



Control Number: 32237



Item Number: 8

Addendum StartPage: 0

RECEIVED  
2006 FEB 14 AM 10:13  
PUBLIC UTILITY COMMISSION  
FILING CLERK

**Service Quality Report**  
**To The**  
**Public Utility Commission of Texas**  
**In Accordance With**  
**Substantive Rule §25.81**  
**2005 Reporting Year**

**Texas-New Mexico Power**

**Project 32237**

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2005	0.5629	0.0172	0.0224	0.0199	0.0494	0.0843	0.0454	0.1152	0.0549	0.0552	0.0184	0.0416	0.039
Scheduled													
2005	0.0045			0.0001	0.0003	0.0003	0.0002		0.0001	0.0001	0.0003	0.0033	
Outside Causes													
2005													
Major Events													
2005	0.0979					0.0808				0.0171			

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2005	44.133	1.469	1.8548	1.9223	3.0939	6.4772	4.4553	7.2432	4.7036	5.2239	1.5086	3.1388	3.0422
Scheduled													
2005	0.1994		0.0078	0.0301	0.0171	0.0797	0.0155	0.0018	0.0073	0.0041	0.02	0.016	
Outside Causes													
2005													
Major Events													
2005	24.58					14.8311				9.749			

# Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

With More Than 10 Customers

Total Number of Feeders

279

Add or Delete Rows as Necessary

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
1	42	LAKEPOINTE SUB	2536	103	6.1068
2	19	WICKETT SUB	12K446	24	4.6667
3	69	MERIDIAN SUB	23205	183	4.6313
4	220	LAKEPOINTE SUB	2508	291	4.6068
5	107	RED RIVER SUB	2252	1559	3.422
6	217	WINKLER CO. NO. 6 SUB	25K11	14	3
7	232	WHITEWRIGHT SUB	12573	199	2.8794
8	76	VALLEY MILLS SUB	22575	669	2.7759
9	295	WORSHAM FIELD SUB	13P97	57	2.5614
10	120	OLD OCEAN SUBSTATION	1261	174	2.4766
11	5	DICKINSON SUBSTATION	1272	1455	2.4466
12	38	DICKINSON SUBSTATION	1267	1207	2.4421
13	178	GLEN ROSE SUB	22300	1198	2.3978
14	71	LAKEPOINTE SUB	2516	715	2.3268
15	208	KRUGERVILLE SUB	2604	2111	2.2635
16	55	AIRPORT SUB	12F44	560	2.1948
17	163	NOCONA SUB	13374	717	2.1186
18	80	KEYSTONE SUB	12K434	26	2.1154
19	122	VALLEY MILLS SUB	22570	440	2.075
20	73	MERIDIAN SUB	680	310	2.0419
21	60	RED RIVER SUB	2229	422	2.0047
22	186	JONES STREET SUB	1431	1474	1.8492
23	112	DOWNTOWN 12.5 SUB	12F114	794	1.825
24	1	PYOTE SUB	25P217	48	1.8125
25	10	HAMILTON COUNTY SUB	2345	273	1.7661
26	90	HAMILTON COUNTY SUB	2340	203	1.6551
27	32	W.D. FAULKNER SUB	12P259	128	1.5624
28	77	LAKEPOINTE SUB	2512	441	1.5207
29	7	EMORY SUB (ONCOR)	1201	1406	1.5199

4

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
30	64	CLIMAX SUB	22110	1073	1.517
31	29	SWEENEY SUBSTATION	1264	1285	1.513
32	9	ANGLETON SUBSTATION	1155	840	1.4862
33	139	CALIFORNIA SUB	12K86	37	1.4324
34	128	PECOS MAIN SUB	12P03	370	1.4297
35	50	WHITNEY SUB	22450	780	1.4039
36	241	LAKEPOINTE SUB	2544	1876	1.3807
37	87	ALVIN SUB	1115	1910	1.3708
38	45	CORYELL CO SUB	22365	660	1.3331
39	130	LONGNECK SUB	23126	484	1.2956
40	41	HILL COUNTY SUB	23340	600	1.2568
41	83	GLEN ROSE SUB	23875	1007	1.2555
42	16	DEPORT SUB (ONCOR)	22164	1785	1.2346
43	56	THURBER SUB	1490	810	1.2206
44	106	HANDLEY SUB	22820	46	1.2173
45	13	HICO CITY SUB	390	298	1.1814
46	240	BLUE RIDGE SUB	22700	400	1.1676
47	215	CORYELL CO SUB	22160	69	1.1595
48	27	FREEWAY PARK SUBSTATION	1298	1405	1.1418
49	140	JONES STREET SUB	1411	1977	1.1351
50	154	PETROLIA SUB	12260	974	1.1325
51	244	TI SUB	1033	1911	1.0936
52	179	WALNUT SPRINGS SUB	1270	44	1.0908
53	198	SOUTH SUB	1108	1639	1.0881
54	98	PECOS MAIN SUB	12P02	1167	1.0831
55	157	LAKE WHITNEY SUB	12355	932	1.0806
56	231	JONES STREET SUB	1412	438	1.0684
57	146	TEJAS SUBSTATION	1212	255	1.0625
58	N/A	MAGNOLIA SUBSTATION	1146	1548	1.0578
59	40	VALLEY MILLS SUB	22565	434	1.0276
60	182	WHITNEY SUB	22460	644	1.0219
61	210	THURBER SUB	22890	404	1.02
62	33	BRAZORIA SUBSTATION	1291	800	1.0144
63	57	LEONARD SUB	14635	617	1.0095

