



Control Number: 29165



Item Number: 4

Addendum StartPage: 0

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TEXAS-NEW MEXICO POWER §
COMPANY'S SERVICE QUALITY §
REPORT TO THE PUBLIC UTILITY §
COMMISSION OF TEXAS IN §
ACCORDANCE WITH SUBST. RULE §
§25.81 §

PUBLIC UTILITY COMMISSION
OF TEXAS
PUBLIC UTILITY COMMISSION
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§25.52. -- Reliability and Continuity of Service.

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

Application. This section applies to all electric utilities as defined by the Public Utility Regulatory Act (PURA) §31.002(6) and all transmission and distribution utilities as defined by PURA §31.002(19). The term "utility" as used in this section shall mean an electric utility and a transmission and distribution utility.

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
TEXAS - NEW MEXICO POWER COMPANY

Feeders: Type Total Number of Distribution Feeders in the Cell Below
289

Due: February 14, 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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Electric Division
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Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2003 Reporting Year

TEXAS - NEW MEXICO POWER COMPANY

Project 29165

Service Quality Report to the Public Utility Commission of Texas

TEXAS - NEW MEXICO POWER COMPANY

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2003	.6259	0.0270	0.0292	0.0332	0.0520	0.0417	0.0971	0.0604	0.0812	0.0797	0.0313	0.0511	0.0420
Scheduled													
2003	0.0121	0.0027	0.0005	0	0.0001	0.0003	0.0002	0.0003	0	0.0002	0.0001	0.0077	0
Outside Causes													
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
Major Events													
2003	0.0035	0	0	0	0	0	0	0	0.0035	0	0	0	0

Service Quality Report to the Public Utility Commission of Texas

TEXAS - NEW MEXICO POWER COMPANY

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2003	45.98	1.8343	1.7827	2.1425	3.1356	4.8764	7.8697	5.7055	5.8979	3.2708	2.1802	3.7216	3.564
Scheduled													
2003	.7661	.1106	.0229	.0091	.025	.0317	.0112	.0099	.0013	.021	.0067	.5049	.0118
Outside Causes													
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
Major Events													
2003	.2401	0	0	0	0	0	0	0	.2401	0	0	0	0

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

With More Than 10 Customers

Add or Delete Rows as Necessary

TEXAS - NEW MEXICO POWER COMPANY

Total Number of Feeders
289

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
1	202	JONES STREET SUB	1413	1163	3.2296
2	37	KEYSTONE SUB	12K434	26	3.1923
3	77	DICKINSON SUBSTATION	1274	1453	3.0806
4	18	CALIFORNIA SUB	12K86	37	3.0270
5	6	PYOTE SUB	25P217	48	2.8956
6	65	HANDLEY SUB	22825	454	2.8566
7	71	DOWNTOWN 12.5 SUB	12F130	1132	2.7599
8	80	DICKINSON SUBSTATION	1277	1581	2.6034
9	100	CLIMAX SUB	2270	457	2.5624
10	150	NORTHSIDE SUBSTATION	1294	1075	2.1843
11	240	WALNUT SPRINGS SUB	2200	424	2.1748
12	7	SWEENEY SUBSTATION	1128	914	2.1677
13	272	VALLEY MILLS SUB	22570	416	2.1346
14	48	REEVES CO. NO. 4 SUB	12P28	92	2.1195
15	3	LAKEPOINTE SUB	2508	278	2.1152
16	66	PYOTE SUB	25P312	128	2.1016
17	172	FLAT TOP SUB	26P01	105	2.0761
18	219	WHITNEY SUB	22455	709	2.0632
19	256	HANDLEY SUB	22820	38	2.0526
20	183	GRAHAM SUB	12605	155	2.0130
21	87	BRYSON SUB	1230	440	2.0068
22	15	GRAHAM SUB	1245	164	2.0000
23	121	NOCONA SUB	12486	185	1.9585
24	26	GOMEZ SUB	25F61	18	1.9444
25	55	ALVIN SUB	1259	638	1.9235
26	106	WICKETT SUB	12K446	24	1.9167
27	162	MAGNOLIA SUBSTATION	1145	1934	1.8662
28	68	BELDING SUB	12F164	12	1.7500
29	229	RED RIVER SUB	2229	416	1.5192

