



Control Number: 27270



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PUBLIC UTILITY COMMISSION
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Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2002 Reporting Year

Southwestern Public Service Co

Project 27270

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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													
2002	0.40	0.03	0.02	0.02	0.04	0.03	0.08	0.06	0.04	0.02	0.03	0.02	0.01
Scheduled													
2002	0.04	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes													
2002	0.08	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.02	0.01	0.01
Major Events													
2002	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

Southwestern Public Service Co

	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
System SAIDI													
Forced 2002	31.72	2.25	1.20	1.25	3.30	2.63	7.19	2.99	4.87	1.35	2.59	1.22	0.87
Scheduled 2002	0.61	0.08	0.00	0.15	0.01	0.02	0.05	0.03	0.03	0.01	0.16	0.03	0.03
Outside Causes 2002	3.81	0.00	0.00	0.00	0.00	0.02	1.18	0.61	1.37	0.00	0.55	0.02	0.05
Major Events 2002	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

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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

370

Add or Delete Rows as Necessary

Southwestern Public Service Co

2002 SAIFI Ranking	2001 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIFI Value
1	1	Carson County	7030	87	4.3563
2	357	Brisco	3457	10	4.0000
3	22	McLean Rural	5300	859	3.6962
4	49	Sherman County	1456	952	3.1239
5	12	Booker	33-08	1067	3.0384
6	142	Springlake	SO150	73	2.8082
7	110	Burnett	1394	129	2.6279
8	55	Allred	S180	112	2.4018
9	76	Moore Co	M055	33	2.3939
10	17	Elwood	LV140	70	2.2000
11	342	Doss	S410	159	2.1950
12	310	Allred	S140	53	2.1698
13	168	Tascosa	1222	37	2.1622
14	217	Littlefield West	LI156	259	2.1583
15	14	Etter Rural	5405	969	2.1538
16	153	Russell	S280	96	2.1250
17	200	Perryton	1235	1340	2.0761
18	73	Riverview	R090	29	2.0690
19	11	Dalhart	1664	79	2.0633
20	158	Sherman County	1452	32	2.0625
21	248	Sudan Rural	SR120	558	2.0394
22	113	Middleton	LV810	27	2.0370
23	277	Lockney Rural	3417	1111	2.0198
24	348	Lynn	6510	309	2.0129
25	306	Moore Co	M060	127	2.0079
26	87	Exell	1242	109	2.0000
27	29	Conway	5010	1380	1.9493
28	37	Ivory	L685	1204	1.8704
29	36	Bowers	2053	52	1.8462
30	115	Highland Park	5335	810	1.7716
31	151	Stanton	L540	786	1.7608
32	33	Carson County	7034	49	1.7551
33	9	Grave	7178	1524	1.7185
34	8	Doss	6660	80	1.7000
35	247	Indiana	7480	1861	1.6206
36	221	Cedar Lake East	S910	33	1.6061
37	216	Littlefield City	LI640	673	1.6018
38	109	Cherry	5C10	835	1.5725
39	10	Amoco	LV920	242	1.5579
40	131	Fritch	1360	826	1.5242
41	78	Tenneco	S440	53	1.4906
42	52	Lehman	LV500	159	1.4591
43	77	Industrial	1412	805	1.4534

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Southwestern Public Service Co

2002 SAIFI Ranking	2001 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIFI Value
44	183	Hastings	7078	2953	1.4260
45	5	Wildorado	2014	189	1.4180
46	236	Zavalla	LV790	13	1.3846
47	301	Arrowhead	5D80	225	1.3422
48	141	Plainview East	P180	110	1.3364
49	61	East Plant	A110	895	1.3050
50	48	Springcreek	1320	174	1.3046
51	68	Spearman Int	1512	905	1.2597
52	127	Whitaker	5270	1993	1.2449
53	75	Dumas 19th Street	1367	1772	1.2404
54	244	Yellowhouse	LV900	30	1.2333
55	201	Carlisle	6650	1851	1.1702
56	51	Van Buren	7046	1729	1.1637
57	116	El Paso	S340	478	1.1569
58	67	Aiken Rural	LA110	112	1.1518
59	180	McCullough	7005	1506	1.1514
60	255	Centre Street	5305	2357	1.1485
61	206	Dumas 19th Street	1371	1015	1.1399
62	35	Plainview South	P230	622	1.1286
63	50	Booker	535	264	1.1250
64	57	Waterfield	2364	361	1.1163
65	240	Parmer County	2475	796	1.1131
66	251	Kress Rural	KR140	147	1.1088
67	27	Boardman	S560	112	1.1071
68	229	West Borger	1A15	1575	1.0997
69	305	Sherman County	1448	807	1.0954
70	242	Conway	5005	1834	1.0916
71	243	Westridge	P450	1389	1.0871
72	237	Texaco	LV980	26	1.0769
73	74	Tascosa	1218	174	1.0747
74	210	Stanton	6570	123	1.0732
75	298	Brisco	3434	560	1.0661
76	86	Hereford	2630	1185	1.0641
77	114	Pacific	LV940	72	1.0556
78	80	Coulter	5290	1588	1.0529
79	199	Plainview East	P150	181	1.0387
80	344	Fain	1105	28	1.0357
81	304	Spearman	302	642	1.0312
82	104	Waterfield	2368	251	1.0279
83	291	Happy	2326	360	1.0222
84	358	Wye Switch Station	33-10	776	1.0193
85	28	Wade	1420	63	1.0159
86	258	Canyon West	7124	2244	1.0147
87	152	Whiteface	LV210	154	1.0130
88	314	Brownfield	6580	349	1.0115
89	97	Kingsmill	5100	131	1.0076
90	266	Riley	S500	42	1.0000
91	341	Garza	PO120	595	1.0000