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
64	289	SANDERSON SUB	4S28	316	1.0064
65	161	PECOS MAIN SUB	2P06	211	1
66	74	STAFFORD SUB	12P99	287	1
67	291	SYCAMORE SUB	24100	41	1
68	15	WHITEWRIGHT SUB	13563	267	1
69	113	SOUTH SUB	1103	1115	0.9831
70	118	WORSHAM FIELD SUB	13P98	240	0.8795
71	242	LAKEPOINTE SUB	2540	749	0.8571
72	172	PUCKETT SUB	25F14	38	0.8158
73	37	HANDLEY SUB	22825	475	0.8103
74	192	HICO CITY SUB	395	588	0.806
75	96	ANGLETON SUBSTATION	1244	1153	0.7528
76	123	THURBER SUB	1447	625	0.7344
77	129	MERIDIAN SUB	23210	825	0.7299
78	110	LEONARD SUB	12682	256	0.6719
79	34	LONE STAR SUB	25P174	30	0.6665
80	115	BRAZORIA SUBSTATION	1270	1007	0.6358
81	177	ANGLETON SUBSTATION	1154	1470	0.6313
82	8	ALVIN SUB	1230	1569	0.6264
83	30	NOCONA SUB	12486	162	0.6234
84	93	DICKINSON SUBSTATION	1277	1636	0.6133
85	121	WALNUT SPRINGS SUB	2210	583	0.6123
86	180	FLAT TOP SUB	26P03	61	0.6066
87	24	OLNEY SUB	1690	481	0.6064
88	43	LONE STAR SUB	25P171	30	0.5999
89	193	LEONARD SUB	12678	304	0.589
90	22	16TH STREET SUB	12F71	1113	0.568
91	206	GLEN ROSE SUB	22285	219	0.5663
92	11	OLD OCEAN SUBSTATION	1260	462	0.5457
93	205	DOWNTOWN 12.5 SUB	12F130	1132	0.5142
94	26	DICKINSON SUBSTATION	1274	1504	0.5109
95	31	SWEENEY SUBSTATION	1263	546	0.5057
96	125	DICKINSON SUBSTATION	1279	1779	0.4872
97	100	WHITEWRIGHT SUB	12574	751	0.4857

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
98	102	LONGNECK SUB	23130	603	0.4711
99	49	PECOS MAIN SUB	12P362	712	0.4621
100	201	PUCKETT SUB	25F18	26	0.4616
101	84	SWEENEY SUBSTATION	1129	742	0.459
102	104	ANGLETON SUBSTATION	1240	1370	0.4355
103	119	ALVIN SUB	1116	2050	0.4328
104	127	ALVIN SUB	1257	2022	0.4328
105	138	NOCONA SUB	13610	849	0.4278
106	18	CLIMAX SUB	2270	467	0.4174
107	78	ANGLETON SUBSTATION	1153	2317	0.4164
108	155	ALVIN SUB	1117	1541	0.4134
109	111	LAMARQUE SUBSTATION	1204	1590	0.3962
110	131	GLEN ROSE SUB	22305	841	0.396
111	94	OLNEY SUB	1695	631	0.3942
112	124	REEVES CO. NO. 4 SUB	13P37	130	0.3847
113	134	DICKINSON SUBSTATION	1266	651	0.3839
114	145	FRIENDSWOOD SUBSTATION	1108	1685	0.3833
115	126	FRIENDSWOOD SUBSTATION	1252	1583	0.3822
116	248	BRYSON SUB	1233	154	0.3766
117	114	BRAZORIA SUBSTATION	1290	815	0.3744
118	65	OLNEY SUB	1685	713	0.3655
119	183	MAGNOLIA SUBSTATION	1145	920	0.3643
120	58	NORTHSIDE SUBSTATION	1228	1661	0.3526
121	132	LAKE WHITNEY SUB	1230	557	0.3503
122	99	STAFFORD SUB	12P83	486	0.342
123	158	LAMARQUE SUBSTATION	1205	1032	0.3392
124	133	LEONARD SUB	14631	415	0.3372
125	205	FRIENDSWOOD SUBSTATION	1109	1394	0.3367
126	117	SWEENEY SUBSTATION	1128	1517	0.3295
127	25	ANGLETON SUBSTATION	1243	1364	0.3202
128	239	HAMILTON CITY SUB	23820	371	0.3153
129	23	BRAZORIA SUBSTATION	1271	1463	0.3002
130	92	CLIFTON 1 22KV SUB	22485	227	0.2951
131	194	LAMARQUE SUBSTATION	1110	378	0.2909



# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
132	135	FRIENDSWOOD SUBSTATION	1251	1756	0.287
133	200	ALVIN SUB	1259	663	0.2772
134	39	FREEWAY PARK SUBSTATION	1103	1428	0.2716
135	147	FREEWAY PARK SUBSTATION	1299	814	0.2693
136	150	CLIFTON 1 22KV SUB	22495	331	0.2689
137	191	WEST COLUMBIA LOCAL SUBSTATION	1237	827	0.2612
138	51	NORTHSIDE SUBSTATION	1292	1405	0.2599
139	61	HILL COUNTY SUB	22125	438	0.2582
140	2	ANGLETON SUBSTATION	1241	1277	0.2501
141	54	WALNUT SPRINGS SUB	2200	440	0.2501
142	97	WEST COLUMBIA LOCAL SUBSTATION	1233	1101	0.2477
143	136	LAMARQUE SUBSTATION	1202	1092	0.2453
144	196	SOUTH SHORE SUBSTATION	1194	1294	0.241
145	137	LEAGUE CITY MAIN SUBSTATION	1282	2115	0.2409
146	70	CLIFTON #2 SUB	4165	416	0.2331
147	126	FRIENDSWOOD SUBSTATION	1253	1730	0.233
148	159	WEST SUB	1235	1314	0.2328
149	153	REEVES CO. NO. 4 SUB	12P28	92	0.2285
150	162	ALVIN SUB	1231	1857	0.2268
151	164	HEIGHTS SUBSTATION	1222	608	0.225
152	253	HAMILTON CITY SUB	22785	272	0.2243
153	230	COCHISE SUB	25P47	23	0.2174
154	175	ALVIN SUB	1232	1135	0.2141
155	3	BELDING SUB	12F161	47	0.2129
156	141	WHITEWRIGHT SUB	12698	1120	0.2118
157	218	LONE OAK SUB	13384	394	0.2082
158	185	LAMARQUE SUBSTATION	1201	916	0.2079
159	226	GATESVILLE 2 SUB	429	375	0.2053
160	59	LEAGUE CITY MAIN SUBSTATION	1283	1521	0.2046
161	105	CALIFORNIA SUB	12K87	54	0.2037
162	89	NOCONA SUB	13370	869	0.203
163	142	LEAGUE CITY MAIN SUBSTATION	1281	1559	0.1939
164	188	COCHISE SUB	25P48	233	0.1932
165	81	SYCAMORE SUB	24105	130	0.1923

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
166	270	GATESVILLE 1 SUB	419	253	0.1898
167	199	GATESVILLE 2 SUB	22725	1025	0.1876
168	52	NORTHSIDE SUBSTATION	1295	1604	0.1874
169	202	LEAGUE CITY MAIN SUBSTATION	1284	695	0.1867
170	116	STAFFORD SUB	12P82	317	0.1862
171	149	MAGNOLIA SUBSTATION	1144	1102	0.1812
172	223	ANGLETON SUBSTATION	1242	552	0.1809
173	148	LAMARQUE SUBSTATION	1203	455	0.1694
174	212	TEJAS SUBSTATION	1217	710	0.1688
175	235	MAGNOLIA SUBSTATION	1148	1246	0.1678
176	N/A	SEMINOLE SUBSTATION	1403	1517	0.1673
177	190	PECOS MAIN SUB	12P01	98	0.1633
178	156	WEST COLUMBIA LOCAL SUBSTATION	1235	876	0.1615
179	258	16TH STREET SUB	12F72	169	0.1598
180	12	HEIGHTS SUBSTATION	1134	930	0.1571
181	91	JONES STREET SUB	1413	1175	0.1562
182	229	AIRPORT SUB	12F725	1231	0.1483
183	144	WEST COLUMBIA LOCAL SUBSTATION	1234	1052	0.1448
184	36	FREEWAY PARK SUBSTATION	1101	1494	0.1426
185	53	GLEN ROSE SUB	22295	705	0.1418
186	187	HAMILTON CITY SUB	22780	826	0.1414
187	109	NORTHSIDE SUBSTATION	1294	1078	0.1356
188	6	FLAT TOP SUB	26P02	30	0.1333
189	47	HEIGHTS SUBSTATION	1132	1146	0.1328
190	174	WHITEWRIGHT SUB	12575	770	0.1313
191	171	KRUGERVILLE SUB	2608	1654	0.1298
192	214	MAGNOLIA SUBSTATION	1149	2147	0.1282
193	101	IH 20 SUB	12P566	118	0.1272
194	257	KERMIT NO. 1 SUB	4K04	393	0.1272
195	250	SANDERSON SUB	4S27	103	0.1262
196	85	ANGLETON SUBSTATION	1245	718	0.1254
197	14	NORTHSIDE SUBSTATION	1293	643	0.1231
198	234	WALNUT SPRINGS SUB	2215	107	0.1213
199	251	SOUTH SHORE SUBSTATION	1195	546	0.1208