30	19	GOMEZ SUB	25F05	18	1.5000
31	128	PETROLIA SUB	12260	929	1.4930
32	142	ALVIN SUB	1115	1825	1.4903
33	151	LAMARQUE SUBSTATION	1205	1031	1.4541
34	64	THURBER SUB	1447	606	1.4309
35	157	FRIENDSWOOD SUBSTATION	1251	1686	1.4091
36	8	CLIMAX SUB	22110	1043	1.4019
37	44	WEST COLUMBIA LOCAL SUBSTATION	1235	729	1.3608
38	122	NORTHSIDE SUBSTATION	1295	1531	1.3519
39	108	DICKINSON SUBSTATION	1279	1744	1.3372
40	12	LONE STAR SUB	25P171	30	1.2999
41	153	FREEWAY PARK SUBSTATION	1103	1421	1.2959
42	114	KRUGERVILLE SUB	2608	1558	1.2843
43	160	NORTHSIDE SUBSTATION	1292	1391	1.2834
44	215	SOUTH SUB	1107	1393	1.2675
45	41	JONES STREET SUB	1412	427	1.2481
46	69	LONE OAK SUB	13384	384	1.2345
47	154	FLAT TOP SUB	26P02	30	1.2333
48	216	HILL COUNTY SUB	22125	391	1.1919
49	50	NORTHSIDE SUBSTATION	1293	641	1.1780
50	144	WEST SUB	1235	1298	1.1747
51	262	MERIDIAN SUB	690	270	1.1741
52	51	FRIENDSWOOD SUBSTATION	1252	1478	1.1612
53	165	ANGLETON SUBSTATION	1245	544	1.1541
54	159	LEAGUE CITY MAIN SUBSTATION	1284	1351	1.1485
55	147	HEIGHTS SUBSTATION	1222	598	1.1473
56	178	SOUTH SUB	1102	1416	1.1432
57	61	KERMIT NO. 2 SUB	12K48	502	1.1295
58	101	OLD OCEAN SUBSTATION	1261	172	1.1161
59	210	KERMIT NO. 2 SUB	12K98	289	1.1108
60	24	LEONARD SUB	12678	277	1.0903
61	234	HAMILTON CITY SUB	22780	806	1.0867
62	241	CLIFTON 1 22KV SUB	22495	327	1.0551
63	57	OLNEY SUB	1690	528	1.0550
64	180	SAINT JO SUB	401	221	1.0520
65	43	TEJAS SUBSTATION	1217	705	1.0496
66	201	WEST SUB	1223	2394	1.0426

67	223	HILL COUNTY SUB	23340	554	1.0342
68	20	LAKEPOINTE SUB	2516	680	1.0265
69	185	MERIDIAN SUB	680	308	1.0259
70	67	LAKEPOINTE SUB	2512	419	1.0214
71	116	FREEWAY PARK SUBSTATION	1298	1264	1.0172
72	163	SOUTH BEND SUB	1300	157	1.0064
73	244	LAKEPOINTE SUB	2544	1372	1.0007
74	84	COCHISE SUB	25P47	23	1.0000
75	13	GLEN ROSE SUB	22300	1152	0.9933
76	135	VALLEY MILLS SUB	22575	627	0.9826
77	189	WALNUT SPRINGS SUB	1270	43	0.9535
78	75	16TH STREET SUB	12F71	1113	0.9220
79	200	TI SUB	1033	1811	0.8560
80	11	DICKINSON SUBSTATION	1272	1422	0.8304
81	164	FRIENDSWOOD SUBSTATION	1253	1442	0.8240
82	60	ANGLETON SUBSTATION	1155	760	0.8017
83	137	LEONARD SUB	12682	234	0.7863
84	170	NOCONA SUB	12490	339	0.7824
85	53	ANGLETON SUBSTATION	1240	1487	0.7483
86	88	NOCONA SUB	13370	795	0.7437
87	103	GLEN ROSE SUB	22295	687	0.7342
88	89	REEVES CO. NO. 4 SUB	13P37	130	0.6462
89	40	RED RIVER SUB	2252	1560	0.6313
90	125	SOUTH SUB	1103	1084	0.6207
91	105	WEST COLUMBIA LOCAL SUBSTATION	1233	839	0.6095
92	97	BRAZORIA SUBSTATION	1271	1431	0.5978
93	141	BRAZORIA SUBSTATION	1291	608	0.5970
94	112	LEAGUE CITY MAIN SUBSTATION	1281	670	0.5901
95	14	ANGLETON SUBSTATION	1241	1522	0.5713
96	28	OLD OCEAN SUBSTATION	1260	464	0.5569
97	1	DEPORT SUB (ONCOR)	22164	1807	0.5511
98	175	SAINT JO SUB	408	431	0.5418
99	39	NOCONA SUB	13610	724	0.5281
100	31	ANGLETON SUBSTATION	1244	1081	0.5256
101	76	WALNUT SPRINGS SUB	2210	564	0.5146
102	59	WINKLER CO. NO. 6 SUB	25K11	14	0.5000
103	10	BELDING SUB	12F161	47	0.4681

