



Control Number: 29165



Item Number: 8

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§25.52. -- Reliability and Continuity of Service.

<http://www.puc.state.tx.us/rules/subrules/electric/25.52/25.52.doc>

PUBLIC UTILITY COMMISSION
FILING CLERK

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 363

Due: February 16, 2004

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

Project: 29165

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
2003 Reporting Year

Southwestern Public Service Co

Project 29165

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													
2003	0.39	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.02	0.04	0.03	0.01	0.05
Scheduled													
2003	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes													
2003	0.17	0.01	0.00	0.00	0.04	0.02	0.02	0.04	0.00	0.01	0.00	0.01	0.00
Major Events													
2003	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
	0.41	0.02	0.02	0.02	0.03	0.05	0.05	0.07	0.02	0.04	0.03	0.01	0.05

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
Forced													
2003	32.40	1.38	1.19	2.23	4.32	5.72	5.38	1.68	2.78	2.45	0.45	1.76	3.05
Scheduled													
2003	0.54	0.02	0.00	0.04	0.16	0.02	0.05	0.03	0.10	0.04	0.02	0.05	0.01
Outside Causes													
2003	18.98	0.43	0.00	3.39	0.99	9.14	3.50	0.10	0.25	0.05	0.31	0.81	0.00
Major Events													
2003	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
	32.94	1.40	1.19	2.27	4.48	5.74	5.43	1.71	2.88	2.49	0.47	1.81	3.06

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

363

Add or Delete Rows as Necessary

Southwestern Public Service Co

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
1	185	Dalhart	1580	145	5.28
2	98	Bowers	5090	149	4.89
3	171	Indiana	7465	35	4.40
4	363	Parmer County	2465	22	3.82
5	34	Doss	6660	294	3.73
6	19	Dalhart	1664	61	3.46
7	20	Sherman County	1452	32	3.41
8	50	Springcreek	1320	174	3.15
9	88	Brownfield	6580	349	3.05
10	150	Herring	1434	1297	2.75
11	355	Dumas 19th Street	1498	27	2.74
12	67	Boardman	S560	112	2.70
13	16	Russell	S280	96	2.61
14	194	Springlake	SO140	54	2.41
15	164	Tokio	S800	103	2.33
16	42	Lehman	LV500	207	2.32
17	36	Cedar Lake East	S910	33	2.30
18	15	Etter Rural	5405	969	2.25
19	9	Moore Co	M055	33	2.21
20	327	Allmon	AT120	658	2.11
21	174	Whiteface	LV220	312	2.09
22	25	Moore Co	M060	127	2.08
23	14	Littlefield West	LI156	259	2.06
24	205	Etter Rural	5410	407	2.05
25	87	Whiteface	LV210	154	2.04
26	226	Plant X	X310	1034	2.03
27	56	Van Buren	7046	1729	2.03
28	11	Doss	S410	159	2.01
29	357	Hale Center	HR110	849	2.00
30	126	ODC	S325	127	1.97
31	103	Kingsmill	5110	489	1.96
32	155	Waterfield	2361	487	1.80
33	153	Kingsmill	5115	1033	1.73
34	55	Carlisle	6650	1240	1.64
35	100	Kingsmill	5105	647	1.61
36	208	Farmers	5385	231	1.59
37	73	Tascosa	1218	174	1.57
38	172	Exell	1238	158	1.56
39	204	Garza	6520	533	1.54
40	252	Jaybee	S765	37	1.51
41	70	Conway	5005	1834	1.48
42	260	Kingsmill	5095	44	1.48
43	29	Bowers	2053	52	1.42