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
200	46	HAMILTON COUNTY SUB	24015	673	0.1193
201	204	TI SUB	1012	2210	0.1169
202	66	TEJAS SUBSTATION	1215	1657	0.1156
203	233	TALCO WEST SUB	13909	26	0.1155
204	290	SOUTH SHORE SUBSTATION	1191	1428	0.1134
205	176	KERMIT NO. 2 SUB	12K48	502	0.1116
206	207	CLIFTON #2 SUB	23165	66	0.1062
207	170	SOUTH SUB	1104	3288	0.1043
208	169	TEJAS SUBSTATION	1214	527	0.1025
209	228	WICKETT SUB	12K449	172	0.0988
210	165	ALVIN SUB	1254	1425	0.0966
211	197	SOUTH SHORE SUBSTATION	1192	1745	0.0957
212	28	FLAT TOP SUB	26P01	105	0.095
213	173	WEST SUB	1221	1766	0.0918
214	13	HEIGHTS SUBSTATION	1224	1281	0.0913
215	274	KERMIT NO. 1 SUB	4K05	143	0.091
216	256	GATESVILLE 1 SUB	422	248	0.0887
217	254	TI SUB	1032	3200	0.0845
218	213	SAINT JO SUB	408	275	0.0837
219	237	SANDERSON SUB	4S26	234	0.0813
220	62	WHITNEY SUB	22455	746	0.0804
221	219	MERIDIAN SUB	690	271	0.0738
222	265	CLIFTON 1 4KV SUB	490	42	0.0714
223	20	PYOTE SUB	25P312	128	0.0702
224	143	SOUTH SUB	1107	1410	0.0674
225	108	LONE OAK SUB	13388	60	0.0667
226	268	FRONTIER SUB	4236	281	0.0641
227	216	AIRPORT SUB	12F271	97	0.0618
228	82	WEST SUB	1222	1401	0.0599
229	236	GRAHAM SUB	12605	140	0.057
230	151	STAFFORD SUB	13P50	88	0.0568
231	17	GOMEZ SUB	25F61	18	0.0556
232	238	KERMIT NO. 2 SUB	12K98	289	0.0554
233	103	STAFFORD SUB	12P50	289	0.0554

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
234	167	SOUTH SHORE SUBSTATION	1190	2263	0.0551
235	222	WEST SUB	1201	713	0.0533
236	88	WEST SUB	1223	2409	0.0526
237	243	HAMILTON CITY SUB	23825	154	0.052
238	86	NOCONA SUB	12490	298	0.0504
239	68	FREEWAY PARK SUBSTATION	1102	841	0.05
240	245	CLIFTON #2 SUB	24370	212	0.0471
241	21	SOUTH SUB	1102	1440	0.0459
242	195	LEAGUE CITY MAIN SUBSTATION	1280	1042	0.0443
243	221	LEAGUE CITY MAIN SUBSTATION	1285	2103	0.0425
244	227	CLIFTON 1 4KV SUB	407	292	0.041
245	252	WEST SUB	1202	1010	0.0361
246	152	SAINT JO SUB	401	249	0.0321
247	4	CORYELL CO SUB	22155	635	0.0316
248	67	SOUTH BEND SUB	1300	158	0.0316
249	203	SOUTH SUB	1109	785	0.0279
250	189	BRYSON SUB	1230	461	0.024
251	72	WEST SUB	1203	775	0.0239
252	35	FREEWAY PARK SUBSTATION	1297	422	0.0213
253	48	CLIFTON 1 22KV SUB	22480	117	0.017
254	275	KERMIT NO. 2 SUB	4K07	393	0.0152
255	263	CLIFTON #2 SUB	4160	350	0.0143
256	224	MAGNOLIA SUBSTATION	1150	1161	0.0111
257	97	WEST SUB	1233	606	0.0099
258	255	KERMIT NO. 1 SUB	4K03	226	0.0088
259	225	KEYSTONE SUB	12K437	670	0.006
260	63	GRAHAM SUB	1245	174	0.0057
261	284	PECOS MAIN SUB	2P04	189	0.0053
262	283	PECOS MAIN SUB	2P03	379	0.0052
263	246	16TH STREET SUB	13F14	400	0.005
264	209	TRENTON SUB	4120	208	0.0048
265	79	WEST SUB	1234	1308	0.0015
266	259	BELDING SUB	12F164	12	0
267	211	CLEMENS DOME SUBSTATION	1175	12	0