104	34	SWEENEY SUBSTATION	1263	560	0.4681
105	117	LEAGUE CITY MAIN SUBSTATION	1282	1982	0.4624
106	58	PUCKETT SUB	25F18	26	0.4616
107	130	FRIENDSWOOD SUBSTATION	1107	1250	0.4504
108	83	BRAZORIA SUBSTATION	1270	959	0.4278
109	123	LAMARQUE SUBSTATION	1201	914	0.4271
110	111	ALVIN SUB	1117	1416	0.4227
111	156	FREEWAY PARK SUBSTATION	1101	1480	0.4183
112	138	SWEENEY SUBSTATION	1264	1213	0.4130
113	217	WORSHAM FIELD SUB	13P98	240	0.4126
114	118	BLUE RIDGE SUB	22700	387	0.4109
115	110	ALVIN SUB	1257	1819	0.4025
116	191	LAKE WHITNEY SUB	1230	538	0.4019
117	25	THURBER SUB	1490	797	0.4006
118	27	LAMARQUE SUBSTATION	1202	1085	0.3995
119	17	GLEN ROSE SUB	22305	796	0.3832
120	109	LAMARQUE SUBSTATION	1204	1542	0.3822
121	82	GLEN ROSE SUB	22285	215	0.3769
122	29	TEJAS SUBSTATION	1212	347	0.3718
123	238	TRENTON SUB	4120	193	0.3419
124	146	LAMARQUE SUBSTATION	1110	375	0.3414
125	49	SYCAMORE SUB	24105	126	0.3412
126	120	SWEENEY SUBSTATION	1129	653	0.3367
127	30	DICKINSON SUBSTATION	1267	1023	0.3364
128	119	ANGLETON SUBSTATION	1243	1246	0.3336
129	47	FRIENDSWOOD SUBSTATION	1109	1346	0.3222
130	49	NOCONA SUB	13374	702	0.3202
131	78	OLNEY SUB	1685	506	0.3202
132	218	EMORY SUB (ONCOR)	1201	1354	0.3111
133	127	FRIENDSWOOD SUBSTATION	1108	1644	0.3088
134	92	MERIDIAN SUB	23210	792	0.3013
135	209	PECOS MAIN SUB	12P362	712	0.2823
136	9	WHITEWRIGHT SUB	12574	665	0.2797
137	124	WEST COLUMBIA LOCAL SUBSTATION	1237	830	0.2792
138	85	ALVIN SUB	1254	1338	0.2784
139	91	DICKINSON SUBSTATION	1266	628	0.2741
140	113	LAMARQUE SUBSTATION	1203	452	0.2719

141	115	ALVIN SUB	1232	1035	0.2686
142	174	LONE STAR SUB	25P174	30	0.2667
143	52	WHITEWRIGHT SUB	13563	254	0.2639
144	134	LEAGUE CITY MAIN SUBSTATION	1283	1402	0.2252
145	140	ALVIN SUB	1231	1791	0.2209
146	246	CLIFTON #2 SUB	24370	205	0.2197
147	136	ALVIN SUB	1116	1964	0.2138
148	199	SOUTH SUB	1109	751	0.2130
149	79	ALVIN SUB	1230	1473	0.2007
150	176	MAGNOLIA SUBSTATION	1149	1562	0.2007
151	126	FREEWAY PARK SUBSTATION	1299	813	0.1944
152	167	MAGNOLIA SUBSTATION	1144	1825	0.1928
153	158	WHITEWRIGHT SUB	12698	1058	0.1787
154	205	WHITNEY SUB	22450	746	0.1752
155	98	NORTHSIDE SUBSTATION	1228	1629	0.1722
156	190	W.D. FAULKNER SUB	12P259	128	0.1719
157	56	LEONARD SUB	14631	396	0.1718
158	232	WEST SUB	1222	1101	0.1707
159	218	DOWNTOWN 4.16 SUB	4F52	394	0.1700
160	188	CLIFTON 1 22KV SUB	22485	224	0.1698
161	132	DOWNTOWN 12.5 SUB	12F114	794	0.1687
162	145	WEST COLUMBIA LOCAL SUBSTATION	1234	996	0.1665
163	36	FLAT TOP SUB	26P03	61	0.1640
164	177	CORYELL CO SUB	22365	625	0.1552
165	181	JONES STREET SUB	1411	1769	0.1541
166	169	GLEN ROSE SUB	23875	958	0.1514
167	22	JONES STREET SUB	1431	1325	0.1509
168	193	STAFFORD SUB	12P99	287	0.1498
169	149	HEIGHTS SUBSTATION	1134	925	0.1478
170	148	HAMILTON COUNTY SUB	2340	199	0.1456
171	45	TEJAS SUBSTATION	1214	526	0.1406
172	143	HEIGHTS SUBSTATION	1224	1277	0.1378
173	23	WHITEWRIGHT SUB	12575	752	0.1342
174	192	WICKETT SUB	12K449	172	0.1279
175	204	WEST SUB	1234	1098	0.1248
176	133	LEONARD SUB	14635	588	0.1207
177	33	TEJAS SUBSTATION	1215	1660	0.1185