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
44	221	Middleton	LV820	54	1.33
45	54	Yellowhouse	LV900	30	1.30
46	218	Manhattan	7164	1285	1.27
47	143	Vega	5170	646	1.26
48	57	El Paso	S340	478	1.24
49	188	Muleshoe East	MU630	296	1.23
50	168	Bush	5210	2185	1.23
51	110	Farmers	5395	665	1.22
52	112	Roberts County	7010	564	1.21
53	4	Sherman County	1456	952	1.21
54	51	Spearman Int	1512	905	1.19
55	122	Lehman	LV510	240	1.17
56	82	Waterfield	2368	251	1.15
57	43	Industrial	1412	805	1.14
58	167	Bush	5205	1277	1.13
59	313	South Georgia	5B35	1543	1.13
60	35	Indiana	7480	1861	1.10
61	183	Dimmitt East	DI180	390	1.09
62	211	Dimmitt East	DI150	963	1.08
63	72	Texaco	LV980	26	1.08
64	115	Friona Rural	2436	1621	1.07
65	269	Pierce	5B10	841	1.07
66	259	Lawrence Park	5275	1277	1.06
67	361	Mallet	LV120	16	1.06
68	71	Westridge	P450	1389	1.06
69	175	East Plant	A122	1326	1.06
70	229	Van Buren	7048	433	1.06
71	47	Arrowhead	5D80	225	1.05
72	23	Lockney Rural	3417	1111	1.04
73	77	Pacific	LV940	72	1.04
74	69	Sherman County	1448	807	1.04
75	297	Batton	L624	717	1.03
76	101	Sunset	5D35	211	1.03
77	215	Bush	5215	1291	1.03
78	335	Slaton	6600	525	1.03
79	300	Vickers	6680	1588	1.02
80	89	Kingsmill	5100	131	1.02
81	24	Lynn	6510	316	1.01
82	328	Lynn	6340	634	1.01
83	147	Pullman	2A40	101	1.00
84	241	Pacific	LV930	11	1.00
85	119	Allen	L505	111	1.00
86	213	Channing	1568	25	1.00
87	123	Bowers	2057	541	0.95
88	286	Zavalla	LV780	23	0.91
89	311	Plainview North	P270	142	0.88
90	8	Allred	S180	112	0.87
91	156	Littlefield South	LI120	63	0.83

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
92	96	Dumas 19th Street	1470	2623	0.80
93	3	McLean Rural	5300	859	0.79
94	169	Wheelock	7370	1255	0.79
95	317	Levelland East	LV950	410	0.79
96	138	Manhattan	5135	655	0.74
97	135	Lyons	5C25	677	0.74
98	319	El Paso	S320	212	0.73
99	33	Grave	7178	1524	0.69
100	199	Arrowhead	5D85	1428	0.69
101	131	Southeast	5C85	2416	0.67
102	133	Estacado	5D15	1361	0.65
103	97	Doss	6670	1932	0.65
104	299	Doud	6305	1142	0.64
105	125	Riverview	R100	429	0.64
106	132	Dalhart	1298	1021	0.63
107	31	Stanton	L540	527	0.62
108	360	Lynn	6300	976	0.59
109	332	Acco	L580	131	0.57
110	64	Waterfield	2364	361	0.57
111	186	Moss	6320	1845	0.57
112	261	Manhattan	7160	1313	0.55
113	222	Garza	6500	504	0.55
114	1	Carson County	7030	82	0.54
115	161	Roxana	2334	207	0.53
116	114	McCullough	5085	1180	0.53
117	18	Riverview	R090	29	0.52
118	105	Buffalo	5165	297	0.50
119	52	Whitaker	5270	1993	0.50
120	109	Ivory	L680	86	0.48
121	275	Westridge	P460	457	0.44
122	102	Prentice	S875	40	0.43
123	30	Highland Park	5335	810	0.41
124	157	Hastings	7086	659	0.40
125	116	Flanagan	S550	40	0.40
126	278	Lewters	L470	39	0.38
127	7	Burnett	1394	129	0.38
128	192	Pierce	5B00	1140	0.38
129	274	Denver City East	S100	685	0.38
130	265	East Plant	A126	609	0.38
131	44	Hastings	7078	2953	0.37
132	130	Fritch	1364	2064	0.36
133	45	Wildorado	2014	189	0.35
134	94	Lockney Rural	3421	17	0.35
135	149	Springcreek	1316	434	0.35
136	146	Kite	5075	1057	0.35
137	154	Dalhart	1246	1335	0.34
138	12	Allred	S140	53	0.34
139	338	Riley	S510	127	0.33