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIFI Ranking	2001 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIFI Value
92	65	Indiana	7440	11	1.0000
93	0	Channing	450	230	1.0000
94	0	Lockney Rural	3421	17	1.0000
95	128	East Plant	A118	1704	0.9800
96	64	Dumas 19th Street	1470	2623	0.9577
97	135	Doss	6670	1932	0.9467
98	112	Bowers	5090	313	0.9010
99	302	County Line	CL110	21	0.8571
100	102	Kingsmill	5105	647	0.8192
101	32	Sunset	5D35	211	0.7630
102	69	Prentice	S875	40	0.7500
103	144	Kingsmill	5110	489	0.7423
104	286	Stanton	6430	1624	0.6958
105	2	Buffalo	5165	306	0.6928
106	0	Diekemper	DE110	21	0.6667
107	25	Wildorado	2018	107	0.6542
108	72	Dalhart	106	150	0.6267
109	3	Ivory	L680	86	0.6163
110	132	Farmers	5395	665	0.5669
111	124	Herring	1438	155	0.5355
112	7	Roberts County	7010	564	0.5266
113	42	Mulshoe Valley	MR150	99	0.5152
114	139	McCullough	5085	1180	0.5093
115	119	Friona Rural	2436	1621	0.5089
116	31	Flanagan	S550	40	0.5000
117	196	Kite	5B80	851	0.4947
118	226	Lawrence Park	5315	705	0.4936
119	107	Allen	L505	166	0.4880
120	191	34th Street	5B90	873	0.4811
121	121	Doss	S400	1275	0.4800
122	316	Lehman	LV510	240	0.4708
123	130	Bowers	2057	541	0.4547
124	41	Mulshoe West	MR130	98	0.4388
125	170	Riverview	R100	429	0.4289
126	123	ODC	S325	127	0.4173
127	160	Amherst	AM610	41	0.4146
128	122	Cherry	5C15	1108	0.4134
129	169	Irick	IB120	20	0.4000
130	156	Fritch	1364	2064	0.3992
131	150	Southeast	5C85	2416	0.3920
132	60	Dalhart	1298	1021	0.3810
133	239	Estacado	5D15	1361	0.3762
134	62	Planters	L710	1251	0.3693
135	108	LYONS	5C25	677	0.3575
136	30	Channing	1564	17	0.3529
137	241	Industrial	1416	706	0.3527
138	228	Manhattan	5135	655	0.3435
139	53	Southeast	5C80	383	0.3420

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2002 SAIFI Ranking	2001 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIFI Value
140	222	34th Street	5B85	1717	0.3401
141	235	Morton	M130	511	0.3386
142	0	Slaton	SL140	1291	0.3377
143	19	Vega	5170	646	0.3328
144	209	Weatherly	1350	733	0.3288
145	283	West Anton	3502	688	0.3241
146	66	Kite	5075	1057	0.3075
147	352	Pullman	2A40	101	0.3069
148	148	South Georgia	2346	977	0.3060
149	83	Springcreek	1316	434	0.2995
150	20	Herring	1434	1653	0.2952
151	0	Wye Switch Station	33-09	69	0.2899
152	224	Lawrence Park	5030	733	0.2879
153	185	Kingsmill	5115	1033	0.2807
154	94	Dalhart	1246	1335	0.2757
155	163	Waterfield	2361	487	0.2731
156	234	Littlefield South	LI120	63	0.2698
157	182	Hastings	7086	659	0.2625
158	219	South Georgia	2338	3292	0.2579
159	218	McCullough	7002	1458	0.2579
160	79	Littlefield South	LI110	1495	0.2528
161	154	Roxana	2334	207	0.2512
162	26	Perryton	1230	917	0.2486
163	190	Allen	L745	798	0.2356
164	16	Tokio	S800	103	0.2330
165	23	Hastings	7074	1673	0.2325
166	174	Estacado	5D20	544	0.2298
167	177	Bush	5205	1277	0.2255
168	193	Bush	5210	2185	0.2211
169	155	Wheelock	7370	1874	0.2209
170	0	Bainer	BA601	14	0.2143
171	263	Indiana	7465	1035	0.2126
172	54	Exell	1238	171	0.2105
173	47	South Georgia	5B40	2460	0.2077
174	147	Whiteface	LV220	312	0.2051
175	184	East Plant	A122	1326	0.2021
176	0	Coble	LV835	10	0.2000
177	284	Adair	S790	15	0.2000
178	215	Dimmitt South	DI110	312	0.1987
179	159	Booker	421	187	0.1979
180	267	Dalhart	108	363	0.1956
181	273	Lawrence Park	5025	1740	0.1943
182	166	Barwise	IB130	68	0.1912
183	271	Dimmitt East	DI180	390	0.1897
184	179	LYONS	5C20	1513	0.1897
185	13	Dalhart	1580	145	0.1862
186	145	Moss	6320	1845	0.1854
187	111	Murphy	7535	1957	0.1819