178	168	WEST SUB	1201	698	0.1174
179	212	FREEWAY PARK SUBSTATION	1297	410	0.1171
180	2	AIRPORT SUB	12F271	97	0.1134
181	107	CALIFORNIA SUB	12K87	54	0.1111
182	46	ANGLETON SUBSTATION	1154	1000	0.1090
183	235	SANDERSON SUB	4S27	103	0.1068
184	90	ANGLETON SUBSTATION	1153	2298	0.1054
185	257	KERMIT NO. 1 SUB	4K02	211	0.1043
186	197	ANGLETON SUBSTATION	1242	1000	0.1040
187	237	SOUTH SUB	1104	3256	0.1034
188	174	LEAGUE CITY MAIN SUBSTATION	1285	1812	0.1032
189	73	KRUGERVILLE SUB	2604	1996	0.1028
190	131	BRAZORIA SUBSTATION	1290	929	0.0994
191	231	HAMILTON CITY SUB	22785	265	0.0981
192	203	KERMIT NO. 1 SUB	4K04	393	0.0968
193	247	CLIFTON #2 SUB	4160	346	0.0925
194	206	LAKE WHITNEY SUB	12355	915	0.0921
195	38	LONGNECK SUB	23126	471	0.0913
196	93	AIRPORT SUB	12F44	530	0.0887
197	255	GATESVILLE 2 SUB	429	373	0.0884
198	236	IH 20 SUB	12P566	118	0.0847
199	238	TI SUB	1032	3074	0.0827
200	173	FREEWAY PARK SUBSTATION	1102	461	0.0782
201	233	WALNUT SPRINGS SUB	2215	103	0.0776
202	129	MAGNOLIA SUBSTATION	1150	612	0.0703
203	187	SOUTH SHORE SUBSTATION	1190	2200	0.0701
204	152	WEST SUB	1202	980	0.0694
205	139	HEIGHTS SUBSTATION	1132	933	0.0684
206	96	TI SUB	1012	2110	0.0672
207	271	VALLEY MILLS SUB	22565	425	0.0612
208	161	16TH STREET SUB	12F72	282	0.0603
209	196	WEST SUB	1203	749	0.0574
210	184	HAMILTON CITY SUB	23820	368	0.0544
211	221	SOUTH SHORE SUBSTATION	1195	1745	0.0469
212	195	PECOS MAIN SUB	12P02	1167	0.0456
213	186	SOUTH SHORE SUBSTATION	1192	1584	0.0454
214	99	CLIFTON #2 SUB	23165	55	0.0364

252	N/A	BOGATA SUB	412	110	0.0000
253	N/A	BOGATA SUB	416	221	0.0000
254	N/A	BOGATA SUB	464	191	0.0000
255	245	CLEMENS DOME SUBSTATION	1175	12	0.0000
256	177	CORYELL CO SUB	22155	626	0.0000
257	N/A	DETROIT SUB	474	67	0.0000
258	N/A	DETROIT SUB	479	152	0.0000
259	254	GATESVILLE 2 SUB	426	256	0.0000
260	102	HAMILTON CITY SUB	23825	150	0.0000
261	182	KERMIT NO. 1 SUB	4K05	143	0.0000
262	259	KERMIT NO. 2 SUB	4K06	142	0.0000
263	260	KERMIT NO. 2 SUB	4K07	393	0.0000
264	16	LONGNECK SUB	23130	452	0.0000
265	N/A	MINTER SUB	12312	150	0.0000
266	N/A	MOBIL SUB	13932	23	0.0000
267	N/A	MOBIL SUB	12108	37	0.0000
267	N/A	OLNEY SWITCH STATION	1201	1354	0.0000
268	N/A	OLNEY SWITCH STATION	1202	470	0.0000
269	N/A	OLNEY SWITCH STATION	1211	36	0.0000
270	N/A	OLNEY SWITCH STATION	1218	108	0.0000
271	263	PECOS MAIN SUB	12P01	98	0.0000
272	265	PECOS MAIN SUB	2P04	189	0.0000
273	266	PECOS MAIN SUB	2P05	19	0.0000
274	220	PECOS MAIN SUB	2P06	211	0.0000
275	267	PETROLIA STEP-UP SUB	22495	184	0.0000
276	N/A	PILOT POINT SUB	2608PP	792	0.0000
277	N/A	PRINCETON SUB	12717	567	0.0000
278	86	PUCKETT SUB	25F14	38	0.0000
279	269	SANDERSON SUB	4S28	316	0.0000
280	95	STAFFORD SUB	12P50	289	0.0000
281	270	STAFFORD SUB	13P50	88	0.0000
283	81	SYCAMORE SUB	24100	41	0.0000
284	N/A	TALCO CITY SUB	13399	182	0.0000
285	N/A	TALCO CITY SUB	13403	233	0.0000
286	32	TALCO WEST SUB	13909	26	0.0000
287	35	WHITEWRIGHT SUB	12573	182	0.0000
288	273	WHITNEY #2 SUB	22469	72	0.0000

