



Control Number: 46717



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PUBLIC UTILITY COMMISSION
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Service Quality Report

To The

Public Utility Commission of Texas

In Accordance With

16 Texas Admin. Code §25.81

2016 Reporting Year

TEXAS-NEW MEXICO POWER COMPANY

Project 46717

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 2016	0.6426	0.0185	0.0202	0.0225	0.0969	0.0982	0.0763	0.0880	0.0607	0.0472	0.0388	0.0194	0.0559
Scheduled 2016	0.0339	0.0002	0.0004	0.0006	0.0016	0.0068	0.0003	0.0084	0.0003	0.0032	0.0063	0.0002	0.0056
Outside Causes 2016	0.0577	0.0020	0.0069	0.0095	0.0041	0.0043	0.0243	0.0010	0.0011	0.0009	0.0002	0.0014	0.0020
Major Events 2016	0.0238			0.0152		0.0086							

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													
2016	61.270	1.723	1.611	2.232	8.187	9.951	6.930	10.401	5.995	3.481	3.331	2.617	4.811
Scheduled													
2016	1.218	0.018	0.055	0.025	0.094	0.147	0.027	0.361	0.029	0.167	0.057	0.014	0.224
Outside Causes													
2016	6.240	0.242	0.582	1.416	0.261	0.413	2.419	0.200	0.096	0.132	0.069	0.284	0.126
Major Events													
2016	14.865			3.022		11.843							

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

294

Add or Delete Rows as Necessary

2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
1	81	Friendswood Substation	1107	1,744	5.8319
2	269	Texas Instruments Substation	1033	2,265	4.0463
3	1	Flat Top Substation	26P03	73	3.9178
4	24	W.D. Faulkner Substation	12P259	111	3.4234
5	215	Sweeny Substation	1264	1,377	3.2926
6	253	Keystone Substation	12K434	47	2.6170
7	12	Cochise Substation	25P47	44	2.5909
8	128	Dickinson Substation	1279	1,955	2.4818
9	17	Krugerville Substation	2604	2,273	2.4518
10	72	California Substation	12K87	55	2.4000
11	74	Reeves County #4 Substation	12P28	120	2.4000
12	83	Kermit #2 Substation	12K98	303	2.3927
13	51	Winkler County #6 Substation	25K11	41	2.2439
14	29	Tejas Substation	1214	587	2.1959
15	209	Angleton Substation	1154	1,928	2.1545
16	277	California Substation	12K86	29	2.1379
17	101	Alvin Substation	1231	2,016	2.1274
18	42	Freeway Park Substation	1297	823	2.1142
19	134	Wickett Substation	12K449	212	2.1084
20	191	South Substation	1107	1,328	2.0760
21	57	Reeves County #4 Substation	13P37	222	2.0585
22	98	West Columbia Local Substation	1233	1,086	1.9125
23	35	Pecos Main Substation	12P362	523	1.9043
24	102	Red River Substation	2252	1,113	1.8930
25	158	Brazoria Substation	1271	1,761	1.6342
26	121	Nocona Substation	12486	162	1.6049
27	229	Lakepointe Substation	2508	384	1.5859
28	230	Kermit #2 Substation	12K48	583	1.5797
29	166	Magnolia Substation	1148	1,127	1.5607
30	164	Nocona Substation	13610	688	1.5595
31	18	Wickett Substation	12K446	38	1.5263
32	135	Northside Substation	1293	642	1.5124
33	130	League City Main Substation	1011	178	1.5000
34	78	La Marque Substation	1204	1,551	1.4468
35	100	Magnolia Substation	1145	432	1.4074
36	163	Friendswood Substation	1252	1,710	1.3713
37	13	Flat Top Substation	26P02	66	1.3636
38	117	Walnut Springs Substation	2210	459	1.3159
39	154	Flat Top Substation	26P01	169	1.2958
40	252	Olney Substation	1695	591	1.2690
41	77	Worsham Field Substation	13P97	89	1.2584
42	132	Hill County Substation	23340	590	1.2423
43	143	Angleton Substation	1242	546	1.2380
44	16	Hill County Substation	22125	463	1.2181
45	155	Alvin Substation	1232	1,260	1.1888
46	27	Cochise Substation	25P48	230	1.1826
47	82	Thurber Substation	1447	616	1.1801

