

Control Number: 32237



Item Number: 18

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Service Quality Report - AMENDED to the Public Utility Commission of Texas in accordance with Substantive Rule §25.81 2005 Reporting Year

Texas-New Mexico Power

Project 32237

Amended Report submitted February 15, 2006

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2005	47.1018	1.5687	1.9802	2.0520	3.3023	6.9097	6.9097 4.7547	7.7304	5.0201	5.5759	1.6100	3.3504	3.2472
Scheduled													
2005	0.2126	0.2126 0.0000 0.0082	0.0082	0.0321	0.0183	0.0851	0.0166	0.0019	0.0078	0.0043 0.0213		0.0170	0.0000
Outeide Caucos													
2005	24.4199	3.0931	0.0000	0.5059	9.2884	3.0518	1.7490	2.1843	3.4829	0.0018 0.0000		0.0000	1.0627
Maior Events													
2005	26.2339	0.0000	0.0000	0.0000	0.0000 15.8292	15.8292	0.0000	0.0000	0.0000	0.0000 0.0000 0.0000 10.4047 0.0000	0.0000	0.0000	0.0000
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Texas-New Mexico Power

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	0ct O	Νον	Dec
Forced													
2005	0.6068	0.0173	0.0239	0.0200	0.0540	0.0934	0.0489	0.1204 0.0595	0.0595	0.0670	0.0195	0.0416	0.0413
Scheduled													
2005	0.0047	0.0000	0.0000	0.0001	0.0003	0.0003	0.0002	0.0000 0.0001	0.0001	0.0001	0.0003	0.0033	0.0000
Outside Causes								-					
2005	0.2844	0.0102	0.0000	0.0268	0.1065	0.0190	0.0147 0.0414	0.0414	0.0478	0.0000	0.0000	0.0000	0.0180
Major Events													
2005	0.0979	0.0000	0.0000	0.0000	0.0000	0.0809 0.0000 0.0000	0.0000	0.0000	0.0000	0.0171	0000	00000	
												2000.2	0000.0

32237 - TNMP 2005 Service Quality Report - AMENDED.xls System-SAIFI

Distribution Feeder Indices for Forced Interruptions List all Distribution Feeders on Texas System

Total Number of Feeders

With More Than 10 Customers

Add or Delete Rows as Necessary

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2005 SAIFI 2004 (2004 SAIFI		Feeder	Number of	2005 SAIFI
Ranking	Ranking	Substation Identification	Identification	Customers	Value
t	220	LAKEPOINTE SUB	2508	291	5.7801
2	19	WICKETT SUB	12K446	24	4.6667
3	107	RED RIVER SUB	2252	1559	3.4221
4	69	MERIDIAN SUB	23205	183	3.1585
5	71	LAKEPOINTE SUB	2516	715	3.1287
9	217	WINKLER CO. NO. 6 SUB	25K11	14	ю
7	232	WHITEWRIGHT SUB	12573	199	2.8794
ω	76	VALLEY MILLS SUB	22575	699	2.7758
6	163	NOCONA SUB	13374	717	2.7029
10	120	OLD OCEAN SUBSTATION	1261	174	2.477
11	5	DICKINSON SUBSTATION	1272	1455	2.4467
12	38	DICKINSON SUBSTATION	1267	1207	2.4424
13	178	GLEN ROSE SUB	22300	1198	2.3982
14	208	KRUGERVILLE SUB	2604	2111	2.2634
15	55	AIRPORT SUB	12F44	560	2.1946
16	80	KEYSTONE SUB	12K434	26	2.1154
17	112	DOWNTOWN 12.5 SUB	12F114	794	2.1121
18	10	HAMILTON COUNTY SUB	2345	273	2.0952
19	241	LAKEPOINTE SUB	2544	1876	2.0938
20	122	VALLEY MILLS SUB	22570	440	2.075
21	73	MERIDIAN SUB	680	310	2.0419
22	60	RED RIVER SUB	2229	422	2.0047
23	77	LAKEPOINTE SUB	2512	441	2.0045
24	186	JONES STREET SUB	1431	1474	1.8501
25	-	PYOTE SUB	25P217	48	1.8125
26	198	SOUTH SUB	1108	1639	1.6595
27	06	HAMILTON COUNTY SUB	2340	203	1.6552
28	64	CLIMAX SUB	22110	1073	1.6058
29	32	W.D. FAULKNER SUB	12P259	128	1.5625

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30 30 31	Kanking			Number of	2005 SAIFI
30			Identification	Customers	Value
	7	EMORY SUB (ONCOR)	1201	1406	1 5762
5	29	SWEENY SUBSTATION	1264	1285	1 5128
32	130	LONGNECK SUB	23126	484	1 4028
33	295	WORSHAM FIELD SUB	13P97	5	1.4330
34	თ	ANGLETON SUBSTATION	1155	840	1 450 1
35	139	CALIFORNIA SUB	17KRG	270	
36	128	PECOS MAIN SUB	12003	1C 07S	1.4324
37	50	WHITNEY SUB	22450	780	1.4297
38	118	WORSHAM FIELD SUB	13D08	007	1.4038
39	87	ALVIN SUB	1115	240	1.3/92
40	45	CORYELL CO SUB	7736F	1910	1.3/43
41	192	HICO CITY SUB	205	000	1.3333
42	244	TISUR	000	000	1.3061
43	129		1033	1911	1.2831
44	41	HIL COUNTY SUB	23240	825	1.2788
45	83		23340	600	1.2567
46	16		238/5	1007	1.2552
47	29		22164	1785	1.2342
48	106 A		1490	810	1.221
49	5		22820	46	1.2174
50	040		390	298	1.1946
20	240	BLUE RIDGE SUB	22700	400	1.17
5	40	LONE STAR SUB	25P174	30	1.1667
22	C17	CORYELL CO SUB	22160	69	1.1594
20	21	FREEWAY PARK SUBSTATION	1298	1405	1.1423
1 4	140	JONES STREET SUB	1411	1977	1.1371
00	4C1	PETROLIA SUB	12260	974	1.1324
00	24	OLNEY SUB	1690	481	1 1123
/0	177	ANGLETON SUBSTATION	1154	1470	1 1100
58	43	LONE STAR SUB	25P171		1.1102
59	179	WALNUT SPRINGS SUR	102070	00	1.1
60	98	PECOS MAIN SLIB	0121	44	1.0909
61	157	LAKE WHITNEY SLIB	125 UZ	/01.1	1.0831
62	78	ANGLETON SUBSTATION	1150	932	1.0805
63	231	IONES STREET SLID	103	231/	1.0777