289	70
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WORSHAM FIELD SUB

| 13P97 |

57|

0.0000|

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

With More Than 10 Customers

Add or Delete Rows as Necessary

TEXAS - NEW MEXICO POWER COMPANY

Total Number of Feeders

289

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
1	30	THURBER SUB	1447	606	594.3036
2	3	GOMEZ SUB	25F05	18	542.0000
3	74	PYOTE SUB	25P312	128	522.7734
4	185	JONES STREET SUB	1413	1163	419.4979
5	128	SOUTH BEND SUB	1300	157	270.7643
6	224	WHITNEY SUB	22455	709	267.2017
7	26	GRAHAM SUB	1245	164	240.0000
8	41	DICKINSON SUBSTATION	1274	1453	227.9143
9	31	PYOTE SUB	25P217	48	224.7292
10	175	FLAT TOP SUB	26P01	105	220.5714
11	34	CALIFORNIA SUB	12K86	37	206.8108
12	201	HILL COUNTY SUB	22125	391	190.9309
13	59	LONE STAR SUB	25P171	30	190.2000
14	102	DICKINSON SUBSTATION	1279	1744	183.7942
15	19	GOMEZ SUB	25F61	18	181.8889
16	155	ALVIN SUB	1115	1825	178.6477
17	84	HANDLEY SUB	22825	454	172.6652
18	201	HILL COUNTY SUB	23340	554	161.0993
19	177	GRAHAM SUB	12605	155	151.0645
20	127	NORTHSIDE SUBSTATION	1294	1075	146.2567
21	67	NORTHSIDE SUBSTATION	1295	1531	145.6336
22	235	WALNUT SPRINGS SUB	2200	424	140.9127
23	92	KRUGERVILLE SUB	2608	1558	139.5918
24	60	DICKINSON SUBSTATION	1277	1581	137.6293
25	104	CLIMAX SUB	2270	457	134.1794
26	121	WEST SUB	1235	1298	129.8767
27	70	CLIMAX SUB	22110	1043	122.0173
28	262	HANDLEY SUB	22820	38	120.5789
29	6	LAKEPOINTE SUB	2508	278	113.6619

30	141	FREEWAY PARK SUBSTATION	1101	1480	113.0682
31	212	SOUTH SUB	1107	1393	112.5305
32	77	WEST COLUMBIA LOCAL SUBSTATION	1235	729	111.5364
33	63	BRYSON SUB	1230	440	105.3068
34	98	LAMARQUE SUBSTATION	1201	914	103.6160
35	36	KEYSTONE SUB	12K434	26	100.8462
36	4	COCHISE SUB	25P47	23	100.2174
37	83	LONE OAK SUB	13384	384	99.6016
38	86	OLD OCEAN SUBSTATION	1261	172	99.2674
39	16	THURBER SUB	1490	797	95.0740
40	54	JONES STREET SUB	1412	427	93.5269
41	39	OLNEY SUB	1690	528	91.9034
42	133	LAMARQUE SUBSTATION	1205	1031	91.8720
43	169	ANGLETON SUBSTATION	1245	544	90.0993
44	150	MAGNOLIA SUBSTATION	1145	1934	89.6396
45	25	NORTHSIDE SUBSTATION	1293	641	86.7317
46	87	DOWNTOWN 12.5 SUB	12F130	1132	86.1687
47	15	SWEENEY SUBSTATION	1128	914	83.9956
48	2	REEVES CO. NO. 4 SUB	12P28	92	79.3804
49	57	WHITEWRIGHT SUB	13563	254	78.5236
50	190	WEST SUB	1223	2394	77.4248
51	247	MERIDIAN SUB	690	270	77.2222
52	18	DICKINSON SUBSTATION	1272	1422	75.7588
53	73	ALVIN SUB	1259	638	74.6379
54	138	MERIDIAN SUB	680	308	72.8312
55	187	T1 SUB	1033	1811	72.4042
56	272	VALLEY MILLS SUB	22570	416	71.8534
57	236	HAMILTON CITY SUB	22780	806	70.8002
58	148	LEONARD SUB	12682	234	70.7692
59	154	LEAGUE CITY MAIN SUBSTATION	1284	1351	69.2798
60	164	SAINT JO SUB	408	431	67.1763
61	242	LAKEPOINTE SUB	2544	1372	67.0780
62	172	FLAT TOP SUB	26P02	30	66.6667
63	198	SAINT JO SUB	401	221	66.5204
64	243	CLIFTON 1 22KV SUB	22495	327	63.2966
65	90	16TH STREET SUB	12F71	1113	61.7637
66	101	PETROLIA SUB	12260	929	60.3186