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2002 SAIFI Ranking	2001 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIFI Value
188	44	Muleshoe East	MU630	296	0.1757
189	195	West Borger	1A10	914	0.1751
190	21	Littlefield City	LI620	166	0.1747
191	256	Plainview West	P120	1756	0.1674
192	189	Pierce	5B00	1140	0.1667
193	292	Soncy	7116	66	0.1667
194	133	Springlake	SO140	54	0.1667
195	331	Perryton	1530	1040	0.1663
196	157	Lockney Rural	LA140	97	0.1649
197	146	Whitaker	5260	1362	0.1645
198	308	Doud	6480	2050	0.1537
199	140	Arrowhead	5D85	1428	0.1513
200	281	Farmers	5390	2803	0.1495
201	92	Van Buren	7190	68	0.1471
202	58	Moss	6540	315	0.1460
203	24	Highland Park	5325	312	0.1410
204	63	Garza	6520	533	0.1407
205	117	Etter Rural	5410	407	0.1376
206	285	Soncy	5130	1178	0.1324
207	138	ODC	S335	53	0.1321
208	223	Farmers	5385	231	0.1299
209	143	Irick	IB110	55	0.1273
210	176	Boardman	S430	48	0.1250
211	186	Dimmitt East	DI150	963	0.1215
212	192	South Floydada	3551	33	0.1212
213	46	Channing	1568	25	0.1200
214	257	Perryton	1535	879	0.1160
215	173	Bush	5215	1291	0.1154
216	162	Hastings	7082	1344	0.1153
217	227	Wheelock	7365	1744	0.1147
218	81	Manhattan	7164	1285	0.1144
219	220	Canadian	325	406	0.1133
220	246	Muleshoe West	MR140	688	0.1119
221	167	Middleton	LV820	54	0.1111
222	212	Garza	6500	504	0.1091
223	326	Sudan Rural	SR110	120	0.1083
224	356	West Borger	1A20	815	0.1067
225	317	Murphy	7430	784	0.1046
226	95	Plant X	X310	1034	0.1044
227	303	Pierce	5B05	1016	0.1043
228	253	Levelland City	LV180	2658	0.1042
229	88	Van Buren	7048	433	0.1039
230	181	Lawrence Park	5050	1056	0.1032
231	187	Soncy	7024	2101	0.1004
232	269	Van Buren	7198	1778	0.1001
233	260	Levelland City	LV190	2541	0.1000
234	249	Hereford	2627	1697	0.0984
235	82	Weatherly	1354	765	0.0967

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2002 SAIFI Ranking	2001 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIFI Value
236	252	Monroe	6610	517	0.0967
237	149	South Georgia	5B30	1399	0.0958
238	175	Kress Rural	KR120	148	0.0946
239	100	Allen	L740	1122	0.0945
240	321	Spearman	401	411	0.0925
241	268	Pacific	LV930	11	0.0909
242	137	Van Buren	7044	940	0.0872
243	300	Dalhart	114	495	0.0869
244	282	34th Street	5B95	1974	0.0861
245	204	Kite	7106	581	0.0861
246	208	Soncy	7020	860	0.0849
247	265	Kress Rural	KR110	369	0.0840
248	45	Spearman	402	348	0.0833
249	290	Centre Street	5310	1356	0.0826
250	15	Happy	7040	304	0.0822
251	99	Plainview East	P160	573	0.0820
252	126	Jaybee	S765	37	0.0811
253	289	Littlefield City	LI610	617	0.0810
254	278	Plainview West	P110	1026	0.0780
255	280	Canadian	335	182	0.0769
256	211	Barwise	IB140	65	0.0769
257	0	Farwell	FA610	403	0.0744
258	70	Acco	L570	256	0.0742
259	207	Lawrence Park	5275	1277	0.0689
260	39	Kingsmill	5095	44	0.0682
261	238	Manhattan	7160	1313	0.0678
262	106	Dalhart	116	302	0.0662
263	333	Spearman	301	443	0.0655
264	18	Plainview South	P220	1519	0.0652
265	129	East Plant	A126	609	0.0640
266	231	Canadian	340	426	0.0634
267	172	Olton	SO180	635	0.0630
268	250	Plainview North	P260	1559	0.0609
269	71	Pierce	5B10	841	0.0606
270	293	Plainview City	P680	100	0.0600
271	351	Puckett West	5C60	710	0.0592
272	274	Plainview City	P630	760	0.0579
273	203	Denver City East	S110	1503	0.0579
274	319	Denver City East	S100	685	0.0569
275	205	Westridge	P460	457	0.0569
276	93	Amherst	AM620	456	0.0548
277	294	Estacado	5D10	2590	0.0541
278	276	Lewters	L470	39	0.0513
279	98	Tuco	N404	889	0.0495
280	120	Lawrence Park	5020	1471	0.0483
281	171	Roxana	2076	873	0.0481
282	264	Dimmitt South	DI120	255	0.0471
283	89	Plainview West	P130	603	0.0448