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2005 SAIFI	2005 SAIFI 2004 SAIFI		Feeder	Number of	2005 SAIFI
Ranking	Ranking	substation identification	Identification	Customers	Value
64	146	TEJAS SUBSTATION	1212	255	1.0627
65	N/A	MAGNOLIA SUBSTATION	1146	1548	1.0581
66	42	LAKEPOINTE SUB	2536	103	1.0485
67	65	OLNEY SUB	1685	713	1.0323
68	40	VALLEY MILLS SUB	22565	434	1.0276
69	242	LAKEPOINTE SUB	2540	749	1.0227
70	182	WHITNEY SUB	22460	644	1.0217
71	210	THURBER SUB	22890	404	1.0198
72	94	OLNEY SUB	1695	631	1.0174
73	205	DOWNTOWN 12.5 SUB	12F130	1132	1.0141
74	33	BRAZORIA SUBSTATION	1291	800	1.0138
75	57	LEONARD SUB	14635	617	1.0097
76	289	SANDERSON SUB	4S28	316	1.0063
77	161	PECOS MAIN SUB	2P06	211	-
78	74	STAFFORD SUB	12P99	287	
79	291	SYCAMORE SUB	24100	41	~
80	15	WHITEWRIGHT SUB	13563	267	.
81	113	SOUTH SUB	1103	1115	0.9919
82	172	PUCKETT SUB	25F14	38	0.8158
83	37	HANDLEY SUB	22825	475	0.8105
84	123	THURBER SUB	1447	625	0.768
85	96	ANGLETON SUBSTATION	1244	1153	0.7528
86	110	LEONARD SUB	12682	256	0.6719
87	115	BRAZORIA SUBSTATION	1270	1007	0.6356
88	8	ALVIN SUB	1230	1569	0.6278
89	30	NOCONA SUB	12486	162	0.6235
06	18	CLIMAX SUB	2270	467	0.621
91	93	DICKINSON SUBSTATION	1277	1636	0.6143
92	121	WALNUT SPRINGS SUB	2210	583	0.6123
93	180	FLAT TOP SUB	26P03	61	0.6066
94	193	LEONARD SUB	12678	304	0.5888
95	22	16TH STREET SUB	12F71	1113	0.5678
96	206	GLEN ROSE SUB	22285	219	0.5662
97	11		1760	100	

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	2004 SAIFI	Cubetation Idontification	Feeder	Number of	2005 SAIFI
Ranking	Ranking	oubstation identification	Identification	Customers	Value
98	26	DICKINSON SUBSTATION	1274	1504	0 6106
66	31	SWEENY SUBSTATION	1263	546	0.5055
100	125	DICKINSON SUBSTATION	1279	1770	0.0000
101	100	WHITEWRIGHT SUB	12574	751	0.4000
102	102	LONGNECK SUB	23130	603	0.4706
103	49	PECOS MAIN SUB	12P362	712	0.45.0
104	201	PUCKETT SUB	25F18	26	0.4645
105	84	SWEENY SUBSTATION	1129	747	0.4506
106	104	ANGLETON SUBSTATION	1240	1370	0.4350
107	127	ALVIN SUB	1257	2022	0.4200
108	119	ALVIN SUB	1116	2050	0.4342
109	138	NOCONA SUB	13610	849	0.4776
110	155	ALVIN SUB	1117	1541	0.4153
111	131	GLEN ROSE SUB	22305	841	0.306
112	111	LAMARQUE SUBSTATION	1204	1590	0.3956
113	124	REEVES CO. NO. 4 SUB	13P37	130	0.3846
114	134	DICKINSON SUBSTATION	1266	651	0.384
115	145	FRIENDSWOOD SUBSTATION	1108	1685	0.3828
116	126	FRIENDSWOOD SUBSTATION	1252	1583	0.3822
117	248	BRYSON SUB	1233	154	0.3766
118	114	BRAZORIA SUBSTATION	1290	815	0.3742
119	183	MAGNOLIA SUBSTATION	1145	920	0.3641
120	58	NORTHSIDE SUBSTATION	1228	1661	0.3528
121	132	LAKE WHITNEY SUB	1230	557	0.3501
122	66	STAFFORD SUB	12P83	486	0.3416
123	158	LAMARQUE SUBSTATION	1205	1032	0.3391
124	133	LEONARD SUB	14631	415	0.3373
125	205	FRIENDSWOOD SUBSTATION	1109	1394	0.3372
126	117	SWEENY SUBSTATION	1128	1517	0.3283
127	159	WEST SUB	1235	1314	0 3242
128	25	ANGLETON SUBSTATION	1243	1364	0.3204
129	239	HAMILTON CITY SUB	23820	371	0.3154
130	23	BRAZORIA SUBSTATION	1271	1463	
131	00				0.4004

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AlFi 2004 S Ranki X 2007 S 2004 S 2007 S 200				
Ranki 1364 136 136 137 137 137 137 137 137 137 137 137 137	AIFI	Feeder	Number of	2005 SAIFI
	ing substation remunication	Identification	Customers	Value
	4 LAMARQUE SUBSTATION	1110	378	0.291
	5 FRIENDSWOOD SUBSTATION	1251	1756	0.287
	0 ALVIN SUB	1259	663	0.2775
		1103	1428	0.2717
		1299	814	0.269
	0 CLIFTON 1 22KV SUB	22495	331	0.2689
	1 WEST COLUMBIA LOCAL SUBSTATION	1237	827	0.2612
	9 GATESVILLE 2 SUB	22725	1025	0.2605
	NORTHSIDE SUBSTATION	1292	1405	0.2605
		22125	438	0.258
	WALNUT SPRINGS SUB	2200	440	0.25
	4	1241	1277	0.2498
	WEST COLUMBIA LOCAL SUBSTATION	1233	1101	0.248
		1202	1092	0.2454
	Ë	1282	2115	0.2416
	6 SOUTH SHORE SUBSTATION	1194	1294	0.2411
	CLIFTON #2 SUB	4165	416	0.2332
	FRIE	1253	1730	0.2324
		12698	1120	0.2295
	REEVE	12P28	92	0.2283
		1231	1857	0.2272
	4 HEIGHTS SUBSTATION	1222	608	0.2253
	HAN	22785	272	0.2243
	0 COCHISE SUB	25P47	23	0.2174
	5 ALVIN SUB	1232	1135	0.2141
	BELDING SUB	12F161	47	0.2128
		13384	394	0.2081
	LAN	1201	916	0.2074
		429	375	0.2053
	LEAGUE CITY MAIN SUBSTATION	1283	1521	0.2045
	5 CALIFORNIA SUB	12K87	54	0.2037
		13370	869	0.2025
	2 LEAGUE CITY MAIN SUBSTATION	1281	1559	0.1944
165 188	8 COCHISE SUB	25P48	233	0.1931