67	56	LAMARQUE SUBSTATION	1204	1542	59.0704
68	91	FREEWAY PARK SUBSTATION	1298	1264	58.4193
69	167	FRIENDSWOOD SUBSTATION	1251	1686	58.2515
70	130	WICKETT SUB	12K446	24	58.2500
71	65	LEONARD SUB	12678	277	57.7978
72	28	LAKEPOINTE SUB	2516	680	57.5500
73	220	NORTHSIDE SUBSTATION	1292	1391	57.3314
74	109	NOCONA SUB	12486	185	56.8649
75	22	TEJAS SUBSTATION	1217	705	53.0780
76	68	VALLEY MILLS SUB	22575	627	52.1563
77	20	BELDING SUB	12F161	47	51.7660
78	69	ANGLETON SUBSTATION	1155	760	51.6316
79	137	HEIGHTS SUBSTATION	1222	598	51.3378
80	113	LAKEPOINTE SUB	2512	419	51.0119
81	45	LAMARQUE SUBSTATION	1202	1085	50.4664
82	158	FREEWAY PARK SUBSTATION	1103	1421	49.2273
83	14	DEPORT SUB (ONCOR)	22164	1807	48.7631
84	61	ANGLETON SUBSTATION	1241	1522	48.7214
85	111	FREEWAY PARK SUBSTATION	1299	813	48.7191
86	49	GLEN ROSE SUB	22300	1152	48.5894
87	53	OLD OCEAN SUBSTATION	1260	464	48.4483
88	13	DICKINSON SUBSTATION	1267	1023	47.7840
89	131	ALVIN SUB	1231	1791	47.5271
90	33	WALNUT SPRINGS SUB	2210	564	47.1082
91	157	WALNUT SPRINGS SUB	1270	43	46.7209
92	55	ANGLETON SUBSTATION	1240	1487	43.7276
93	225	WEST SUB	1222	1101	43.0118
94	26	GLEN ROSE SUB	22295	687	42.2838
95	108	NOCONA SUB	13610	724	42.2293
96	82	SOUTH SUB	1103	1084	40.6439
97	151	FRIENDSWOOD SUBSTATION	1107	1250	40.3368
98	89	BRAZORIA SUBSTATION	1271	1431	38.5590
99	9	REEVES CO. NO. 4 SUB	13P37	130	38.2462
100	179	NOCONA SUB	12490	339	37.6195
101	117	LEAGUE CITY MAIN SUBSTATION	1282	1982	37.2800
102	107	BLUE RIDGE SUB	22700	387	37.2584
103	123	BRAZORIA SUBSTATION	1291	608	37.0576

104	197	RED RIVER SUB	2229	416	36.4591
105	21	ANGLETON SUBSTATION	1244	1081	36.3654
106	47	NOCONA SUB	13370	795	35.8226
107	93	BELDING SUB	12F164	12	34.9167
108	176	FRIENDSWOOD SUBSTATION	1253	1442	33.8870
109	5	TEJAS SUBSTATION	1212	347	33.8617
110	207	LAKE WHITNEY SUB	1230	538	33.6431
111	103	ALVIN SUB	1257	1819	33.5168
112	194	LONE STAR SUB	25P174	30	33.5000
113	99	LEAGUE CITY MAIN SUBSTATION	1281	670	33.4373
114	8	WHITEWRIGHT SUB	12574	665	33.3609
115	64	LAMARQUE SUBSTATION	1203	452	32.6637
116	11	PUCKETT SUB	25F18	26	31.9615
117	153	SWEENEY SUBSTATION	1264	1213	30.5886
118	120	ALVIN SUB	1232	1035	30.3932
119	230	TRENTON SUB	4120	193	29.9223
120	161	SOUTH SUB	1102	1416	29.8072
121	144	LAMARQUE SUBSTATION	1110	375	29.7653
122	122	WEST COLUMBIA LOCAL SUBSTATION	1233	839	29.5614
123	217	WORSHAM FIELD SUB	13P98	240	27.2417
124	100	FRIENDSWOOD SUBSTATION	1252	1478	26.0886
125	51	RED RIVER SUB	2252	1560	25.1513
126	17	EMORY SUB (ONCOR)	1201	1354	24.9269
127	95	DICKINSON SUBSTATION	1266	628	24.5812
128	136	SWEENEY SUBSTATION	1129	653	24.4900
129	115	ANGLETON SUBSTATION	1243	1246	24.2560
130	223	KERMIT NO. 2 SUB	12K98	289	24.2388
131	75	WINKLER CO. NO. 6 SUB	25K11	14	23.5714
132	52	FRIENDSWOOD SUBSTATION	1109	1346	22.0832
133	126	FRIENDSWOOD SUBSTATION	1108	1644	21.8856
134	78	SWEENEY SUBSTATION	1263	560	21.0143
135	12	TEJAS SUBSTATION	1215	1660	20.3331
136	24	GLEN ROSE SUB	22305	796	20.1784
137	195	MAGNOLIA SUBSTATION	1149	1562	19.8969
138	170	LEONARD SUB	14635	588	19.4745
139	88	BRAZORIA SUBSTATION	1270	959	19.3879
140	110	ALVIN SUB	1117	1416	19.2994