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
268	264	CLIFTON 1 4KV SUB	405	118	0
269	181	DOWNTOWN 4.16 SUB	4F52	394	0
270	269	GATESVILLE 1 SUB	413	253	0
271	271	GATESVILLE 2 SUB	23065	40	0
272	272	GATESVILLE 2 SUB	426	257	0
273	184	GOMEZ SUB	25F05	18	0
274	273	KERMIT NO. 1 SUB	4K02	211	0
275	247	KERMIT NO. 2 SUB	4K06	142	0
276	285	PECOS MAIN SUB	2P05	19	0
277	95	RED RIVER SUB	2262	95	0
278	294	WHITNEY #2 SUB	22469	72	0
279	75	WHITNEY SUB	22469	72	0

12

# Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

With More Than 10 Customers

Total Number of Feeders

279

Add or Delete Rows as Necessary

## Texas-New Mexico Power

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
1	194	WINKLER CO. NO. 6 SUB	25K11	14	1230
2	11	WICKETT SUB	12K446	24	794.4167
3	196	HICO CITY SUB	395	588	395.7432
4	152	HICO CITY SUB	390	298	376.3255
5	28	VALLEY MILLS SUB	22575	669	300.9073
6	208	LAKEPOINTE SUB	2508	291	299.3918
7	221	CORYELL CO SUB	22160	69	291.913
8	128	WORSHAM FIELD SUB	13P98	240	263.1417
9	289	SANDERSON SUB	4S28	316	230.1741
10	295	WORSHAM FIELD SUB	13P97	57	227.2632
11	49	DICKINSON SUBSTATION	1267	1207	220.768
12	113	TEJAS SUBSTATION	1212	255	212.4745
13	125	OLD OCEAN SUBSTATION	1261	174	212.1782
14	36	W.D. FAULKNER SUB	12P259	128	204.8672
15	197	GLEN ROSE SUB	22300	1198	195.995
16	46	MERIDIAN SUB	23205	183	195.8087
17	14	DICKINSON SUBSTATION	1272	1455	194.2234
18	6	HAMILTON COUNTY SUB	2345	273	192.022
19	86	STAFFORD SUB	12P99	287	188
20	102	VALLEY MILLS SUB	22570	440	184.4523
21	19	CORYELL CO SUB	22365	660	184.3652
22	2	PYOTE SUB	25P217	48	183.6667
23	8	THURBER SUB	1490	810	180.3914
24	110	DOWNTOWN 12.5 SUB	12F114	794	168.2393
25	62	GLEN ROSE SUB	23875	1007	165.4608
26	43	HAMILTON COUNTY SUB	2340	203	164.266
27	239	WHITEWRIGHT SUB	12573	199	160.0302
28	66	MERIDIAN SUB	680	310	153.7065
29	148	PECOS MAIN SUB	12P03	370	153.0216

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
30	82	LAKEPOINTE SUB	2516	715	153.0196
31	201	NOCONA SUB	13374	717	148.2873
32	168	SOUTH SUB	1108	1639	146.3795
33	85	HANDLEY SUB	22825	475	143.3053
34	219	KRUGERVILLE SUB	2604	2111	143.0436
35	255	LAKEPOINTE SUB	2544	1876	141.3918
36	99	CLIMAX SUB	22110	1073	133.1258
37	105	LONGNECK SUB	23130	603	119.6783
38	291	SYCAMORE SUB	24100	41	119
39	23	LAKEPOINTE SUB	2536	103	113.9515
40	4	EMORY SUB (ONCOR)	1201	1406	113.6885
41	241	BLUE RIDGE SUB	22700	400	110.3975
42	25	ANGLETON SUBSTATION	1155	840	108.4929
43	N/A	MAGNOLIA SUBSTATION	1146	1548	106.9354
44	58	RED RIVER SUB	2229	422	106.2133
45	76	ALVIN SUB	1115	1910	105.0963
46	50	SWEENEY SUBSTATION	1264	1285	103.4996
47	127	RED RIVER SUB	2252	1559	97.145
48	169	CALIFORNIA SUB	12K86	37	96.8108
49	119	HANDLEY SUB	22820	46	96.3043
50	160	ANGLETON SUBSTATION	1154	1470	95.4816
51	75	FREEWAY PARK SUBSTATION	1298	1405	94.7004
52	176	PECOS MAIN SUB	2P06	211	94
53	150	PUCKETT SUB	25F14	38	93.6579
54	40	LAKEPOINTE SUB	2512	441	93.1224
55	27	DEPORT SUB (ONCOR)	22164	1785	92.3815
56	145	ANGLETON SUBSTATION	1153	2317	91.5969
57	44	LONGNECK SUB	23126	484	90.8264
58	230	TI SUB	1033	1911	83.9634
59	179	WALNUT SPRINGS SUB	1270	44	82.3636
60	240	LAKEPOINTE SUB	2540	749	81.8385
61	53	LONE STAR SUB	25P171	30	81.5
62	78	MERIDIAN SUB	23210	825	81.3588
63	18	HILL COUNTY SUB	23340	600	80.5583