Ranking Ranking 166 81 167 87 167 270 168 52 169 52 169 202 170 116 171 149 172 223 173 148 174 212 175 235 176 178 177 190 178 156 179 258 179 258 179 258 179 258 179 258 179 258 179 258 179 258 179 258 179 258 179 258 179 258 179 258 179 258 179 258	00 × 12 × 14 × 10 × 10 × 10 × 10 × 10 × 10 × 10	Substation Identification SYCAMORE SUB GATESVILLE 1 SUB NORTHSIDE SUBSTATION LEAGUE CITY MAIN SUBSTATION STAFFORD SUB MAGNOLIA SUBSTATION ANGLETON SUBSTATION LAMARQUE SUBSTATION TEJAS SUBSTATION	react Identification 24105 419	Number of Customers 130	2005 SAIFI Value
166 8 167 168 5 169 5 169 5 170 171 17 1 172 173 2 2 175 174 2 1 176 175 2 1 176 176 2 1 176 176 2 1 178 176 2 2 179 2 2 2 179 2 2 2 179 2 2 2 179 2 2 2 179 2 2 2 179 2 2 2 179 2 2 2 180 1 2 2	0 2 2 1 9 3 9 9 9 5 2 2	SYCAMORE SUB GATESVILLE 1 SUB GATESVILLE 1 SUB NORTHSIDE SUBSTATION LEAGUE CITY MAIN SUBSTATION STAFFORD SUB MAGNOLIA SUBSTATION ANGLETON SUBSTATION LAMARQUE SUBSTATION TEJAS SUBSTATION	24105 419	130	value
	0 2 3 1 4 8 3 4 9 9 9 5 5 9	GATESVILLE 1 SUB NORTHSIDE SUBSTATION LEAGUE CITY MAIN SUBSTATION STAFFORD SUB MAGNOLIA SUBSTATION ANGLETON SUBSTATION LAMARQUE SUBSTATION TEJAS SUBSTATION	419	100	
	0 2 3 1 48 3 49 9 7 5 5	NORTHSIDE SUBSTATION LEAGUE CITY MAIN SUBSTATION STAFFORD SUB MAGNOLIA SUBSTATION ANGLETON SUBSTATION LAMARQUE SUBSTATION TEJAS SUBSTATION		760	0.1923
	0 A 35 2 2 8 3 3 4 6 6 7 2 2	LEAGUE CITY MAIN SUBSTATION STAFFORD SUB MAGNOLIA SUBSTATION ANGLETON SUBSTATION LAMARQUE SUBSTATION TEJAS SUBSTATION	1795	202 1004	0.189/
	0 2 2 1 4 3 3 4 9 9	STAFFORD SUB MAGNOLIA SUBSTATION ANGLETON SUBSTATION LAMARQUE SUBSTATION TEJAS SUBSTATION	1284	1004 605	0.18//
	9 × 32 12 88 33 49	MAGNOLIA SUBSTATION ANGLETON SUBSTATION LAMARQUE SUBSTATION TEJAS SUBSTATION	12P82	247	0.10/1
	23 90 A 88 35 5 2 88	ANGLETON SUBSTATION LAMARQUE SUBSTATION TEJAS SUBSTATION	1144	1100	0.1001
	90 A 55 12	LAMARQUE SUBSTATION TEJAS SUBSTATION	1242	557	0.101.0
	90 A 52	TEJAS SUBSTATION	1203	002 ARE	0.1012
	90 A 5		1217	710	0. 1092 0. 160
	A O	MAGNOLIA SUBSTATION	1148	1246	0.103
	0	SEMINOLE SUBSTATION	1403	1517	0.1017
	6	PECOS MAIN SUB	12P01	80	0.1000
	g	WEST COLUMBIA LOCAL SUBSTATION	1235	876	0.1621
	80	16TH STREET SUB	12F72	169	0 1508
ĺ	2	HEIGHTS SUBSTATION	1134	030	0.1330
	Ţ	JONES STREET SUB	1413	1175	0 1557
		AIRPORT SUB	12F725	1231	0.1487
		WEST COLUMBIA LOCAL SUBSTATION	1234	1052	0 1 1 4 5
		FREEWAY PARK SUBSTATION	1101	1494	
	e S	GLEN ROSE SUB	22295	705	0.1440
	12	HAMILTON CITY SUB	22780	876 876	0.410
	6	NORTHSIDE SUBSTATION	1294	1078	0.1410
		FLAT TOP SUB	26P02	30	0.1004
	7	HEIGHTS SUBSTATION	1132	1146	0.1335
	4	WHITEWRIGHT SUB	12575	077	0.1320
	1	KRUGERVILLE SUB	2608	1654	0.12
192 214	4	MAGNOLIA SUBSTATION	1149	2147	0 1081
	2	KERMIT NO. 1 SUB	4K04	303	0 1020
	1	IH 20 SUB	12P566	118	0.1212
	0	SANDERSON SUB	4527	0 - 7	0.12/1
	2	ANGLETON SUBSTATION	1245	00- 812	0.1202
	4	NORTHSIDE SUBSTATION	1203	017	0.1200
	4	WALNUT SPRINGS SUB	2215	040	0.1229
	<u> </u>	SOUTH SHORE SUBSTATION	1105	101	0.121.0

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	2004 SAIFI	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Feeder	Number of	2005 SAIFI
Ranking	Ranking	Substation identification	Identification	Customers	Value
200	46	HAMILTON COUNTY SUB	24015	673	0.1189
201	204	TI SUB	1012	2210	0.1172
202	66	TEJAS SUBSTATION	1215	1657	0.1159
203	233	TALCO WEST SUB	13909	26	0.1154
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	0.1061
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	173	WEST SUB	1221	1766	0.0974
211	165	ALVIN SUB	1254	1425	0.0968
212	197	SOUTH SHORE SUBSTATION	1192	1745	0.0957
213	28	FLAT TOP SUB	26P01	105	0.0952
214	13	HEIGHTS SUBSTATION	1224	1281	0.0913
215	254	TI SUB	1032	3200	0.0913
216	274	KERMIT NO. 1 SUB	4K05	143	0.0909
217	256	GATESVILLE 1 SUB	422	248	0.0887
218	213	SAINT JO SUB	408	275	0.0836
219	237	SANDERSON SUB	4S26	234	0.0812
220	62	WHITNEY SUB	22455	746	0.0804
221	219	MERIDIAN SUB	069	271	0.0738
222	265	CLIFTON 1 4KV SUB	490	42	0.0714
223	20	PYOTE SUB	25P312	128	0.0703
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	0.0619
228	88	WEST SUB	1223	2409	0.0619
229	82	WEST SUB	1222	1401	0.06
230	236	GRAHAM SUB	12605	140	0.0571
231	151	STAFFORD SUB	13P50	88	0.0568
232	17	GOMEZ SUB	25F61	18	0.0556
233	238	KERMIT NO. 2 SUB	12K98	289	0.0554