141	149	MAGNOLIA SUBSTATION	1144	1825	19.1304
142	37	OLNEY SUB	1685	506	18.9723
143	66	MERIDIAN SUB	23210	792	18.7639
144	186	SOUTH SUB	1109	751	18.7483
145	106	NORTHSIDE SUBSTATION	1228	1629	17.6630
146	139	HEIGHTS SUBSTATION	1134	925	17.3330
147	183	FREEWAY PARK SUBSTATION	1297	410	16.9634
148	44	GLEN ROSE SUB	22285	215	16.6698
149	124	WEST COLUMBIA LOCAL SUBSTATION	1237	830	16.3398
150	58	NOCONA SUB	13374	702	16.1339
151	189	CLIFTON 1 22KV SUB	22485	224	14.9821
152	135	LEONARD SUB	14631	396	14.8990
153	143	LEAGUE CITY MAIN SUBSTATION	1283	1402	14.4001
154	129	HAMILTON COUNTY SUB	2340	199	14.1809
155	125	ALVIN SUB	1254	1338	14.0000
156	163	WHITEWRIGHT SUB	12698	1058	13.9480
157	76	KERMIT NO. 2 SUB	12K48	502	13.8327
158	94	SYCAMORE SUB	24105	126	13.5873
159	218	SOUTH SUB	1104	3256	12.9963
160	118	ALVIN SUB	1230	1473	12.9185
161	147	WEST COLUMBIA LOCAL SUBSTATION	1234	996	12.8474
162	42	TEJAS SUBSTATION	1214	526	12.6730
163	165	JONES STREET SUB	1411	1769	12.3380
164	146	ALVIN SUB	1116	1964	12.1874
165	215	DOWNTOWN 4.16 SUB	4F52	394	12.1244
166	199	WHITNEY SUB	22450	746	11.6381
167	237	IH 20 SUB	12P566	118	11.3898
168	193	W.D. FAULKNER SUB	12P259	128	9.9922
169	178	WEST SUB	1203	749	9.9706
170	43	LONGNECK SUB	23126	471	9.4268
171	119	HEIGHTS SUBSTATION	1224	1277	9.3328
172	231	TI SUB	1032	3074	9.2820
173	48	AIRPORT SUB	12F271	97	8.7423
174	96	JONES STREET SUB	1431	1325	8.5955
175	171	LEAGUE CITY MAIN SUBSTATION	1285	1812	8.5155
176	35	ANGLETON SUBSTATION	1154	1000	8.0110
177	219	LAKE WHITNEY SUB	12355	915	7.9705

178	192	ANGLETON SUBSTATION	1242	1000	7.5810
179	266	CLIFTON #2 SUB	24370	205	7.4683
180	142	HEIGHTS SUBSTATION	1132	933	7.4105
181	239	HAMILTON CITY SUB	22785	265	7.2981
182	1	FLAT TOP SUB	26P03	61	7.2951
183	72	KRUGERVILLE SUB	2604	1996	7.2911
184	234	PECOS MAIN SUB	12P362	712	7.0632
185	196	SOUTH SHORE SUBSTATION	1190	2200	6.9900
186	140	GLEN ROSE SUB	23875	958	6.8069
187	211	SOUTH SUB	1108	1462	6.6949
188	188	WEST SUB	1234	1098	6.2741
189	145	ANGLETON SUBSTATION	1153	2298	6.2711
190	105	MAGNOLIA SUBSTATION	1150	612	6.1601
191	162	FREEWAY PARK SUBSTATION	1102	461	6.1475
192	7	WHITEWRIGHT SUB	12575	752	6.1077
193	173	DOWNTOWN 12.5 SUB	12F114	794	6.0630
194	71	TI SUB	1012	2110	5.7701
195	180	CORYELL CO SUB	22365	625	5.6512
196	174	WICKETT SUB	12K449	172	5.6453
197	134	WEST SUB	1202	980	5.6184
198	85	CALIFORNIA SUB	12K87	54	5.2222
199	238	SANDERSON SUB	4S27	103	5.0485
200	271	VALLEY MILLS SUB	22565	425	4.9882
201	114	AIRPORT SUB	12F44	530	4.8528
202	226	WALNUT SPRINGS SUB	2215	103	4.1748
203	181	WEST SUB	1201	698	4.1046
204	205	HAMILTON CITY SUB	23820	368	3.9946
205	160	BRAZORIA SUBSTATION	1290	929	3.8332
206	166	SOUTH SHORE SUBSTATION	1192	1584	3.6818
207	214	STAFFORD SUB	12P99	287	3.6098
208	203	WEST SUB	1221	1752	3.0365
209	216	SOUTH SHORE SUBSTATION	1195	1745	2.8023
210	209	PECOS MAIN SUB	12P02	1167	2.7326
211	261	KERMIT NO. 1 SUB	4K02	211	2.6066
212	265	CLIFTON #2 SUB	4160	346	2.6040
213	241	WHITNEY SUB	22460	633	2.1675
214	168	WEST SUB	1233	594	2.1667