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
140	140	34th Street	5B85	1717	0.32
141	95	East Plant	A118	1704	0.31
142	6	Springlake	SO150	73	0.29
143	202	Moss	6540	315	0.29
144	283	Plainview West	P130	603	0.29
145	258	Acco	L570	172	0.28
146	40	Fritch	1360	826	0.28
147	184	Lyons	5C20	1513	0.28
148	197	Whitaker	5260	1362	0.27
149	74	Stanton	6570	82	0.27
150	348	Canyon East	5190	1162	0.26
151	61	Dumas 19th Street	1371	1015	0.26
152	158	South Georgia	2338	3292	0.25
153	281	Roxana	2076	873	0.25
154	129	Irick	IB120	20	0.25
155	292	Wellman	S755	228	0.25
156	280	Lawrence Park	5020	1471	0.25
157	137	Industrial	1416	706	0.25
158	32	Carson County	7034	97	0.25
159	127	Amherst	AM610	41	0.24
160	144	Weatherly	1350	733	0.24
161	60	Centre Street	5305	2357	0.24
162	38	Cherry	5C10	835	0.24
163	160	Littlefield South	LI110	1495	0.23
164	59	McCullough	7005	1506	0.23
165	107	Wildorado	2018	257	0.23
166	53	Dumas 19th Street	1367	1772	0.22
167	303	South Georgia	2342	782	0.22
168	48	Plainview East	P180	110	0.22
169	163	Allen	L745	534	0.21
170	134	Planters	L710	838	0.21
171	176	Coble	LV835	10	0.20
172	237	South Georgia	5B30	1399	0.20
173	232	Van Buren	7198	1778	0.19
174	207	ODC	S335	53	0.19
175	49	East Plant	A110	895	0.19
176	190	Littlefield City	LI620	166	0.19
177	224	West Borger	1A20	815	0.18
178	238	Kress Rural	KR120	148	0.18
179	250	Happy	7040	304	0.18
180	159	McCullough	7002	1458	0.17
181	145	West Anton	3502	688	0.17
182	349	Hendrick	6675	1657	0.17
183	228	Levelland City	LV180	2658	0.17
184	178	Dimmitt South	DI110	312	0.16
185	128	Cherry	5C15	1108	0.16
186	27	Conway	5010	976	0.16
187	245	Kite	7106	581	0.16

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
188	141	Morton	M130	511	0.16
189	203	Highland Park	5325	312	0.15
190	325	Stanton	6420	457	0.15
191	323	Clutter	6630	335	0.15
192	212	South Floydada	3551	33	0.15
193	273	Denver City East	S110	1503	0.15
194	65	Parmer County	2475	796	0.15
195	117	Kite	5B80	851	0.15
196	210	Boardman	S430	48	0.15
197	198	Doud	6480	1377	0.15
198	266	Canadian	340	426	0.14
199	121	Doss	S400	1275	0.14
200	21	Sudan Rural	SR120	558	0.14
201	295	Lockney Rural	LA150	86	0.14
202	246	Soncy	7020	860	0.14
203	75	Brisco	3434	560	0.14
204	256	Barwise	IB140	65	0.14
205	173	South Georgia	5B40	2460	0.14
206	191	Plainview West	P120	1756	0.13
207	165	Hastings	7074	1673	0.13
208	111	Herring	1438	155	0.13
209	272	Plainview City	P630	760	0.13
210	333	Littlefield City	LI630	306	0.13
211	318	Wheelock	7375	568	0.13
212	181	Lawrence Park	5025	1740	0.13
213	242	Van Buren	7044	940	0.12
214	268	Plainview North	P260	1559	0.12
215	225	Murphy	7430	784	0.12
216	247	Kress Rural	KR110	369	0.12
217	282	Dimmitt South	DI120	255	0.12
218	136	Channing	1564	17	0.12
219	216	Hastings	7082	1344	0.12
220	86	Canyon West	7124	2244	0.12
221	230	Lawrence Park	5050	1056	0.12
222	217	Wheelock	7365	1168	0.11
223	196	Lockney Rural	LA140	97	0.11
224	234	Hereford	2627	1697	0.11
225	189	West Borger	1A10	914	0.11
226	152	Lawrence Park	5030	733	0.11
227	28	Ivory	L685	806	0.11
228	62	Plainview South	P230	622	0.10
229	118	Lawrence Park	5315	705	0.10
230	2	Brisco	3457	10	0.10
231	10	Elwood	LV140	70	0.10
232	113	Muleshoe Valley	MR150	340	0.10
233	235	Weatherly	1354	765	0.10
234	251	Plainview East	P160	573	0.10
235	321	Indiana	7450	1210	0.10