	Ranking	Substation Identification	Feeder	Number of	2005 SAIFI
	103	STAFFORM SUB	Identification	Customers	Value
Γ	167		12P50	289	0.0554
-	222	WEST SUB	1190	2263	0.0552
-	243		12020	713	0.0533
1-	252	WEST SUB	23825	154	0.0519
-	86		2021	1010	0.0515
1	68		12490	298	0.0503
-	21		1102	841	0.0499
	245		2011	1440	0.0486
-	195	LEAGUE CITY MAIN SUBSTATION	243/0	212	0.0472
	221		1280	1042	0.0441
⊢	227		1285	2103	0.0423
-	152		40/	292	0.0411
-	67		401	249	0.0321
┝	4		1300	158	0.0316
	203		22155	635	0.0315
⊢	189	BRYSON SUB	1109	785	0.028
┝	35		1230	461	0.0239
┝	72		1297	422	0.0213
┝	48		1203	775	0.0181
┝	275		22480	117	0.0171
┢	263		4K07	393	0.0153
	224		4160	350	0.0143
-	97		1150	1161	0.0112
┡	255		1233	606	0.0099
┝	225	KEVSTONE SLIP	4KU3	226	0.0088
-	63	GRAHAM SUD	12K43/	670	0.006
-	283	DECOS MAIN SUB	1245	174	0.0057
-	284		2P03	379	0.0053
-	246	16TH STREET SUID	22042	189	0.0053
-	209	TRENTON SUB	13F14	400	0.005
	79	WEST SLIB	4120	208	0.0048
-	259	BEI DING SLIB	1234	1308	0.0015
L	244		121 104	12	c

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2005 SAIFI	2004 SAIFI	Ch.tation Identification	Feeder	Number of	2005 SAIFI
Ranking	Ranking	Substation Identification	Identification	Customers	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	272	GATESVILLE 2 SUB	426	257	0
272	271	GATESVILLE 2 SUB	23065	40	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	75	WHITNEY #2 SUB	22469	72	0

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Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

With More Than 10 Customers

Add or Delete Rows as Necessary

278

Total Number of Feeders

		Cubatadian I.I	Feeder	Nimbered	
Kanking	Ranking	Substation Identification	Identification	Number of	2005 SAIDI
1	194	WINKLER CO NO 6 SUB		Customers	Value
2	11			14	1230
с С	196		12K446	24	794.4167
4	152		395	588	395.7432
5	28		390	298	376.3255
9	208	VALLET WILLS SUB	22575	669	300.9073
7	221		2508	291	299.3918
ω	128	WORSHAM FIELD SUB	22160	69	291.913
6	289		13P98	240	263.1417
10	295	WORSHAM FIELD SUB	4S28	316	230.1741
11	49		13P9/	57	227.2632
12	113		126/	1207	220.768
13	125		1212	255	212.4745
14	36		1261	174	212.1782
15	197		12P259	128	204.8672
16	46		22300	1198	195.995
17	14		23205	183	195.8087
18	9		1272	1455	194.2234
19	86		2345	273	192.022
20	102		12P99	287	188
21	19		22570	440	184.4523
22	2		22365	660	184.3652
23	0		25P217	48	183.6667
24	110		1490	810	180.3914
25	62		12F114 00005	794	168.2393
26	43	HAMI TON COUNTY SUB	238/5	1007	165.4608
27	239		2340	203	164.266
28	99		125/3	199	160.0302
29	148	PECOS MAIN SUB	68U 16500	310	153.7065
			12PU3	370	153.0216

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32237 - TNMP 2005 Service Quality Report - AMENDED.xls Feeder-SAIDI

2005 SAIDI	2004 SAIDI	Cht	Feeder	Number of	2005 SAIDI
Ranking	Ranking	Substation Identification	Identification	Customers	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	66	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	SWEENY 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

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32237 - TNMP 2005 Service Quality Report - AMENDED.xis Feeder-SAIDI