14

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
64	192	JONES STREET SUB	1431	1474	79.5617
65	195	THURBER SUB	22890	404	77.3069
66	10	LONE STAR SUB	25P174	30	76.4
67	91	PECOS MAIN SUB	12P02	1167	75.6907
68	68	KEYSTONE SUB	12K434	26	75.2692
69	63	AIRPORT SUB	12F44	560	72.4339
70	118	PETROLIA SUB	12260	974	72.4189
71	217	LEONARD SUB	12678	304	72.2632
72	7	ALVIN SUB	1230	1569	71.427
73	48	WHITEWRIGHT SUB	13563	267	70.3745
74	141	LEONARD SUB	12682	256	67.8711
75	89	ANGLETON SUBSTATION	1244	1153	65.2602
76	35	WHITNEY SUB	22450	780	63.6487
77	164	JONES STREET SUB	1411	1977	59.7269
78	52	SOUTH SUB	1103	1115	55.8215
79	106	WHITEWRIGHT SUB	12574	751	54.7364
80	185	WHITNEY SUB	22460	644	52.9565
81	60	BRAZORIA SUBSTATION	1291	800	52.5238
82	116	DICKINSON SUBSTATION	1279	1779	51.6807
83	90	DICKINSON SUBSTATION	1277	1636	51.3142
84	122	WALNUT SPRINGS SUB	2210	583	50.8679
85	202	GLEN ROSE SUB	22285	219	50.4612
86	97	SWEENEY SUBSTATION	1129	742	49.3491
87	87	DICKINSON SUBSTATION	1266	651	48.3717
88	95	LAMARQUE SUBSTATION	1204	1590	48.1553
89	174	FLAT TOP SUB	26P03	61	46.5082
90	115	LAKE WHITNEY SUB	12355	932	45.8723
91	213	ALVIN SUB	1259	663	44.6667
92	54	DICKINSON SUBSTATION	1274	1504	44.3723
93	24	CLIMAX SUB	2270	467	43.0664
94	92	GLEN ROSE SUB	22305	841	42.5339
95	37	WALNUT SPRINGS SUB	2200	440	41.3
96	173	LEONARD SUB	14631	415	41.1687
97	42	FREEWAY PARK SUBSTATION	1103	1428	40.937



# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
98	22	16TH STREET SUB	12F71	1113	40.1159
99	270	GATESVILLE 1 SUB	419	253	37.1937
100	107	ALVIN SUB	1116	2050	36.4107
101	172	NOCONA SUB	12486	162	35.9938
102	84	CLIFTON 1 22KV SUB	22485	227	35.7048
103	96	ALVIN SUB	1257	2022	35.6993
104	166	ALVIN SUB	1117	1541	35.0344
105	31	HILL COUNTY SUB	22125	438	34.8721
106	248	BRYSON SUB	1233	154	33.8312
107	51	LEONARD SUB	14635	617	33.6272
108	123	FRIENDSWOOD SUBSTATION	1252	1583	33.2495
109	163	MAGNOLIA SUBSTATION	1145	920	33.1293
110	111	BRAZORIA SUBSTATION	1270	1007	33.0218
111	129	FRIENDSWOOD SUBSTATION	1108	1685	32.476
112	134	NORTHSIDE SUBSTATION	1292	1405	31.9907
113	114	LAMARQUE SUBSTATION	1205	1032	30.9797
114	16	OLD OCEAN SUBSTATION	1260	462	30.7987
115	184	LAMARQUE SUBSTATION	1110	378	30.7011
116	71	THURBER SUB	1447	625	29.9696
117	83	FREEWAY PARK SUBSTATION	1299	814	29.8145
118	154	FRIENDSWOOD SUBSTATION	1109	1394	29.5524
119	156	LAMARQUE SUBSTATION	1201	916	29.3974
120	120	ANGLETON SUBSTATION	1240	1370	27.5591
121	132	NORTHSIDE SUBSTATION	1228	1661	27.4094
122	69	CALIFORNIA SUB	12K87	54	27.037
123	94	REEVES CO. NO. 4 SUB	13P37	130	26.1923
124	144	FRIENDSWOOD SUBSTATION	1253	1730	25.8659
125	170	NOCONA SUB	13610	849	25.47
126	41	SWEENEY SUBSTATION	1263	546	25.4304
127	159	PUCKETT SUB	25F18	26	25.1538
128	180	TI SUB	1012	2210	25.0986
129	171	ALVIN SUB	1231	1857	24.7227
130	124	LEAGUE CITY MAIN SUBSTATION	1282	2115	24.6071
131	149	DOWNTOWN 12.5 SUB	12F130	1132	24.3595

# Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power				
2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	2005 SAIDI Value
132	15	ANGLETON SUBSTATION	1243	24.3094
133	237	HAMILTON CITY SUB	23820	24.186
134	245	HAMILTON CITY SUB	22785	23.6949
135	207	JONES STREET SUB	1412	22.9338
136	155	LAKE WHITNEY SUB	1230	22.0682
137	130	FRIENDSWOOD SUBSTATION	1251	21.6287
138	183	LONE OAK SUB	13384	21.4619
139	233	MAGNOLIA SUBSTATION	1148	20.3339
140	98	LAMARQUE SUBSTATION	1202	20.2656
141	131	LAMARQUE SUBSTATION	1203	20.1077
142	143	BRAZORIA SUBSTATION	1290	19.5988
143	30	OLNEY SUB	1690	19.3638
144	108	NORTHSIDE SUBSTATION	1295	19.3572
145	215	WEST COLUMBIA LOCAL SUBSTATION	1237	18.555
146	133	SWEENEY SUBSTATION	1128	18.5445
147	187	TEJAS SUBSTATION	1217	18.2761
148	103	LEAGUE CITY MAIN SUBSTATION	1283	18.1723
149	121	PECOS MAIN SUB	12P362	17.8301
150	117	WHITEWRIGHT SUB	12698	17.6464
151	38	OLNEY SUB	1695	17.5816
152	178	SOUTH SHORE SUBSTATION	1194	17.5417
153	39	OLNEY SUB	1685	17.324
154	203	HAMILTON CITY SUB	22780	17.0666
155	12	BELDING SUB	12F161	16.8298
156	181	CLIFTON 1 22KV SUB	22495	16.1934
157	61	HEIGHTS SUBSTATION	1132	15.8342
158	56	SOUTH SUB	1104	15.8248
159	13	HEIGHTS SUBSTATION	1134	15.7194
160	47	BRAZORIA SUBSTATION	1271	15.7027
161	235	COCHISE SUB	25P47	15.5217
162	165	WEST SUB	1235	15.2618
163	153	REEVES CO. NO. 4 SUB	12P28	15.1522
164	17	ANGLETON SUBSTATION	1241	14.8794
165	167	LEAGUE CITY MAIN SUBSTATION	1284	14.7928

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
166	59	JONES STREET SUB	1413	1175	14.7106
167	146	HEIGHTS SUBSTATION	1222	608	14.6431
168	N/A	SEMINOLE SUBSTATION	1403	1517	14.588
169	188	ALVIN SUB	1232	1135	13.9912
170	21	HAMILTON COUNTY SUB	24015	673	13.9762
171	199	GATESVILLE 2 SUB	22725	1025	13.9337
172	137	MAGNOLIA SUBSTATION	1144	1102	13.8249
173	34	VALLEY MILLS SUB	22565	434	13.6728
174	234	ANGLETON SUBSTATION	1242	552	13.375
175	73	STAFFORD SUB	12P83	486	13.0309
176	109	WEST COLUMBIA LOCAL SUBSTATION	1233	1101	12.5867
177	57	FREEWAY PARK SUBSTATION	1101	1494	12.5622
178	209	MAGNOLIA SUBSTATION	1149	2147	12.2524
179	104	NORTHSIDE SUBSTATION	1294	1078	11.987
180	112	IH 20 SUB	12P566	118	11.6695
181	231	WICKETT SUB	12K449	172	11.5698
182	214	GATESVILLE 2 SUB	429	375	11.544
183	165	WEST COLUMBIA LOCAL SUBSTATION	1235	876	11.4578
184	142	LEAGUE CITY MAIN SUBSTATION	1281	1559	10.8448
185	26	SYCAMORE SUB	24105	130	10.7077
186	157	ALVIN SUB	1254	1425	10.5382
187	224	WALNUT SPRINGS SUB	2215	107	10.3271
188	200	CLIFTON #2 SUB	4165	416	10.1923
189	140	WHITEWRIGHT SUB	12575	770	10.0636
190	191	TEJAS SUBSTATION	1214	527	9.9882
191	135	WEST COLUMBIA LOCAL SUBSTATION	1234	1052	9.6331
192	198	COCHISE SUB	25P48	233	9.0687
193	72	ANGLETON SUBSTATION	1245	718	8.7577
194	251	SANDERSON SUB	4S27	103	8.6796
195	93	NORTHSIDE SUBSTATION	1293	643	8.6796
196	206	LEAGUE CITY MAIN SUBSTATION	1280	1042	8.5739
197	242	KERMIT NO. 2 SUB	12K98	289	8.5433
198	64	NOCONA SUB	13370	869	8.1703
199	55	WHITNEY SUB	22455	746	7.7976