215	80	BRYSON SUB	1233	147	2.0408
216	264	CLIFTON 1 22KV SUB	22480	109	1.9266
217	208	KERMIT NO. 1 SUB	4K04	393	1.9033
218	184	HAMILTON COUNTY SUB	24015	650	1.8077
219	258	CLIFTON 1 4KV SUB	407	289	1.7647
220	220	LEAGUE CITY MAIN SUBSTATION	1280	934	1.6456
221	10	LAKEPOINTE SUB	2540	673	1.5557
222	50	LONE OAK SUB	13388	57	1.4912
223	156	LAKEPOINTE SUB	2536	83	1.2169
224	97	CLIFTON #2 SUB	23165	55	1.1818
225	191	16TH STREET SUB	12F72	282	1.1596
226	253	GATESVILLE 2 SUB	429	373	1.0858
227	244	CLIFTON #2 SUB	4165	415	1.0843
228	249	PECOS MAIN SUB	2P03	379	1.0554
229	206	COCHISE SUB	25P48	233	1.0386
230	222	FRONTIER SUB	4236	264	1.0227
231	229	THURBER SUB	22890	400	1.0025
232	257	CLIFTON 1 4KV SUB	490	40	1.0000
233	268	SANDERSON SUB	4S26	234	0.8547
234	81	STAFFORD SUB	12P82	317	0.8517
235	233	KEYSTONE SUB	12K437	670	0.7373
236	240	PECOS MAIN SUB	12P03	370	0.7243
237	159	GATESVILLE 2 SUB	22725	1017	0.7158
238	182	RED RIVER SUB	2262	90	0.6111
239	40	HICO CITY SUB	390	296	0.4730
240	263	CLIFTON 1 4KV SUB	405	115	0.4087
241	256	CORYELL CO SUB	22160	69	0.3768
242	204	GATESVILLE 2 SUB	23065	39	0.3590
243	228	GATESVILLE 1 SUB	419	250	0.3400
244	210	HAMILTON COUNTY SUB	2345	263	0.2662
245	27	STAFFORD SUB	12P83	486	0.2202
246	246	MERIDIAN SUB	23205	162	0.1852
247	232	GATESVILLE 1 SUB	422	247	0.1741
248	200	HICO CITY SUB	395	578	0.1730
249	N/A	OLNEY SUB	1695	784	0.1531
250	260	KERMIT NO. 1 SUB	4K03	226	0.1504
251	255	GATESVILLE 1 SUB	413	201	0.1244

252	132	HAMILTON CITY SUB	23825	150	0.0000
253	254	GATESVILLE 2 SUB	426	256	0.0000
254	N/A	DETROIT SUB	479	152	0.0000
255	N/A	DETROIT SUB	474	67	0.0000
256	227	CORYELL CO SUB	22155	634	0.0000
257	267	CLEMENS DOME SUBSTATION	1175	12	0.0000
258	N/A	BOGATA SUB	464	191	0.0000
259	N/A	BOGATA SUB	416	221	0.0000
260	N/A	BOGATA SUB	412	110	0.0000
261	38	WORSHAM FIELD SUB	13P97	57	0.0000
262	273	WHITNEY #2 SUB	22469	72	0.0000
263	62	WHITEWRIGHT SUB	12573	182	0.0000
264	46	TALCO WEST SUB	13909	26	0.0000
265	N/A	TALCO CITY SUB	13403	233	0.0000
266	N/A	TALCO CITY SUB	13399	182	0.0000
267	112	SYCAMORE SUB	24100	41	0.0000
268	270	STAFFORD SUB	13P50	88	0.0000
269	79	STAFFORD SUB	12P50	289	0.0000
270	269	SANDERSON SUB	4S28	316	0.0000
271	29	PUCKETT SUB	25F14	38	0.0000
272	N/A	PRINCETON SUB	12717	567	0.0000
273	N/A	PILOT POINT SUB	2608PP	792	0.0000
274	N/A	PETROLIA STEP-UP SUB	22495	184	0.0000
275	221	PECOS MAIN SUB	2P06	211	0.0000
276	251	PECOS MAIN SUB	2P05	19	0.0000
277	250	PECOS MAIN SUB	2P04	189	0.0000
278	248	PECOS MAIN SUB	12P01	98	0.0000
279	N/A	OLNEY SWITCH STATION	1218	108	0.0000
280	N/A	OLNEY SWITCH STATION	1211	36	0.0000
281	N/A	OLNEY SWITCH STATION	1202	470	0.0000
282	N/A	OLNEY SWITCH STATION	1201	1354	0.0000
283	N/A	MOBIL SUB	12108	37	0.0000
284	N/A	MOBIL SUB	13932	23	0.0000
285	N/A	MINTER SUB	12312	150	0.0000
286	23	LONGNECK SUB	23130	452	0.0000
287	245	KERMIT NO. 2 SUB	4K07	393	0.0000
288	259	KERMIT NO. 2 SUB	4K06	142	0.0000

| 289

KERMIT NO. 1 SUB

4K05

143

0.0000|

TEXAS - NEW MEXICO POWER COMPANY

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2003 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	34.07%
Vegetation	10.99%
Animals and Birds	19.31%
People (Including cars and farm equip)	4.67%
Utility-owned Equipment	19.24%
Other	8.54%
Unknown	3.18%