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2005 SAID: 2005 SA	l exas-new	MIEXICO POWER				
Ranking Junearoni neminication Lettification Lustonication 195 TUNES STREET SUB 1431 1474 195 TUNES REET SUB 1431 1474 195 TUNES REET SUB 1431 1474 195 TUNES REET SUB 1431 1474 30 118 REYSTONE SUB 127280 404 30 118 REYSTONE SUB 12744 30 314 217 ALVIN SUB 12744 560 974 217 ALVIN SUB 127260 974 304 217 ALVIN SUB 12744 560 974 217 ALVIN SUB 12744 560 974 216 MHITERVIRICHT SUB 12678 166 974 216 JONESTATION 12862 267 761 216 MHITEVNRICHT SUB 1103 1115 974 216 MHITEVNRICHT SUB 1103 1115 974 216 MHITEVNRICHT SUB <th>2005 SAIDI</th> <th>2004 SAIDI</th> <th>Substation Identification</th> <th>Feeder</th> <th>Number of</th> <th>2005 SAIDI</th>	2005 SAIDI	2004 SAIDI	Substation Identification	Feeder	Number of	2005 SAIDI
192 JONES STREET SUB 1431 1474 165 10 NURBER SUB 131 1474 91 10 LONES STREET SUB 1431 1474 91 91 LONES STRA SUB 25890 404 91 PETROLIA SUB LONES STRA SUB 258 404 118 LEONARD SUB 12764 560 974 7 MUTEWORT SUB 12766 974 167 7 ALVIN SUB 12568 304 474 7 ALVIN SUB 12568 304 474 7 ALVIN SUB 1230 1669 304 141 ALVIN SUB 12568 304 471 164 MHITEWRICHT SUB 12368 1411 1977 355 MHITEWRICHT SUB 13563 141 1977 164 JONES STREET SUB 1411 1977 1977 360 HALINEY SUB MHITEWRICHT SUB 1411 1977 164 </th <th>Ranking</th> <th>Ranking</th> <th>Substation ruentification</th> <th>Identification</th> <th>Customers</th> <th>Value</th>	Ranking	Ranking	Substation ruentification	Identification	Customers	Value
195 THURBER SUB 22890 404 10 10 10 10 167 30 11 11 ECOS MAIN SUB 12743 30 11 11 FETROLIA SUB 12743 30 11 11 FETROLIA SUB 12660 974 11 11 FETROLIA SUB 12744 560 11 2367 12360 304 11 All LEONARD SUB 12560 974 11 2367 141 12260 974 90 11 Altron SUB 12260 141 197 90 11 Altron SUB 12260 141 197 90 116 JONES STREET SUB 106 MHITNEY SUB 103 1115 110 MHITNEY SUB JONES STREET SUB 1113 1115 116 MHITNEY SUB JONES STREET SUB 1113 1115 116 MHITNEY SUB JONES SUBSTATION 12244<	64	192	JONES STREET SUB	1431	1474	79.5617
10 10 LONE STAR SUB 25P174 30 91 FCOS MAIN SUB 12P02 1167 30 13 FECOS MAIN SUB 12P02 1167 30 13 FETOSI E SUB REYOSTONE SUB 12F44 560 974 14 217 A ALVIN SUB 12563 304 304 141 LEONARD SUB 12563 267 1669 304 141 ALVIN SUB NHITEWRIGHT SUB 12682 266 304 141 ALVIN SUB NOLETON SUBSTATION 12682 266 304 155 WHITEWRIGHT SUB 12682 116 304 304 164 SOUTH SUB 12268 644 307 301 165 MHITEWRIGHT SUB 1274 1165 751 1779 166 MHITEWRIGHT SUB NOHITISWICSUB 22460 644 301 166 MHITEWRIGHT SUB NOHITISWICSUB 22746 644 301	65	195	THURBER SUB	22890	404	77.3069
91 PECOS MAIN SUB 12P02 167 68 68 8 AERPORT SUB 12P02 167 118 118 PECOS MAIN SUB 12744 560 7 7 118 12560 974 7 7 114 1230 1569 974 7 7 8 ALVIN SUB 12260 974 8 714 153 1230 1569 304 141 141 1230 1569 304 155 MHITNEY SUB 1366 166 167 164 35 JONES STREET SUB 1411 1977 168 MHITNEY SUB 1244 115 167 168 MHITNEY SUB 12246 644 167 168 MHITNEY SUB 1227 169 1779 169 MHITNEY SUB 1227 151 1779 169 MHITNEY SUB 1277 153 1779 <	66	10	LONE STAR SUB	25P174	30	76.4
68 KEYSTONE SUB 12K434 26 118 ETRORT SUB 12744 560 217 7 118 12788 304 217 7 1217 1568 304 217 141 13563 267 304 217 48 ALVIN SUB 1278 304 48 ALVIN SUB 1278 304 373 48 ALVIN SUB 1230 1563 304 141 84 1103 1153 304 155 00 2450 567 780 164 52 00 105 1103 1115 00 00 00 1224 157 751 164 52 00 1224 157 751 00 00 00 00 1274 157 115 00 00 00 1274 151 0116 00 0106 010	67	91	PECOS MAIN SUB	12P02	1167	75.6907
63 AIRPORT SUB 12F44 560 118 217 118 12560 974 118 1 118 12560 974 118 1 1 1230 1569 974 118 LEONARD SUB 1230 1569 304 118 ALVIN SUB 1230 1569 304 111 B ALVIN SUB 1230 1569 111 B MHITEWRIGHT SUB 12682 256 116 JOK JOKES STREE SUB 1411 1977 116 JOK JOKES STREE SUB 1411 1977 116 JOKES STREE SUB 1411 1977 115 116 JOKENSON SUBSTATION 1227 116 1177 116 DICKINSON SUBSTATION 1277 1636 1177 117 DICKINSON SUBSTATION 1277 1636 1177 117 DICKINSON SUBSTATION 1274 1779 1779 <t< td=""><td>68</td><td>68</td><td>KEYSTONE SUB</td><td>12K434</td><td>26</td><td>75.2692</td></t<>	68	68	KEYSTONE SUB	12K434	26	75.2692
118 FETROLIA SUB 12260 974 217 217 ALVIN SUB 12678 304 141 7 ALVIN SUB 12678 304 141 141 ALVIN SUB 12678 304 141 ANGLETON SUBSTATION 12678 304 141 ANGLETON SUBSTATION 12682 2567 141 ANGLETON SUBSTATION 12682 2567 164 35 JONES STREET SUB 1411 1977 105 WHITNEY SUB 1411 1977 1977 106 BRAZORIA SUBSTATION 1244 115 1115 106 BRAZORIA SUBSTATION 1274 115 116 DICKINSON SUBSTATION 1274 177 117 MITNEY SUB WHITNEY SUB 22460 644 116 DICKINSON SUBSTATION 1277 1636 1779 117 DICKINSON SUBSTATION 1229 651 1779 1122 GLIN ROSE SUB OLINES STATIO	69	63	AIRPORT SUB	12F44	560	72.4339
217 LEONARD SUB 12678 304 7 48 ALVIN SUB 12678 304 141 48 ALVIN SUB 1230 1569 304 141 141 13653 265 266 141 141 1260NAD SUB 12682 266 164 35 JONES STREET SUB 1264 1163 164 52 WHITNEY SUB 1003 1115 164 52 JONES STREET SUB 1103 1115 166 106 WHITNEY SUB 1103 1115 175 500/TH SUB 1724 751 1676 166 106 BRZORIA SUBSTATION 122 1115 1115 116 DICKINSON SUBSTATION 122460 644 800 1115 1116 BRZORIA SUBSTATION 1224 751 1636 1116 BRZORIA SUBSTATION 1229 1115 1115 111 BRZORIA SUBSTATION 1221 1	70	118	PETROLIA SUB	12260	974	72.4189