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
236	351	Batton	L650	239	0.10
237	68	West Borger	1A15	1575	0.10
238	254	Plainview West	P110	1026	0.09
239	37	Littlefield City	LI640	673	0.09
240	124	Muleshoe West	MR130	98	0.09
241	329	Allen	L750	521	0.09
242	58	Aiken Rural	LA110	112	0.09
243	108	Dalhart	106	150	0.09
244	249	Centre Street	5310	1356	0.08
245	248	Spearman	402	348	0.08
246	120	34th Street	5B90	873	0.08
247	66	Kress Rural	KR140	147	0.08
248	264	Plainview South	P220	1519	0.08
249	200	Farmers	5390	2803	0.08
250	231	Soncy	7024	2101	0.08
251	76	Hereford	2630	1185	0.07
252	244	34th Street	5B95	1974	0.07
253	287	Levelland East	LV960	1083	0.07
254	220	Muleshoe West	MR140	688	0.07
255	291	Dawn	5A35	323	0.07
256	309	Clutter	6620	1187	0.07
257	78	Coulter	5290	1588	0.07
258	267	Olton	SO180	635	0.07
259	296	Doud	6325	1361	0.07
260	293	Plainview City	P620	433	0.06
261	306	Coulter	5285	1336	0.06
262	180	Dalhart	108	363	0.06
263	294	Allen	L520	746	0.06
264	277	Estacado	5D10	2590	0.06
265	206	Soncy	5130	1178	0.06
266	148	South Georgia	2346	977	0.06
267	223	Sudan Rural	SR110	120	0.06
268	353	Canadian	350	227	0.06
269	41	Tenneco	S440	53	0.06
270	92	Indiana	7440	37	0.05
271	233	Levelland City	LV190	2541	0.05
272	253	Littlefield City	LI610	617	0.05
273	337	Whitharral	LV710	120	0.05
274	270	Plainview City	P680	100	0.05
275	240	Spearman	401	411	0.05
276	90	Riley	S500	42	0.05
277	99	County Line	CL110	21	0.05
278	290	Riverview	R095	730	0.05
279	187	Murphy	7535	1572	0.04
280	182	Barwise	IB130	68	0.04
281	166	Estacado	5D20	544	0.04
282	312	Allen	L510	708	0.04
283	301	Muleshoe City	MU610	571	0.04

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
284	236	Monroe	6610	517	0.04
285	243	Dalhart	114	495	0.04
286	344	Plainview City	P690	210	0.04
287	22	Middleton	LV810	27	0.04
288	91	Garza	PO120	595	0.04
289	276	Amherst	AM620	456	0.04
290	271	Puckett West	5C60	710	0.03
291	227	Pierce	5B05	1016	0.03
292	85	Wade	1420	63	0.03
293	289	Carlisle	6635	701	0.03
294	305	Puckett West	5C30	944	0.03
295	334	Plainview South	P210	102	0.03
296	370	Whitaker	5265	38	0.03
297	310	Plainview City	P670	235	0.03
298	324	South Floydada	3547	823	0.02
299	284	Doud	6345	376	0.02
300	331	Canyon West	7128	3350	0.02
301	288	Muleshoe East	MU640	266	0.02
302	83	Happy	2326	360	0.02
303	219	Canadian	325	406	0.02
304	79	Plainview East	P150	181	0.02
305	263	Spearman	301	443	0.02
306	342	Van Buren	7194	414	0.02
307	322	Puckett West	5C35	1877	0.02
308	298	Stanton	6410	644	0.02
309	142	Slaton	SL140	1291	0.02
310	26	Exell	1242	109	0.02
311	209	Irick	IB110	55	0.02
312	316	Morton	M120	765	0.02
313	104	Stanton	6430	946	0.02
314	255	Canadian	335	182	0.02
315	201	Van Buren	7190	68	0.01
316	239	Allen	L740	751	0.01
317	NONE	Hale Center	HC610	370	0.01
318	81	Spearman	302	642	0.01
319	350	Canyon West	5160	668	0.01
320	308	Batton	L622	611	0.01
321	346	Batton	L640	670	0.01
322	339	Hendrick	6685	1429	0.01
323	279	Tuco	N404	889	0.01
324	314	Garza	PO110	636	0.01
325	139	Southeast	5C80	383	0.01
326	365	Slaton	SL150	1055	0.00
327	93	Channing	450	230	0.00
328	336	Canyon East	5185	452	0.00
329	345	Tuco	N412	651	0.00
330	304	Muleshoe City	MU620	737	0.00
331	285	Olton	SO170	633	0.00

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
332	366	Southland	SO110	115	0.00
333	177	Adair	S790	15	0.00
334	302	Flanagan	S540	39	0.00
335	364	San Andres	S370	382	0.00
336	315	Lariat	MR110	100	0.00
337	39	Amoco	LV920	242	0.00
338	46	Zavalla	LV790	13	0.00
339	343	Levelland City	LV520	210	0.00
340	340	Ivory	L682	138	0.00
341	347	Farwell	FA620	738	0.00
342	257	Farwell	FA610	403	0.00
343	106	Diekemper	DE110	21	0.00
344	170	Bainer	BA601	14	0.00
345	193	Soncy	7116	66	0.00
346	367	Sunset	5D30	29	0.00
347	63	Booker	535	264	0.00
348	341	Palo Duro	5235	160	0.00
349	326	Booker	422	212	0.00
350	179	Booker	421	187	0.00
351	5	Booker	33-08	1228	0.00
352	352	Buffalo	2215	10	0.00
353	214	Perryton	1535	879	0.00
354	195	Perryton	1530	1040	0.00
355	17	Perryton	1235	1340	0.00
356	162	Perryton	1230	917	0.00
357	262	Dalhart	116	302	0.00
358	80	Fain	1105	28	0.00
359	320	Slaton	6690	803	0.00
360	307	Coulter	5280	798	0.00
361	13	Tascosa	1222	37	0.00
362	358	Hart	HA120	628	0.00
363	330	Hart	HA110	95	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