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIFI Ranking	2001 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIFI Value
284	214	Doud	6345	561	0.0446
285	178	Olton	SO170	633	0.0442
286	245	Zavalla	LV780	23	0.0435
287	197	Levelland East	LV960	1083	0.0425
288	297	Muleshoe East	MU640	266	0.0414
289	59	Carlisle	6635	1046	0.0411
290	40	Riverview	R095	730	0.0411
291	165	Dawn	5A35	323	0.0402
292	312	Wellman	S755	228	0.0395
293	232	Plainview City	P620	433	0.0370
294	270	Allen	L520	1114	0.0359
295	6	Lockney Rural	LA150	86	0.0349
296	105	Doud	6325	2031	0.0335
297	299	Batton	L624	1070	0.0327
298	322	Stanton	6410	961	0.0312
299	233	Doud	6305	1704	0.0288
300	91	Vickers	6680	1588	0.0283
301	328	Muleshoe City	MU610	571	0.0280
302	325	Flanagan	S540	39	0.0256
303	288	South Georgia	2342	782	0.0256
304	323	Muleshoe City	MU620	737	0.0244
305	188	Puckett West	5C30	944	0.0244
306	338	Coulter	5285	1336	0.0240
307	254	Coulter	5280	798	0.0238
308	287	Batton	L622	912	0.0230
309	261	Clutter	6620	1772	0.0220
310	340	Plainview City	P670	235	0.0213
311	330	Plainview North	P270	142	0.0211
312	334	Allen	L510	1058	0.0208
313	259	South Georgia	5B35	1543	0.0207
314	0	Garza	PO110	636	0.0204
315	38	Lariat	MR110	100	0.0200
316	318	Morton	M120	765	0.0196
317	315	Levelland East	LV950	410	0.0195
318	161	Wheelock	7375	848	0.0189
319	134	El Paso	S320	212	0.0189
320	311	Slaton	6690	803	0.0187
321	296	Indiana	7450	1806	0.0183
322	96	Puckett West	5C35	1877	0.0181
323	84	Clutter	6630	500	0.0180
324	103	South Floydada	3547	823	0.0158
325	56	Stanton	6420	682	0.0147
326	136	Booker	422	212	0.0142
327	313	Allmon	AT120	658	0.0137
328	347	Lynn	6340	1103	0.0136
329	307	Allen	L750	778	0.0116
330	34	Hart	HA110	95	0.0105
331	198	Canyon West	7128	3350	0.0104

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIFI Ranking	2001 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIFI Value
332	324	Acco	L580	195	0.0103
333	225	Littlefield City	LI630	306	0.0098
334	213	Plainview South	P210	102	0.0098
335	202	Slaton	6600	525	0.0095
336	272	Canyon East	5185	452	0.0088
337	0	Whitharral	LV710	120	0.0083
338	353	Riley	S510	127	0.0079
339	85	Hendrick	6685	1429	0.0077
340	320	Ivory	L682	138	0.0072
341	332	Palo Duro	5235	160	0.0063
342	125	Van Buren	7194	414	0.0048
343	295	Levelland City	LV520	210	0.0048
344	327	Plainview City	P690	210	0.0048
345	336	Tuco	N412	651	0.0046
346	275	Batton	L640	1000	0.0040
347	0	Farwell	FA620	738	0.0027
348	4	Canyon East	5190	1162	0.0026
349	309	Hendrick	6675	1657	0.0018
350	164	Canyon West	5160	668	0.0015
351	0	Batton	L650	357	0.0000
352	0	Buffalo	2215	10	0.0000
353	0	Canadian	350	227	0.0000
354	343	Dumas 19th Street	1444	5437	0.0000
355	0	Dumas 19th Street	1498	27	0.0000
356	345	Friona	2410	1647	0.0000
357	0	Hale Center	HR110	849	0.0000
358	0	Hart	HA120	628	0.0000
359	346	Kingsmill	2180	2345	0.0000
360	0	Lynn	6300	603	0.0000
361	349	Mallet	LV120	16	0.0000
362	350	Parmer County	2455	818	0.0000
363	0	Parmer County	2465	22	0.0000
364	0	San Andres	S370	382	0.0000
365	0	Slaton	SL150	1055	0.0000
366	0	Southland	SO110	115	0.0000
367	0	Sunset	5D30	29	0.0000
368	354	Van Buren	7184	781	0.0000
369	355	Van Buren	7186	2058	0.0000
370	0	Whitaker	5265	38	0.0000

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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