7 ALVIN SUB 1230 1569 14 14 12882 267 14 141 12882 267 14 141 13653 267 15 35 MHITEWRIGHT SUB 13663 267 164 35 MHITEWRIGHT SUB 12882 256 164 165 MHITNEY SUB 103 1115 106 MHITNEY SUB 103 1115 103 116 106 MHITNEY SUB 103 1115 116 106 MHITNEY SUB 103 1115 116 116 103 1115 1117 116 MHITNEY SUB 122460 644 1177 90 MHITNEY SUB 12574 751 111 1077 90 MALNUT SPRINGS SUB 22460 644 111 91 111 1277 1656 651 111 91 111 1277 1650 1779	71	217	LEONARD SUB	12678	304	72.2632
48 WHITEWRIGHT SUB 13563 267 141 141 15882 256 141 164 235 780 164 52 WHITNEY SUB 12682 256 164 52 WHITNEY SUB 1163 1115 164 52 NGLETON SUBSTATION 1244 115 165 SOUTH SUB 106 1411 1977 166 116 JONES STREET SUB 1411 1977 167 SOUTH SUB 1204 1616 1077 116 NHITNEY SUB 22460 644 1779 116 DICKINSON SUBSTATION 1221 01779 1077 116 DICKINSON SUBSTATION 1227 1636 1779 1170 DICKINSON SUBSTATION 1227 1636 1779 111 T11 1227 0100000000000000000000000000000000000	72	7	ALVIN SUB	1230	1569	71.427
141 141 LEONARD SUB 12682 256 89 WHITNEY SUB 12682 256 164 35 WHITNEY SUB 1411 147 164 52 WHITNEY SUB 103 1115 106 106 JONES STREET SUB 1103 1115 116 106 WHITNEY SUB 1103 1115 116 BRAZORIA SUBSTATION 122460 644 90 DICKINSON SUBSTATION 122460 644 91 MHITNEY SUB RRAZORIA SUBSTATION 122460 644 90 DICKINSON SUBSTATION 122460 644 800 91 T12 WALNUT SPRINGS SUB 22460 644 91 DICKINSON SUBSTATION 1227 1636 1779 92 DICKINSON SUBSTATION 1227 1636 1779 91 MALNUT SPRINGS SUB 22210 583 219 92 JON DICKINSON SUBSTATION 1224 1590	73	48	WHITEWRIGHT SUB	13563	267	70.3745
89 ANGLETON SUBSTATION 1244 1153 35 WHITNEY SUB 22450 780 164 52 WHITNEY SUB 22450 780 164 52 UNES STREET SUB 1411 1977 166 JONES STREET SUB 1003 1115 780 106 WHITEWRIGHT SUB 12574 751 WHITEWRIGHT SUB WHITEWRIGHT SUB 12574 751 WHITEWRIGHT SUB WHITNEY SUB 22460 644 170 90 DICKINSON SUBSTATION 1279 1779 171 172 DICKINSON SUBSTATION 1277 1636 172 90 DICKINSON SUBSTATION 1277 1636 172 JOCKINSON SUBSTATION 1279 1779 1779 172 DICKINSON SUBSTATION 1279 1779 1779 173 DICKINSON SUBSTATION 1220 651 1779 115 MALNUT SPRINGS SUB 22285 219 270 115	74	141	LEONARD SUB	12682	256	67.8711
35 WHITNEY SUB 22450 780 164 52 JONES STREET SUB 1411 1977 52 00 106 1411 1977 1977 106 106 WHITEWRIGHT SUB 1103 1115 1115 106 185 WHITEWRIGHT SUB 122460 644 107 185 BRAZORIA SUBSTATION 1291 800 116 DICKINSON SUBSTATION 1271 1636 1779 117 90 DICKINSON SUBSTATION 1277 1636 117 90 DICKINSON SUBSTATION 1277 1636 117 95 SWEENY SUBSTATION 1277 1636 95 JOCKINSON SUBSTATION 1276 671 1779 115 MALNUT SPRINGS SUB 22460 644 1590 115 JOCKINSON SUBSTATION 1277 1636 651 115 LARE WHITNEY SUB 2240 66703 61 115 LARE WHITNEY SUB <td< td=""><td>75</td><td>89</td><td>ANGLETON SUBSTATION</td><td>1244</td><td>1153</td><td>65.2602</td></td<>	75	89	ANGLETON SUBSTATION	1244	1153	65.2602
164 JONES STREET SUB 1411 1977 52 50 UTH SUB 1103 1115 106 WHITEWRIGHT SUB 12574 751 116 WHITEWRIGHT SUB 12574 751 116 WHITEWRIGHT SUB 22460 644 116 WHITNEY SUB 22460 644 116 DICKINSON SUBSTATION 1271 1636 117 122 WALNUT SPRINGS SUB 22460 643 112 WALNUT SPRINGS SUB 1277 1636 1779 112 WALNUT SPRINGS SUB 2210 583 219 0 VALNUT SPRINGS SUB 22285 219 742 1174 LACEN NOS SUBSTATION 1122 1122 1122 0 JT74 1226 561 141 1174 LAKE WHITOP SUB 12265 932 115 LAKE WHITOP SUB 1226 661 1174 LAKE WHITOP SUB 1226 6603 115 LAKE	76	35	WHITNEY SUB	22450	780	63.6487
52 SOUTH SUB 1103 1115 106 185 WHITEWRIGHT SUB 12574 751 185 WHITEWRIGHT SUB 12574 751 185 WHITEWRIGHT SUB 12574 751 185 WHITEWRIGHT SUB 22460 644 185 BRAZORIA SUBSTATION 1279 1779 177 90 DICKINSON SUBSTATION 1277 1636 112 WALNUT SPRINGS SUB 2210 583 1779 90 DICKINSON SUBSTATION 1277 1636 1779 91 172 BRAZORIS SUB 2210 583 97 SUEENY SUBSTATION 1227 1636 1779 90 DICKINSON SUBSTATION 1729 742 1590 174 95 SWEENY SUBSTATION 1226 651 1590 177 164 1228 MALVIN SUB 12355 932 1590 115 LAKE WHITNEY SUB 1236 1504 1504 1504	77	164	JONES STREET SUB	1411	1977	59.7269
106 WHITEWRIGHT SUB 12574 751 185 0 185 WHITNEY SUB 12574 751 185 0 185 WHITNEY SUB 22460 644 116 0 DICKINSON SUBSTATION 1291 800 116 0 DICKINSON SUBSTATION 1279 1779 116 00 DICKINSON SUBSTATION 1277 1636 122 00 DICKINSON SUBSTATION 1277 1636 122 07 DICKINSON SUBSTATION 1277 1636 122 07 DICKINSON SUBSTATION 1129 742 112 07 DICKINSON SUBSTATION 1129 742 07 95 GLEN ROSE SUB 22285 219 07 174 1204 1590 142 115 LAMARQUE SUBSTATION 1204 1590 115 LATTOP SUB 12355 932 116 LAKE WHITNEY SUB 1234 1504 1	78	52	SOUTHSUB	1103	1115	55.8215
185 WHITNEY SUB 22460 64 60 BRAZORIA SUBSTATION 1291 800 90 DICKINSON SUBSTATION 1279 1779 90 DICKINSON SUBSTATION 1277 1636 91 779 1779 1779 92 WALNUT SPRINGS SUB 2210 583 97 202 SWEENY SUBSTATION 1277 1636 97 VALNUT SPRINGS SUB 2210 583 219 97 SWEENY SUBSTATION 1129 742 742 95 IARARQUE SUBSTATION 1129 742 742 95 LAMARQUE SUBSTATION 1266 651 142 115 LAMARQUE SUBSTATION 1266 651 1590 116 LAMARQUE SUBSTATION 1266 651 1590 115 LARENY SUB 1204 1590 1236 932 115 LARENAY SUB 1274 1504 1504 115 ALVIN SUB 22305	79	106	WHITEWRIGHT SUB	12574	751	54.7364
60 BRAZORIA SUBSTATION 1291 800 116 90 DICKINSON SUBSTATION 1277 1636 122 90 DICKINSON SUBSTATION 1277 1636 122 00 DICKINSON SUBSTATION 1277 1636 122 00 DICKINSON SUBSTATION 1277 1636 122 07 97 2210 583 07 95 GLEN ROSE SUB 22285 219 742 07 95 SWEENY SUBSTATION 1129 742 742 08 174 1266 651 1590 742 08 IAARAQUE SUBSTATION 1266 651 1590 663 115 LAMARQUE SUBSTATION 1204 1590 663 932 116 LAMARQUE SUBSTATION 1204 1590 663 932 116 LAMARQUE SUBSTATION 1204 1204 1590 663 115 LAKE WHITNEY SUB ALVIN SUB 2270 <t< td=""><td>80</td><td>185</td><td>WHITNEY SUB</td><td>22460</td><td>644</td><td>52.9565</td></t<>	80	185	WHITNEY SUB	22460	644	52.9565