363

Add or Delete Rows as Necessary

Southwestern Public Service Co

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
1	363	Parmer County	2465	22	596.91
2	128	Indiana	7465	35	478.91
3	162	Tokio	S800	103	446.46
4	203	Dalhart	1580	145	383.88
5	116	Herring	1434	1297	381.56
6	28	Lehman	LV500	207	373.43
7	168	Tascosa	1218	174	351.03
8	89	Whiteface	LV210	154	348.44
9	9	Russell	S280	96	345.59
10	361	Mallet	LV120	16	338.00
11	106	Exell	1238	158	335.46
12	3	Doss	6660	294	329.47
13	16	Dalhart	1664	61	328.52
14	193	Jaybee	S765	37	325.19
15	14	Etter Rural	5405	969	319.42
16	27	Bowers	5090	149	311.11
17	137	Springlake	SO140	54	286.19
18	37	Sherman County	1452	32	282.25
19	22	Boardman	S560	112	279.43
20	39	Springcreek	1320	174	276.98
21	52	Littlefield West	LI156	259	273.64
22	355	Dumas 19th Street	1498	27	272.44
23	133	Friona Rural	2436	1621	247.34
24	77	Kingsmill	5105	647	223.83
25	119	Spearman Int	1512	905	218.25
26	64	Lehman	LV510	240	210.33
27	100	Brownfield	6580	349	207.53
28	206	Whiteface	LV220	312	203.09
29	117	Doss	S410	159	200.68
30	217	Lawrence Park	5275	1277	192.09
31	10	Moore Co	M060	127	188.71
32	40	Cedar Lake East	S910	33	187.88
33	330	Garza	6520	533	185.09
34	57	Riverview	R100	429	182.63
35	177	Pacific	LV940	72	178.89
36	38	Bowers	2053	52	172.87
37	198	East Plant	A122	1326	166.12
38	50	Moore Co	M055	33	161.30
39	360	Lynn	6300	976	160.95
40	226	Dimmitt East	DI180	390	159.46
41	56	Sunset	5D35	211	157.86
42	215	Dimmitt East	DI150	963	155.95
43	87	Farmers	5395	665	153.09

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Southwestern Public Service Co

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
44	170	Etter Rural	5410	407	142.15
45	124	Roxana	2334	207	140.41
46	281	Vickers	6680	1588	136.02
47	62	Stanton	L540	527	133.33
48	83	Kingsmill	5110	489	126.62
49	121	ODC	S325	127	122.75
50	138	Waterfield	2361	487	122.50
51	328	Allmon	AT120	658	118.28
52	127	Carlisle	6650	1240	116.22
53	114	Ivory	L680	86	114.19
54	47	Indiana	7480	1861	104.77
55	357	Hale Center	HR110	849	102.00
56	72	Bowers	2057	541	99.51
57	231	Channing	1568	25	91.00
58	283	Levelland East	LV950	410	89.90
59	25	McLean Rural	5300	859	85.03
60	111	Dumas 19th Street	1470	2623	83.93
61	5	Allred	S180	112	81.57
62	35	Prentice	S875	40	79.90
63	182	Garza	6500	504	79.88
64	237	Middleton	LV820	54	79.04
65	301	Batton	L624	717	76.67
66	144	Allen	L505	111	74.47
67	167	Farmers	5385	231	74.03
68	166	Arrowhead	5D85	1428	71.43
69	12	Riverview	R090	29	69.52
70	258	Westridge	P450	1389	68.33
71	30	Highland Park	5335	810	68.21
72	98	Kingsmill	5100	131	67.59
73	29	Sherman County	1456	952	65.83
74	327	Slaton	6600	525	64.85
75	63	Texaco	LV980	26	64.46
76	151	Kingsmill	5115	1033	64.24
77	165	Vega	5170	646	63.67
78	246	Pierce	5B10	841	63.16
79	34	Carson County	7034	97	61.15
80	110	Waterfield	2368	251	59.21
81	316	Pacific	LV930	11	58.00
82	148	Manhattan	5135	655	56.29
83	276	Doud	6305	1142	55.05
84	306	Kingsmill	5095	44	54.98
85	75	Roberts County	7010	564	53.82
86	26	Waterfield	2364	361	52.76
87	60	El Paso	S340	478	52.48
88	156	Dalhart	1246	1335	51.73
89	173	Bush	5210	2185	50.60
90	122	Southeast	5C85	2416	48.74
91	48	Sherman County	1448	807	48.61