370

Add or Delete Rows as Necessary

Southwestern Public Service Co

2002 SAIDI Ranking	2001 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIDI Value
1	66.00	Indiana	7440	11	758.00
2	14.00	Booker	33-08	1067	616.09
3	36.00	Doss	6660	80	578.88
4	282.00	Riley	S500	42	555.00
5	41.00	Allred	S180	112	547.46
6	304.00	Allred	S140	53	380.08
7	2.00	Carson County	7030	87	363.59
8	71.00	Burnett	1394	129	360.82
9	161.00	Russell	S280	96	359.18
10	314.00	Moore Co	M060	127	275.24
11	221.00	Tascosa	1222	37	271.78
12	45.00	Riverview	R090	29	259.52
13	0.00	Brisco	3457	10	250.20
14	62.00	Etter Rural	5405	969	245.29
15	265.00	Yellowhouse	LV900	30	236.53
16	6.00	Dalhart	1664	79	236.27
17	259.00	Happy	2326	360	229.14
18	114.00	Plainview East	P180	110	210.19
19	47.00	Middleton	LV810	27	207.41
20	246.00	Zavalla	LV790	13	204.85
21	5.00	Elwood	LV140	70	202.79
22	21.00	Boardman	S560	112	189.63
23	0.00	Wye Switch Station	33-10	776	187.53
24	106.00	Tenneco	S440	53	183.79
25	49.00	McLean Rural	5300	859	179.08
26	86.00	Waterfield	2364	361	173.84
27	63.00	Bowers	5090	313	171.29
28	20.00	Lehman	LV500	159	168.26
29	30.00	Sherman County	1456	952	166.66
30	84.00	Highland Park	5335	810	165.01
31	195.00	Perryton	1235	1340	160.45
32	348.00	Lynn	6510	309	157.37
33	9.00	Grave	7178	1524	149.78
34	61.00	Carson County	7034	49	145.69
35	68.00	Prentice	S875	40	143.63
36	69.00	Exell	1242	109	137.00
37	169.00	Sherman County	1452	32	135.38
38	40.00	Bowers	2053	52	130.19
39	7.00	Springcreek	1320	174	125.22
40	170.00	Cedar Lake East	S910	33	121.27
41	0.00	Lockney Rural	3421	17	120.00
42	67.00	Ivory	L685	1204	115.96
43	271.00	Arrowhead	5D80	225	112.65

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIDI Ranking	2001 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIDI Value
44	208.00	Plainview East	P150	181	111.54
45	44.00	Herring	1438	155	110.87
46	242.00	Parmer County	2475	796	109.14
47	270.00	Indiana	7480	1861	107.33
48	288.00	Sherman County	1448	807	107.27
49	101.00	Booker	535	264	106.33
50	75.00	Moore Co	M055	33	105.30
51	37.00	Wade	1420	63	104.21
52	238.00	Littlefield West	L1156	259	103.60
53	269.00	Centre Street	5305	2357	103.12
54	130.00	Doss	6670	1932	102.92
55	115.00	East Plant	A118	1704	102.10
56	58.00	Sunset	5D35	211	101.44
57	148.00	Riverview	R100	429	100.97
58	118.00	Springlake	SO150	73	97.22
59	313.00	Spearman	302	642	95.19
60	122.00	El Paso	S340	478	95.14
61	275.00	Kress Rural	KR140	147	94.16
62	150.00	Stanton	L540	786	94.08
63	260.00	Texaco	LV980	26	93.27
64	197.00	Lehman	LV510	240	91.91
65	23.00	Conway	5010	1380	90.81
66	187.00	34th Street	5B90	873	89.18
67	136.00	Fritch	1360	826	89.00
68	73.00	East Plant	A110	895	87.96
69	241.00	Littlefield City	L1640	673	87.24
70	281.00	Stanton	6570	123	85.02
71	243.00	Lawrence Park	5315	705	84.78
72	85.00	Bowers	2057	541	81.59
73	4.00	Wildorado	2014	189	79.67
74	1.00	Buffalo	5165	306	76.06
75	11.00	Roberts County	7010	564	75.98
76	35.00	Amoco	LV920	242	74.68
77	16.00	Kingsmill	5105	647	71.88
78	302.00	Lockney Rural	3417	1111	70.35
79	252.00	Canyon West	7124	2244	70.10
80	48.00	Flanagan	S550	40	69.98
81	225.00	Sudan Rural	SR120	558	69.38
82	10.00	Van Buren	7046	1729	69.19
83	142.00	Kingsmill	5110	489	68.55
84	0.00	Slaton	SL140	1291	68.18
85	95.00	Cherry	5C10	835	66.11
86	206.00	Industrial	1412	805	63.03
87	94.00	Farmers	5395	665	62.55
88	117.00	Hastings	7078	2953	59.56
89	156.00	Whiteface	LV210	154	59.09
90	237.00	McCullough	7005	1506	56.14
91	344.00	Fain	1105	28	55.75

