389	8.40
265	81	Yellowhouse	LV900	30	8.00
266	58	Westridge	P460	457	7.88
267	301	Dimmitt East	DI180	390	7.81
268	248	Levelland East	LV960	1083	7.77
269	239	Centre Street	5305	2357	7.54
270	65	Indiana	7480	1861	7.53
271	206	Arrowhead	5D80	225	7.37

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIDI Ranking	2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIDI Value
272	302	Plainview City	P620	433	7.32
273	235	South Georgia	5B35	1543	7.10
274	162	Lawrence Park	5025	1740	7.07
275	84	Kress Rural	KR140	147	7.06
276	327	Batton	L650	357	7.03
277	149	Littlefield South	LI120	63	6.89
278	266	Plainview North	P260	1559	6.62
279	161	Littlefield City	LI610	617	6.56
280	272	Kress Rural	KR110	369	6.30
281	76	Stanton	6570	123	6.28
282	9	Riley	S500	42	6.19
283	305	Batton	L640	1000	5.89
284	121	Acco	L580	195	5.88
285	48	Soncy	7116	66	5.82
286	79	Pierce	5B05	1016	5.75
287	154	Soncy	5130	1178	5.74
288	50	Sherman County	1448	807	5.59
289	244	Plainview West	P120	1756	5.50
290	240	Muleshoe East	MU640	266	5.24
291	151	Channing	145-3	230	4.96
292	199	Farmers	5390	2803	4.56
293	292	Estacado	5D10	2590	4.31
294	274	Brownfield	6580	349	4.14
295	111	Levelland City	LV190	2541	4.11
296	184	Centre Street	5310	1356	3.97
297	38	Canyon East	5185	452	3.96
298	213	Allen	L520	1114	3.95
299	287	Perryton	1535	879	3.81
300	281	Doud	6480	2050	3.73
301	261	West Anton	3502	688	3.63
302	258	Lockney Rural	3417	1111	3.58
303	314	Plainview West	P110	1026	3.55
304	59	Allred	S140	53	3.53
305	283	Plainview City	P630	760	3.51
306	296	Stanton	6410	961	3.48
307	191	Murphy	7430	784	3.29
308	156	Pacific	LV930	11	2.82
309	299	Ivory	L682	138	2.67
310	340	Flanagan	S540	39	2.51
311	234	Levelland City	LV520	210	2.50
312	268	Batton	L624	1070	2.44
313	256	Spearman	302	642	2.36
314	317	Moore Co	M060	127	2.30
315	4	Wellman	S755	228	2.21
316	227	Hendrick	6675	1657	2.20
317	306	Spearman	401	411	2.18

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2001 SAIDI Ranking	2000 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2001 SAIDI Value
318	252	Allmon	AT120	658	2.11
319	203	Sudan Rural	SR110	120	2.11
320	112	Hart	HA120	628	2.00
321	223	Denver City East	S100	685	1.86
322	246	Brisco	3434	560	1.86
323	326	Allen	L750	778	1.74
324	174	Slaton	6690	803	1.69
325	264	Allen	L510	1058	1.48
326	297	Spearman	301	443	1.48
327	323	Muleshoe City	MU620	737	1.34
328	92	Tuco	N412	651	1.33
329	245	Morton	M120	765	1.32
330	273	Muleshoe City	MU610	571	1.32
331	221	Levelland East	LV950	410	1.22
332	208	Coulter	5285	1336	1.18
333	330	Plainview North	P270	142	0.98
334	341	Palo Duro	5235	160	0.94
335	129	Tuco	N404	889	0.90
336	224	Perryton	1530	1040	0.78
337	320	Plainview City	P690	210	0.60
338	315	Lynn	6300	603	0.58
339	265	San Andres	S370	382	0.51
340	285	Plainview City	P670	235	0.31
341	159	Garza	PO120	595	0.03
342	-	Doss	S410	159	0.0000
343	-	Dumas 19th Stre	1444	5437	0.0000
344	-	Fain	1105	28	0.0000
345	-	Friona	2410	1647	0.0000
346	-	Kingsmill	2180	2345	0.0000
347	-	Lynn	6340	1103	0.0000
348	-	Lynn	6510	26	0.0000
349	-	Mallet	LV120	16	0.0000
350	-	Parmer County	2455	818	0.0000
351	-	Puckett West	5C60	710	0.0000
352	-	Pullman	2A40	101	0.0000
353	-	Riley	S510	127	0.0000
354	-	Van Buren	7184	781	0.0000
355	-	Van Buren	7186	2058	0.0000
356	-	West Borger	1A20	815	0.0000

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.

2001 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	40.37%
Vegetation	13.26%
Animals and Birds	10.98%
People (Including cars and farm equip)	3.91%
Utility-owned Equipment	20.12%
Other	3.36%
Unknown	8.00%