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
92	82	Van Buren	7046	1729	46.74
93	43	Arrowhead	5D80	225	45.98
94	105	Lyons	5C25	677	45.83
95	95	Conway	5005	1834	44.41
96	164	Bush	5205	1277	43.97
97	184	Planters	L710	838	43.97
98	329	Plainview North	P270	142	41.63
99	302	South Georgia	5B35	1543	40.47
100	54	Doss	6670	1932	40.26
101	179	Plant X	X310	1034	39.23
102	74	Buffalo	5165	297	38.92
103	78	Lockney Rural	3417	1111	38.92
104	80	Flanagan	S550	40	38.60
105	15	Yellowhouse	LV900	30	37.17
106	158	Dalhart	1298	1021	35.59
107	135	Hastings	7086	659	35.31
108	338	Riley	S510	127	35.24
109	8	Burnett	1394	129	34.98
110	33	Grave	7178	1524	34.94
111	268	Lawrence Park	5020	1471	33.85
112	221	Zavalla	LV780	23	33.78
113	259	Denver City East	S100	685	33.65
114	323	Acco	L580	131	33.21
115	99	Pullman	2A40	101	33.00
116	70	Stanton	6570	82	32.79
117	7	Carson County	7030	82	32.30
118	136	Wheelock	7370	1255	31.29
119	85	Cherry	5C10	835	30.99
120	58	Springlake	SO150	73	30.93
121	192	Moss	6320	1845	29.83
122	260	Lewters	L470	39	29.79
123	104	Hereford	2630	1185	29.60
124	210	Muleshoe East	MU630	296	28.90
125	67	Fritch	1360	826	28.80
126	159	Springcreek	1316	434	28.16
127	236	Manhattan	7160	1313	27.89
128	150	Pierce	5B00	1140	27.80
129	223	Littlefield City	LI620	166	27.52
130	108	Whitaker	5270	1993	27.46
131	277	Kite	7106	581	27.17
132	88	Hastings	7078	2953	27.08
133	220	Roxana	2076	873	27.05
134	6	Allred	S140	53	26.96
135	134	Estacado	5D15	1361	26.72
136	191	Whitaker	5260	1362	26.01
137	180	Kite	5075	1057	26.00
138	186	Manhattan	7164	1285	25.78
139	273	Denver City East	S110	1503	25.59

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2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
140	125	Littlefield South	L1120	63	25.24
141	313	Indiana	7450	1210	25.22
142	53	Centre Street	5305	2357	24.47
143	216	Acco	L570	172	24.10
144	299	El Paso	S320	212	23.70
145	126	McCullough	5085	1180	23.61
146	45	Herring	1438	155	23.40
147	185	West Anton	3502	688	23.15
148	157	South Georgia	2338	3292	22.78
149	86	Industrial	1412	805	22.75
150	55	East Plant	A118	1704	22.69
151	163	Moss	6540	315	22.39
152	120	Dumas 19th Street	1371	1015	22.16
153	175	Littlefield South	L1110	1495	22.01
154	73	Wildorado	2014	189	21.85
155	294	Westridge	P460	457	21.74
156	204	Van Buren	7048	433	21.10
157	149	Weatherly	1350	733	20.81
158	181	Allen	L745	534	20.52
159	310	Wellman	S755	228	19.45
160	247	Kress Rural	KR120	148	19.43
161	115	Cherry	5C15	1108	19.20
162	65	Conway	5010	976	18.73
163	239	East Plant	A126	609	18.65
164	194	Fritch	1364	2064	18.61
165	161	34th Street	5B85	1717	18.14
166	24	Tenneco	S440	53	17.47
167	188	South Georgia	5B30	1399	16.95
168	103	Wildorado	2018	257	16.82
169	200	Garza	PO120	595	16.34
170	320	Stanton	6420	457	16.03
171	336	South Georgia	2342	782	15.99
172	90	McCullough	7005	1506	15.87
173	199	ODC	S335	53	15.34
174	145	Industrial	1416	706	14.95
175	129	Dumas 19th Street	1367	1772	14.57
176	218	Bush	5215	1291	14.47
177	205	West Borger	1A20	815	14.08
178	32	Lynn	6510	316	14.05
179	287	Doud	6325	1361	13.96
180	183	Hastings	7074	1673	13.78
181	244	Lockney Rural	LA140	97	13.61
182	68	East Plant	A110	895	13.11
183	146	Dimmitt South	DI110	312	13.08
184	263	Plainview West	P130	603	12.90
185	270	Levelland City	LV180	2658	12.79
186	18	Plainview East	P180	110	12.66
187	331	Allen	L750	521	12.63