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIDI Ranking	2001 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIDI Value
92	239.00	County Line	CL110	21	55.67
93	78.00	Southeast	5C80	383	55.32
94	90.00	Doss	S400	1275	53.46
95	171.00	Conway	5005	1834	51.70
96	322.00	Brisco	3434	560	51.12
97	81.00	Aiken Rural	LA110	112	50.24
98	88.00	Kingsmill	5100	131	50.08
99	352.00	Pullman	2A40	101	49.74
100	294.00	Brownfield	6580	349	48.21
101	240.00	Stanton	6430	1624	47.13
102	205.00	Lawrence Park	5030	733	44.98
103	50.00	Wildorado	2018	107	44.50
104	97.00	Hereford	2630	1185	44.41
105	139.00	LYONS	5C25	677	44.33
106	13.00	Exell	1238	171	42.65
107	57.00	Murphy	7535	1957	42.48
108	72.00	Whitaker	5270	1993	42.25
109	56.00	Couiter	5290	1588	41.79
110	55.00	Waterfield	2368	251	41.68
111	140.00	Dumas 19th Street	1470	2623	40.37
112	147.00	Kite	5B80	851	40.34
113	214.00	Boardman	S430	48	40.31
114	43.00	Ivory	L680	86	39.55
115	59.00	Cherry	5C15	1108	39.44
116	34.00	Herring	1434	1653	39.26
117	342.00	Doss	S410	159	38.61
118	190.00	Amherst	AM610	41	38.00
119	82.00	Spearman Int	1512	905	37.76
120	204.00	Dumas 19th Street	1371	1015	36.88
121	54.00	ODC	S325	127	36.57
122	141.00	Southeast	5C85	2416	36.54
123	25.00	Muleshoe Valley	MR150	99	35.56
124	107.00	Roxana	2334	207	35.54
125	277.00	Littlefield South	LI120	63	35.49
126	153.00	McCullough	5085	1180	35.11
127	198.00	Carlisle	6650	1851	33.89
128	226.00	Indiana	7465	1035	33.53
129	123.00	Dumas 19th Street	1367	1772	33.51
130	31.00	Muleshoe West	MR130	98	33.50
131	199.00	West Borger	1A10	914	32.53
132	235.00	Morton	M130	511	32.30
133	143.00	Friona Rural	2436	1621	32.22
134	164.00	Estacado	5D15	1361	31.32
135	168.00	Hastings	7086	659	31.12
136	179.00	Wheelock	7370	1874	30.96
137	126.00	Springlake	SO140	54	30.56
138	110.00	Waterfield	2361	487	30.12
139	222.00	McCullough	7002	1458	29.38

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIDI Ranking	2001 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIDI Value
140	129.00	Dalhart	106	150	29.27
141	76.00	Plainview South	P230	622	29.06
142	155.00	South Georgia	2346	977	28.22
143	296.00	Centre Street	5310	1356	28.20
144	103.00	Allen	L505	166	27.66
145	174.00	Industrial	1416	706	27.58
146	181.00	Dimmitt South	DI110	312	26.78
147	248.00	Irick	IB120	20	25.65
148	192.00	Manhattan	5135	655	25.30
149	256.00	Weatherly	1350	733	24.96
150	131.00	Pierce	5B00	1140	24.70
151	163.00	Kingsmill	5115	1033	24.49
152	24.00	Perryton	1230	917	24.47
153	0.00	Diekemper	DE110	21	24.33
154	8.00	Channing	1564	17	23.65
155	160.00	Estacado	5D20	544	23.56
156	65.00	Dalhart	1246	1335	22.73
157	200.00	South Georgia	2338	3292	22.60
158	108.00	Dalhart	1298	1021	21.91
159	39.00	Springcreek	1316	434	21.66
160	292.00	Farmers	5390	2803	21.57
161	224.00	34th Street	5B85	1717	21.55
162	3.00	Tokio	S800	103	21.30
163	83.00	Moss	6540	315	20.49
164	166.00	Bush	5205	1277	20.42
165	112.00	Vega	5170	646	20.02
166	60.00	Arrowhead	5D85	1428	19.94
167	191.00	Farmers	5385	231	19.58
168	176.00	Tascosa	1218	174	19.55
169	274.00	Lawrence Park	5025	1740	19.07
170	104.00	Etter Rural	5410	407	19.03
171	249.00	Dalhart	108	363	19.02
172	319.00	Sudan Rural	SR110	120	18.86
173	180.00	Bush	5210	2185	18.70
174	184.00	Barwise	IB130	68	18.04
175	116.00	Littlefield South	LI110	1495	17.97
176	22.00	Highland Park	5325	312	17.57
177	79.00	Pacific	LV940	72	17.32
178	0.00	Bainer	BA601	14	17.14
179	157.00	Plant X	X310	1034	16.99
180	121.00	Kite	5075	1057	16.91
181	212.00	Allen	L745	798	16.66
182	96.00	Garza	6500	504	16.05
183	28.00	Hastings	7074	1673	15.83
184	177.00	Planters	L710	1251	15.44
185	301.00	West Anton	3502	688	15.37
186	173.00	Manhattan	7164	1285	14.63
187	0.00	Coble	LV835	10	14.60