18

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
200	193	SOUTH SHORE SUBSTATION	1192	1745	7.659
201	186	KRUGERVILLE SUB	2608	1654	7.601
202	210	KERMIT NO. 2 SUB	12K48	502	7.4582
203	136	TEJAS SUBSTATION	1215	1657	7.4267
204	32	HEIGHTS SUBSTATION	1224	1281	7.4067
205	249	TI SUB	1032	3200	7.2475
206	205	PECOS MAIN SUB	12P01	98	7.2449
207	257	GATESVILLE 1 SUB	422	248	7.2177
208	189	WEST SUB	1221	1766	7.2135
209	204	SAINT JO SUB	408	275	6.9564
210	266	16TH STREET SUB	12F72	169	6.7692
211	223	AIRPORT SUB	12F725	1231	6.6182
212	246	SOUTH SHORE SUBSTATION	1195	546	6.5714
213	212	CLIFTON #2 SUB	23165	66	6.4848
214	232	TALCO WEST SUB	13909	26	6.3846
215	9	FLAT TOP SUB	26P01	105	6.2857
216	162	GLEN ROSE SUB	22295	705	6.2709
217	247	WEST SUB	1202	1010	6.2505
218	81	FREEWAY PARK SUBSTATION	1102	841	6.1605
219	65	WEST SUB	1223	2409	6.1137
220	147	SOUTH SUB	1107	1410	6.0376
221	3	PYOTE SUB	25P312	128	5.9375
222	222	MERIDIAN SUB	690	271	5.9225
223	126	WEST SUB	1222	1401	5.6595
224	229	WEST SUB	1201	713	5.6592
225	100	STAFFORD SUB	12P50	289	5.3979
226	101	STAFFORD SUB	12P82	317	5.2744
227	5	FLAT TOP SUB	26P02	30	4.7
228	290	SOUTH SHORE SUBSTATION	1191	1428	4.2843
229	253	HAMILTON CITY SUB	23825	154	4.2532
230	227	GRAHAM SUB	12605	140	4.25
231	211	LEAGUE CITY MAIN SUBSTATION	1285	2103	4.2463
232	33	CORVELL CO SUB	22155	635	4.0063
233	70	LONE OAK SUB	13388	60	4

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
234	20	FREEWAY PARK SUBSTATION	1297	422	3.7915
235	88	WEST SUB	1203	775	3.5084
236	256	KERMIT NO. 1 SUB	4K04	393	3.4987
237	77	SOUTH BEND SUB	1300	158	3.4177
238	29	SOUTH SUB	1102	1440	3.3667
239	259	CLIFTON 1 4KV SUB	490	42	3.2143
240	177	BRYSON SUB	1230	461	3.0911
241	158	SOUTH SHORE SUBSTATION	1190	2263	3.0778
242	220	AIRPORT SUB	12F271	97	3.0206
243	274	KERMIT NO. 1 SUB	4K05	143	2.6364
244	161	NOCONA SUB	12490	298	2.5436
245	268	FRONTIER SUB	4236	281	2.2776
246	175	SAINT JO SUB	401	249	2.0241
247	225	SANDERSON SUB	4S26	234	1.8803
248	1	GOMEZ SUB	25F61	18	1.6667
249	151	STAFFORD SUB	13P50	88	1.5909
250	243	CLIFTON #2 SUB	24370	212	1.5519
251	218	SOUTH SUB	1109	785	1.5287
252	238	CLIFTON 1 4KV SUB	407	292	1.2432
253	67	CLIFTON 1 22KV SUB	22480	117	0.9487
254	275	KERMIT NO. 2 SUB	4K07	393	0.6997
255	284	PECOS MAIN SUB	2P04	189	0.6455
256	261	CLIFTON #2 SUB	4160	350	0.6057
257	226	MAGNOLIA SUBSTATION	1150	1161	0.6055
258	45	GRAHAM SUB	1245	174	0.431
259	283	PECOS MAIN SUB	2P03	379	0.4248
260	244	16TH STREET SUB	13F14	400	0.415
261	254	WEST SUB	1233	606	0.2673
262	236	KEYSTONE SUB	12K437	670	0.1493
263	252	KERMIT NO. 1 SUB	4K03	226	0.1327
264	216	TRENTON SUB	4120	208	0.1058
265	138	WEST SUB	1234	1308	0.0459
266	265	BELDING SUB	12F164	12	0
267	228	CLEMENS DOME SUBSTATION	1175	12	0

20

# Service Quality Report to the Public Utility Commission of Texas

## Texas-New Mexico Power

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
268	260	CLIFTON 1 4KV SUB	405	118	0
269	190	DOWNTOWN 4.16 SUB	4F52	394	0
270	269	GATESVILLE 1 SUB	413	253	0
271	271	GATESVILLE 2 SUB	23065	40	0
272	272	GATESVILLE 2 SUB	426	257	0
273	182	GOMEZ SUB	25F05	18	0
274	273	KERMIT NO. 1 SUB	4K02	211	0
275	250	KERMIT NO. 2 SUB	4K06	142	0
276	285	PECOS MAIN SUB	2P05	19	0
277	74	RED RIVER SUB	2262	95	0
278	294	WHITNEY #2 SUB	22469	72	0
279	80	WHITNEY SUB	22469	72	0

21

Service Quality Report to the Public Utility Commission of Texas

**Texas-New Mexico Power**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2005 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	34.95%
Vegetation	12.78%
Animals and Birds	23.37%
People (Including cars and farm equip)	4.09%
Utility-owned Equipment	14.12%
Other	8.10%
Unknown	2.55%