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2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
188	131	West Borger	1A10	914	12.62
189	284	Wheelock	7375	568	12.49
190	222	Doud	6480	1377	12.44
191	113	Boardman	S430	48	12.25
192	291	Plainview North	P260	1559	12.12
193	187	Coble	LV835	10	11.90
194	312	Lockney Rural	LA150	86	11.63
195	254	Van Buren	7044	940	11.58
196	176	Highland Park	5325	312	11.41
197	41	Lockney Rural	3421	17	10.94
198	142	South Georgia	2346	977	10.87
200	172	Sudan Rural	SR110	120	10.50
199	147	Irick	IB120	20	10.50
201	232	Wheelock	7365	1168	10.44
202	349	Canyon East	5190	1162	10.25
203	292	Clutter	6630	335	10.18
204	132	Morton	M130	511	10.17
205	79	Canyon West	7124	2244	10.11
206	66	34th Street	5B90	873	10.01
207	139	McCullough	7002	1458	9.85
208	81	Sudan Rural	SR120	558	9.83
209	212	Lyons	5C20	1513	9.80
210	196	West Borger	1A15	1575	9.75
211	207	Van Buren	7198	1778	9.64
212	94	Doss	S400	1275	9.56
213	195	South Georgia	5B40	2460	9.21
214	154	Channing	1564	17	9.12
215	252	Murphy	7430	784	9.09
216	280	Amherst	AM620	456	8.66
217	348	Hendrick	6675	1657	8.61
218	141	Plainview South	P230	622	8.28
219	238	Hastings	7082	1344	8.26
220	242	Plainview West	P120	1756	8.18
221	46	Parmer County	2475	796	8.01
222	123	Muleshoe Valley	MR150	340	7.89
223	295	Canadian	340	426	7.86
224	118	Amherst	AM610	41	7.85
225	257	Soncy	7020	860	7.74
226	102	Lawrence Park	5030	733	7.68
227	337	Littlefield City	LI630	306	7.67
228	213	Monroe	6610	517	7.61
229	143	Centre Street	5310	1356	7.46
230	42	Ivory	L685	806	7.37
231	112	Kite	5B80	851	7.27
232	69	Littlefield City	LI640	673	7.26
233	61	Kress Rural	KR140	147	7.23
234	71	Lawrence Park	5315	705	7.20
235	297	Dimmitt South	DI120	255	7.15

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
236	229	Muleshoe West	MR140	688	6.94
237	109	Coulter	5290	1588	6.87
238	274	Happy	7040	304	6.82
239	169	Lawrence Park	5025	1740	6.50
240	256	Hereford	2627	1697	6.48
241	243	Lawrence Park	5050	1056	6.35
242	107	Murphy	7535	1572	6.19
243	190	Olton	SO180	635	6.18
244	228	Weatherly	1354	765	6.16
245	230	34th Street	5B95	1974	6.12
246	245	Kress Rural	KR110	369	5.93
247	21	Elwood	LV140	70	5.89
248	315	Levelland East	LV960	1083	5.58
249	309	Plainview City	P630	760	5.57
250	240	Spearman	402	348	5.34
251	300	Dawn	5A35	323	5.23
252	140	Dalhart	106	150	5.21
253	293	Clutter	6620	1187	5.12
254	271	Stanton	6410	644	5.04
255	171	Dalhart	108	363	4.98
256	275	Plainview East	P160	573	4.61
257	160	Farmers	5390	2803	4.55
258	233	Soncy	7024	2101	4.45
259	96	Brisco	3434	560	4.40
260	13	Brisco	3457	10	4.30
261	285	Coulter	5285	1336	4.22
262	318	Allen	L520	746	3.89
263	130	Muleshoe West	MR130	98	3.86
264	97	Aiken Rural	LA110	112	3.81
265	279	Estacado	5D10	2590	3.81
267	4	Riley	S500	42	3.81
266	92	County Line	CL110	21	3.81
268	214	Puckett West	5C60	710	3.79
269	267	Puckett West	5C35	1877	3.77
270	250	Barwise	IB140	65	3.69
271	249	Levelland City	LV190	2541	3.46
272	208	South Floydada	3551	33	3.39
273	264	Riverview	R095	730	3.35
274	262	Plainview City	P620	433	3.32
275	288	Plainview South	P220	1519	3.27
276	272	Plainview West	P110	1026	3.20
277	266	Plainview City	P680	100	3.10
278	351	Batton	L650	239	2.90
279	1	Indiana	7440	37	2.86
280	340	Lynn	6340	634	2.85
281	353	Canadian	350	227	2.79
282	235	Canadian	325	406	2.61
283	219	Spearman	401	411	2.60