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIDI Ranking	2001 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIDI Value
188	159.00	South Georgia	5B30	1399	14.16
189	0.00	Wye Switch Station	33-09	69	14.12
190	210.00	Olton	SO180	635	13.90
191	87.00	Whitaker	5260	1362	13.83
192	186.00	Moss	6320	1845	13.56
193	102.00	Jaybee	S765	37	13.38
194	183.00	Fritch	1364	2064	13.14
195	113.00	South Georgia	5B40	2460	13.11
196	223.00	West Borger	1A15	1575	12.88
197	185.00	Booker	421	187	12.76
198	137.00	East Plant	A122	1326	12.17
199	109.00	ODC	S335	53	12.11
200	341.00	Garza	PO120	595	12.00
201	285.00	Soncy	7116	66	11.94
202	175.00	Allen	L740	1122	11.94
203	27.00	Dalhart	1580	145	11.84
204	46.00	Van Buren	7048	433	11.30
205	356.00	West Borger	1A20	815	11.21
206	51.00	Whiteface	LV220	312	11.00
207	236.00	Van Buren	7198	1778	10.84
208	263.00	South Floydada	3551	33	10.45
209	211.00	Adair	S790	15	10.33
210	70.00	Muleshoe East	MU630	296	10.04
211	0.00	Channing	450	230	10.00
212	182.00	LYONS	5C20	1513	9.95
213	250.00	Monroe	6610	517	9.56
214	351.00	Puckett West	5C60	710	8.86
215	93.00	Dimmitt East	DI150	963	8.75
216	98.00	Acco	L570	256	8.63
217	218.00	Lawrence Park	5275	1277	8.33
218	193.00	Bush	5215	1291	8.14
219	317.00	Spearman	401	411	8.06
220	128.00	Roxana	2076	873	7.97
221	201.00	Zavalla	LV780	23	7.83
222	300.00	Doud	6480	2050	7.78
223	162.00	Littlefield City	LI620	166	7.70
224	286.00	Pierce	5B05	1016	7.54
225	326.00	Spearman	301	443	7.53
226	267.00	Dimmitt East	DI180	390	7.40
227	336.00	Perryton	1530	1040	7.35
228	196.00	Weatherly	1354	765	7.34
229	229.00	Muleshoe West	MR140	688	7.32
230	227.00	34th Street	5B95	1974	7.04
231	15.00	Channing	1568	25	7.04
232	207.00	Wheelock	7365	1744	6.81
233	194.00	Soncy	7024	2101	6.71
234	188.00	Olton	SO170	633	6.66
235	234.00	Canadian	325	406	6.52

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIDI Ranking	2001 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIDI Value
236	165.00	Manhattan	7160	1313	6.52
237	127.00	Middleton	LV820	54	6.43
238	132.00	Hastings	7082	1344	6.25
239	111.00	East Plant	A126	609	6.22
240	105.00	Spearman	402	348	6.21
241	29.00	Van Buren	7190	68	6.18
242	289.00	Plainview West	P120	1756	6.09
243	178.00	Lawrence Park	5050	1056	5.99
244	203.00	Lockney Rural	LA140	97	5.98
245	280.00	Kress Rural	KR110	369	5.96
246	64.00	Pierce	5B10	841	5.96
247	189.00	Kress Rural	KR120	148	5.91
248	299.00	Perryton	1535	879	5.86
249	295.00	Levelland City	LV190	2541	5.84
250	217.00	Barwise	IB140	65	5.82
251	287.00	Soncy	5130	1178	5.80
252	307.00	Murphy	7430	784	5.77
253	262.00	Coulter	5280	798	5.29
254	135.00	Van Buren	7044	940	5.16
255	232.00	Dalhart	114	495	4.84
256	247.00	Hereford	2627	1697	4.79
257	154.00	Soncy	7020	860	4.67
258	264.00	Westridge	P450	1389	4.65
259	321.00	Denver City East	S100	685	4.65
260	261.00	Lewters	L470	39	4.62
261	0.00	Farwell	FA610	403	4.54
262	272.00	Plainview City	P620	433	4.42
263	134.00	Plainview West	P130	603	4.41
264	80.00	Riverview	R095	730	4.40
265	279.00	Littlefield City	LI610	617	4.33
266	230.00	Plainview City	P680	100	4.26
267	158.00	Puckett West	5C35	1877	4.21
268	32.00	Lawrence Park	5020	1471	4.16
269	145.00	Irick	IB110	55	4.09
270	255.00	Levelland City	LV180	2658	4.06
271	306.00	Stanton	6410	961	4.04
272	303.00	Plainview West	P110	1026	4.03
273	209.00	Denver City East	S110	1503	4.02
274	89.00	Happy	7040	304	3.93
275	133.00	Plainview East	P160	573	3.85
276	245.00	Doud	6305	1704	3.69
277	251.00	Kite	7106	581	3.69
278	215.00	Canadian	335	182	3.62
279	293.00	Estacado	5D10	2590	3.60
280	144.00	Amherst	AM620	456	3.43
281	138.00	Vickers	6680	1588	3.41
282	52.00	Dalhart	116	302	2.72
283	331.00	Levelland East	LV950	410	2.66