116 DICKINSON SUBSTATION 1279 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1636 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1779 1636 1779 1729 1742 1720 1786 1570 1570 1570 1570 1570 1570 1570 1570 1570 1571 1571 1574 1504 1504 1 </td <td>81</td> <td>60</td> <td>BRAZORIA SUBSTATION</td> <td>1291</td> <td>800</td> <td>52.5238</td>	81	60	BRAZORIA SUBSTATION	1291	800	52.5238
90 DICKINSON SUBSTATION 1277 1636 122 122 WALNUT SPRINGS SUB 2210 583 97 97 WALNUT SPRINGS SUB 2210 583 97 97 WALNUT SPRINGS SUB 2210 583 97 97 WALNUT SPRINGS SUB 2210 583 97 95 GLEN ROSE SUB 22285 219 97 95 B/T 1129 742 95 174 1159 1266 651 174 174 1266 651 1269 174 115 LAKE WHITNEY SUB 12355 932 115 LAKE WHITNEY SUB 12355 932 1504 115 ALVIN SUB 12355 932 1504 115 ALVIN SUB 1274 1504 1504 110 213 ALVIN SUB 2270 467 173 92 GLEN ROSE SUB 2200 440 173 173	82	116	DICKINSON SUBSTATION	1279	1779	51.6807
122 WALNUT SPRINGS SUB 2210 583 202 97 202 583 219 583 97 97 6LEN ROSE SUB 22285 219 742 97 97 542 1129 742 742 95 174 11266 651 1590 742 95 174 1204 1590 742 742 95 174 1700 1204 1590 651 115 LAKE WHITNEY SUB 1204 1590 663 932 213 ALVIN SUB 12355 932 663 932 213 ALVIN SUB 1274 1504 1504 23 24 CLIMAX SUB 2270 467 37 UKAINUT SPRINGS SUB 22305 841 173 92 CLIMAX SUB 2200 440 173 173 14631 4167 415 173 173 FREWAY PARK SUBSTATION <td>83</td> <td>66</td> <td>DICKINSON SUBSTATION</td> <td>1277</td> <td>1636</td> <td>51.3142</td>	83	66	DICKINSON SUBSTATION	1277	1636	51.3142
202 Clen Rose Sub 22285 219 97 97 97 742 87 95 Sweeny Substation 1129 742 95 174 1266 651 1590 174 174 1204 1590 61 174 174 1204 1590 61 174 174 202 56P03 61 175 115 Lake WHITNEY SUB 26P03 61 115 LAKE WHITNEY SUB 12355 932 213 JUIN SUB 1259 663 213 JUIN SUB 1259 663 213 JUIN SUB 1259 663 213 DICKINSON SUBSTATION 1274 1504 24 CLIMAX SUB 2270 467 92 WALNUT SPRINGS SUB 22305 841 173 173 14631 415 173 173 14631 415 173 FREEWA	84	122	WALNUT SPRINGS SUB	2210	583	50.8679
97 SWEENY SUBSTATION 1129 742 87 B7 DICKINSON SUBSTATION 1266 651 95 174 1266 651 1590 174 174 1204 1590 61 174 FLAT TOP SUB 26P03 61 1590 115 LAKE WHITNEY SUB 26P03 61 1590 115 LAKE WHITNEY SUB 26P03 61 1590 213 ALVIN SUB 12355 932 932 213 ALVIN SUB 1259 663 932 213 DICKINSON SUBSTATION 1274 1504 235 54 DICKINSON SUBSTATION 1274 1504 24 CLIMAX SUB 2270 467 1504 37 UALNUT SPRINGS SUB 22305 841 415 173 I73 LEONARD SUB 14631 415 173 FREEWAY PARK SUBSTATION 14631 415	85	202	GLEN ROSE SUB	22285	219	50.4612
87 DICKINSON SUBSTATION 1266 651 95 174 1590 1590 174 174 FLAT TOP SUB 1204 1590 115 LAKE WHITNEY SUB 26P03 61 1590 115 LAKE WHITNEY SUB 26P03 61 1590 115 LAKE WHITNEY SUB 12355 932 932 213 ALVIN SUB 1259 663 932 213 ALVIN SUB 1274 1504 1504 24 DICKINSON SUBSTATION 1274 1504 467 24 CLIMAX SUB 2270 467 467 92 GLEN ROSE SUB 22305 841 416 173 IT3 LEONARD SUB 14631 415 173 FREEWAY PARK SUBSTATION 14631 415	86	97	SWEENY SUBSTATION	1129	742	49.3491
95 LAMARQUE SUBSTATION 1204 1590 174 FLAT TOP SUB ELAT TOP SUB 61 115 LAKE WHITNEY SUB 26P03 61 213 ALVIN SUB 12355 932 213 ALVIN SUB 12355 932 213 ALVIN SUB 12355 932 54 DICKINSON SUBSTATION 12355 932 24 Z4 CLIMAX SUB 2270 467 92 WALNUT SPRINGS SUB 22305 841 415 173 IT3 LEONARD SUB 14631 415 173 FREEWAY PARK SUBSTATION 1103 1428	87	87	DICKINSON SUBSTATION	1266	651	48.3717
174 FLAT TOP SUB 26P03 61 115 LAKE WHITNEY SUB 26P03 61 213 LAKE WHITNEY SUB 12355 932 213 ALVIN SUB 1259 663 54 DICKINSON SUBSTATION 1274 1504 24 CLIMAX SUB 2270 467 92 WALNUT SPRINGS SUB 22305 841 173 LEONARD SUB 14631 415 173 FREEWAY PARK SUBSTATION 1103 1428	88	95	LAMARQUE SUBSTATION	1204	1590	48.1553
115 LAKE WHITNEY SUB 12355 932 213 213 ALVIN SUB 1259 663 54 ALVIN SUB 1259 663 54 DICKINSON SUBSTATION 1274 1504 24 CLIMAX SUB 2270 467 92 GLEN ROSE SUB 22305 841 37 LEONARD SUB 14631 415 173 FREEWAY PARK SUBSTATION 14631 415 42 FREEWAY PARK SUBSTATION 1103 1428	89	174	FLAT TOP SUB	26P03	61	46.5082
213 ALVIN SUB 1259 663 54 54 DICKINSON SUBSTATION 1274 1504 24 24 CLIMAX SUB 2270 467 92 GLEN ROSE SUB 22305 841 173 TREEWAY PARK SUBSTATION 14631 415 42 FREEWAY PARK SUBSTATION 1103 1428	6	115	LAKE WHITNEY SUB	12355	932	45.8723
54 DICKINSON SUBSTATION 1274 1504 24 24 CLIMAX SUB 2270 467 92 GLEN ROSE SUB 22305 841 37 WALNUT SPRINGS SUB 2200 440 173 LEONARD SUB 14631 415 42 FREEWAY PARK SUBSTATION 1103 1428	91	213	ALVIN SUB	1259	663	44.6667
24 CLIMAX SUB 2270 467 92 92 GLEN ROSE SUB 22305 841 37 WALNUT SPRINGS SUB 2200 440 173 LEONARD SUB 14631 415 42 FREEWAY PARK SUBSTATION 1103 1428	92	54	DICKINSON SUBSTATION	1274	1504	44.3723
92 GLEN ROSE SUB 22305 841 37 WALNUT SPRINGS SUB 2200 440 173 LEONARD SUB 14631 415 42 FREEWAY PARK SUBSTATION 1103 1428	93	24	CLIMAX SUB	2270	467	43.0664
37 WALNUT SPRINGS SUB 2200 440 173 LEONARD SUB 14631 415 42 FREEWAY PARK SUBSTATION 1103 1428	94	92	GLEN ROSE SUB	22305	841	42.5339
173 LEONARD SUB 14631 415 42 FREEWAY PARK SUBSTATION 1103 1428	95	37	WALNUT SPRINGS SUB	2200	440	41.3
42 FREEWAY PARK SUBSTATION 1103 1428	96	173	LEONARD SUB	14631	415	41.1687
	97	42	FREEWAY PARK SUBSTATION	1103	1428	40.937