Service Quality Report to the Public Utility Commission of Texas

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2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
284	19	Middleton	LV810	27	2.59
285	308	Carlisle	6635	701	2.58
286	289	Whitharral	LV710	120	2.55
287	334	South Floydada	3547	823	2.52
288	101	Stanton	6430	946	2.37
289	347	Plainview City	P690	210	2.37
290	332	Plainview South	P210	102	2.36
291	155	Estacado	5D20	544	2.35
292	296	Allen	L510	708	2.09
293	17	Happy	2326	360	2.02
294	44	Plainview East	P150	181	2.01
295	251	Soncy	5130	1178	1.91
296	224	Pierce	5B05	1016	1.82
297	321	Puckett West	5C30	944	1.81
298	370	Whitaker	5265	38	1.76
299	265	Littlefield City	LI610	617	1.73
300	342	Canyon West	7128	3350	1.70
301	314	Plainview City	P670	235	1.58
302	319	Morton	M120	765	1.55
303	335	Van Buren	7194	414	1.53
304	305	Muleshoe City	MU610	571	1.52
305	225	Spearman	301	443	1.50
306	93	Southeast	5C80	383	1.46
307	286	Doud	6345	376	1.43
308	51	Wade	1420	63	1.35
309	174	Barwise	IB130	68	1.32
310	322	Garza	PO110	636	1.30
311	36	Exell	1242	109	1.18
312	269	Irick	IB110	55	1.18
313	278	Canadian	335	182	1.15
314	241	Van Buren	7190	68	1.12
315	NONE	Hale Center	HC610	370	1.09
316	202	Allen	L740	751	1.06
317	255	Dalhart	114	495	1.03
318	84	Slaton	SL140	1291	0.89
319	298	Muleshoe East	MU640	266	0.75
320	326	Batton	L640	670	0.74
321	59	Spearman	302	642	0.68
322	350	Canyon West	5160	668	0.65
323	344	Hendrick	6685	1429	0.40
324	307	Batton	L622	611	0.38
325	211	Channing	450	230	0.29
326	290	Tuco	N404	889	0.17
327	341	Canyon East	5185	452	0.15
328	365	Slaton	SL150	1055	0.13
329	343	Tuco	N412	651	0.09
330	324	Muleshoe City	MU620	737	0.05
331	91	Fain	1105	28	0.00

Service Quality Report to the Public Utility Commission of Texas

Southwestern Public Service Co

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
332	282	Dalhart	116	302	0.00
333	11	Tascosa	1222	37	0.00
334	152	Perryton	1230	917	0.00
335	31	Perryton	1235	1340	0.00
336	227	Perryton	1530	1040	0.00
337	248	Perryton	1535	879	0.00
338	352	Buffalo	2215	10	0.00
339	2	Booker	33-08	1228	0.00
340	197	Booker	421	187	0.00
341	311	Booker	422	212	0.00
342	333	Palo Duro	5235	160	0.00
343	253	Coulter	5280	798	0.00
344	49	Booker	535	264	0.00
345	367	Sunset	5D30	29	0.00
346	304	Slaton	6690	803	0.00
347	201	Soncy	7116	66	0.00
348	178	Bainer	BA601	14	0.00
349	153	Diekemper	DE110	21	0.00
350	261	Farwell	FA610	403	0.00
351	345	Farwell	FA620	738	0.00
352	325	Hart	HA110	95	0.00
353	358	Hart	HA120	628	0.00
354	339	Ivory	L682	138	0.00
355	346	Levelland City	LV520	210	0.00
356	20	Zavalla	LV790	13	0.00
357	76	Amoco	LV920	242	0.00
358	317	Lariat	MR110	100	0.00
359	364	San Andres	S370	382	0.00
360	303	Flanagan	S540	39	0.00
361	209	Adair	S790	15	0.00
362	366	Southland	SO110	115	0.00
363	234	Olton	SO170	633	0.00

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.

2003 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	37.73%
Vegetation	1.98%
Animals and Birds	9.60%
People (Including cars and farm equip)	16.65%
Utility-owned Equipment	25.83%
Other	4.28%
Unknown	3.92%