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIDI Ranking	2001 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIDI Value
284	146.00	Wheelock	7375	848	2.63
285	332.00	Coulter	5285	1336	2.63
286	167.00	Doud	6345	561	2.57
287	91.00	Doud	6325	2031	2.52
288	77.00	Plainview South	P220	1519	2.48
289	0.00	Whitharral	LV710	120	2.48
290	335.00	Tuco	N404	889	2.43
291	278.00	Plainview North	P260	1559	2.41
292	33.00	Clutter	6630	500	2.38
293	219.00	Clutter	6620	1772	2.34
294	266.00	Westridge	P460	457	2.32
295	258.00	Canadian	340	426	2.24
296	325.00	Allen	L510	1058	2.10
297	172.00	Dimmitt South	DI120	255	2.06
298	290.00	Muleshoe East	MU640	266	2.03
299	120.00	El Paso	S320	212	2.02
300	151.00	Dawn	5A35	323	1.98
301	312.00	Batton	L624	1070	1.96
302	273.00	South Georgia	5B35	1543	1.95
303	310.00	Flanagan	S540	39	1.87
304	324.00	Slaton	6690	803	1.83
305	330.00	Muleshoe City	MU610	571	1.80
306	38.00	Kingsmill	5095	44	1.77
307	253.00	Batton	L622	912	1.74
308	152.00	Carlisle	6635	1046	1.68
309	305.00	Plainview City	P630	760	1.68
310	315.00	Wellman	S755	228	1.58
311	100.00	Booker	422	212	1.57
312	18.00	Lockney Rural	LA150	86	1.56
313	231.00	Indiana	7450	1806	1.45
314	340.00	Plainview City	P670	235	1.42
315	268.00	Levelland East	LV960	1083	1.39
316	308.00	Pacific	LV930	11	1.36
317	26.00	Lariat	MR110	100	1.35
318	298.00	Allen	L520	1114	1.31
319	329.00	Morton	M120	765	1.21
320	74.00	Stanton	6420	682	1.18
321	202.00	Puckett West	5C30	944	1.17
322	0.00	Garza	PO110	636	1.12
323	284.00	Acco	L580	195	1.12
324	327.00	Muleshoe City	MU620	737	1.07
325	17.00	Hart	HA110	95	1.03
326	283.00	Batton	L640	1000	0.98
327	119.00	Slaton	6600	525	0.85
328	318.00	Allmon	AT120	658	0.82
329	333.00	Plainview North	P270	142	0.76
330	149.00	Garza	6520	533	0.70
331	323.00	Allen	L750	778	0.70

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Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2002 SAIDI Ranking	2001 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2002 SAIDI Value
332	220.00	Plainview South	P210	102	0.67
333	334.00	Palo Duro	5235	160	0.64
334	124.00	South Floydada	3547	823	0.57
335	42.00	Van Buren	7194	414	0.49
336	228.00	South Georgia	2342	782	0.48
337	257.00	Littlefield City	LI630	306	0.44
338	353.00	Riley	S510	127	0.42
339	309.00	Ivory	L682	138	0.41
340	347.00	Lynn	6340	1103	0.40
341	297.00	Canyon East	5185	452	0.37
342	233.00	Canyon West	7128	3350	0.34
343	328.00	Tuco	N412	651	0.33
344	99.00	Hendrick	6685	1429	0.31
345	0.00	Farwell	FA620	738	0.24
346	311.00	Levelland City	LV520	210	0.21
347	337.00	Plainview City	P690	210	0.20
348	316.00	Hendrick	6675	1657	0.14
349	19.00	Canyon East	5190	1162	0.09
350	213.00	Canyon West	5160	668	0.02
351	0.00	Batton	L650	357	0.00
352	0.00	Buffalo	2215	10	0.00
353	0.00	Canadian	350	227	0.00
354	343.00	Dumas 19th Street	1444	5437	0.00
355	0.00	Dumas 19th Street	1498	27	0.00
356	345.00	Friona	2410	1647	0.00
357	0.00	Hale Center	HR110	849	0.00
358	0.00	Hart	HA120	628	0.00
359	346.00	Kingsmill	2180	2345	0.00
360	0.00	Lynn	6300	603	0.00
361	349.00	Mallet	LV120	16	0.00
362	350.00	Parmer County	2455	818	0.00
363	0.00	Parmer County	2465	22	0.00
364	0.00	San Andres	S370	382	0.00
365	0.00	Slaton	SL150	1055	0.00
366	0.00	Southland	SO110	115	0.00
367	0.00	Sunset	5D30	29	0.00
368	354.00	Van Buren	7184	781	0.00
369	355.00	Van Buren	7186	2058	0.00
370	0.00	Whitaker	5265	38	0.00

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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.

2002 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	42.45%
Vegetation	11.29%
Animals and Birds	11.41%
People (Including cars and farm equip)	5.07%
Utility-owned Equipment	16.48%
Other	3.38%
Unknown	9.92%