			Feeder	Number of	2005 SAIDI
Ranking	Ranking	Substation Identification	Identification	Customers	Value
98	22	16TH STREET SUB	12F71	1113	40.1159
66	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	SWEENY 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

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2005 SAIDI 2004 S/	2004 SAIDI		Faadar	Number of	
Ranking	Ranking	Substation Identification	Identification	Customers	
132		ANGLETON SUBSTATION	1243	1364	24.3094
133	237	HAMILTON CITY SUB	23820	371	24.186
134	245	HAMILTON CITY SUB	22785	272	23.6949
135	207	JONES STREET SUB	1412	438	22.9338
136	155	LAKE WHITNEY SUB	1230	557	22.0682
137	130	FRIENDSWOOD SUBSTATION	1251	1756	21.6287
138	183	LONE OAK SUB	13384	394	21.4619
139	233	MAGNOLIA SUBSTATION	1148	1246	20.3339
140	98	LAMARQUE SUBSTATION	1202	1092	20.2656
141	131	LAMARQUE SUBSTATION	1203	455	20.1077
142	143	BRAZORIA SUBSTATION	1290	815	19.5988
143	30	OLNEY SUB	1690	481	19.3638
144	108		1295	1604	19.3572
145	215	WEST COLUMBIA LOCAL SUBSTATION	1237	827	18.555
146	133	SWEENY SUBSTATION	1128	1517	18.5445
147	187	TEJAS SUBSTATION	1217	710	18.2761
148	103	LEAGUE CITY MAIN SUBSTATION	1283	1521	18.1723
149	121	PECOS MAIN SUB	12P362	712	17.8301
150	117	WHITEWRIGHT SUB	12698	1120	17.6464
151	38	OLNEY SUB	1695	631	17.5816
152	178	SOUTH SHORE SUBSTATION	1194	1294	17.5417
153	39	OLNEY SUB	1685	713	17.324
154	203	HAMILTON CITY SUB	22780	826	17.0666
155	12	BELDING SUB	12F161	47	16.8298
156	181	CLIFTON 1 22KV SUB	22495	331	16.1934
157	61	HEIGHTS SUBSTATION	1132	1146	15.8342
158	56	SOUTH SUB	1104	3288	15.8248
159	13	HEIGHTS SUBSTATION	1134	930	15.7194
160	47	BRAZORIA SUBSTATION	1271	1463	15.7027
161	235	COCHISE SUB	25P47	23	15.5217
162	165	WEST SUB	1235	1314	15.2618
163	153	REEVES CO. NO. 4 SUB	12P28	92	15.1522
164	17	ANGLETON SUBSTATION	1241	1277	14.8794
165	167	LEAGUE CITY MAIN SUBSTATION	1284	695	14.7928

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2005 SAIDI	2004 SAIDI	Cubettion Identification	Feeder	Number of	2005 SAIDI
Ranking	Ranking		Identification	Customers	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		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	93	NORTHSIDE SUBSTATION	1293	643	8.6796
195	251	SANDERSON SUB	4S27	103	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

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	2004 SAIDI	Substation Identification	Feeder	Number of	2005 SAIDI
Ranking	Ranking		Identification	Customers	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	99	6.4848
214	232	TALCO WEST SUB	13909	26	6.3846
215	б	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	e	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	CORYELL CO SUB	22155	635	4.0063
233	20	LONE OAK SUB	13388	60	4

2005 SAIDI	2004 SAIDI	C hototion Idontification	Feeder	Number of	2005 SAIDI
Ranking	Ranking	Substation Identification	Identification	Customers	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	17	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	CI EMENS DOME SURSTATION	1175	C V	. (

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

Provide the percentage of interruptions attributable to each cause.

2005 Reporting Year

Causes of Forced Interruptions	Percentage
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%