Service Quality Report to the Public Utility Commission of Texas

2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
48	238	Hamilton City Substation	22785	384	1.1718
49	173	Dickinson Substation	1272	2,533	1.1709
50	246	Sweeny Substation	1263	561	1.1622
51	118	Meridian Substation	23210	829	1.1531
52	85	Angleton Substation	1245	746	1.1501
53	49	Keystone Substation	12K437	709	1.1495
54	184	Alvin Substation	1230	1,981	1.1256
55	214	Angleton Substation	1153	2,510	1.1203
56	142	Northside Substation	1228	1,153	1.1196
57	194	Magnolia Substation	1146	2,387	1.1189
58	241	Jones Street Substation	1411	1,757	1.1166
59	50	Meridian Substation	23205	366	1.1065
60	240	Texas Instruments Substation	1012	1,400	1.0828
61	9	South Substation	1102	1,457	1.0576
62	268	South Substation	1109	797	1.0426
63	38	Clifton #1 22KV Substation	22485	82	1.0365
64	263	Clifton #2 Substation	4160	501	1.0319
65	186	Valley Mills Substation	22570	447	1.0223
66	204	Sweeny Substation	1129	669	1.0209
67	63	Seminole Substation	1403	1,014	1.0187
68	228	West Substation	1223	2,385	1.0180
69	207	Gatesville #2 Substation	23065	524	1.0133
70	250	Kermit #2 Substation	4K06	218	1.0045
71	242	Kermit #2 Substation	4K07	326	1.0030
72	157	Seminole Substation	1404	2,020	1.0029
73	66	Sycamore Substation	24100	28	1.0000
74	206	Brazoria Substation	1290	1,018	0.9921
75	113	Alvin Substation	1115	2,127	0.9830
76	202	Whitney Substation	22455	665	0.9819
77	2	Hamilton City Substation	23825	325	0.9569
78	187	Valley Mills Substation	22575	658	0.9255
79	116	Angleton Substation	1240	1,594	0.9127
80	152	Glen Rose Substation	22300	1,139	0.8928
81	233	Pyote Substation	25P312	171	0.8479
82	30	Stafford Substation	13P50	399	0.7944
83	97	Petrolia Substation	12260	847	0.7685
84	61	Graham Substation	12605	126	0.7460
85	45	Magnolia Substation	1144	945	0.7386
86	212	Graham Substation	1245	145	0.7310
87	122	Northside Substation	1295	2,326	0.7244
88	43	Alvin Substation	1259	736	0.7201
89	70	Sycamore Substation	24105	147	0.7074
90	80	Dickinson Substation	1274	2,415	0.7068
91	75	Airport Substation	12F271	108	0.6944
92	88	Cochise Substation	12P637	107	0.6542
93	73	Worsham Field Substation	13P98	83	0.6506
94	225	Thurber Substation	1490	785	0.6165
95	71	Nocona Substation	13374	677	0.5923
96	22	Red River Substation	2229	356	0.5814
97	146	Blossom Substation	2203	1,377	0.5541
98	95	Whitney #2 Substation	22465	388	0.5438
99	76	Jones Street Substation	1433	1,027	0.5296

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2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
100	171	Tejas Substation	1212	286	0.5209
101	69	Nocona Substation	13370	688	0.5174
102	86	League City Main Substation	1282	2,023	0.5165
103	226	Bryson Substation	1230	438	0.5114
104	231	West Substation	1233	593	0.4806
105	104	South Shore Substation	1192	1,777	0.4738
106	153	La Marque Substation	1205	1,064	0.4671
107	140	Angleton Substation	1155	1,077	0.4633
108	19	Red River Substation	2262	75	0.4533
109	124	Lone Oak Substation	13388	473	0.4524
110	110	Friendswood Substation	1109	1,971	0.4414
111	162	Friendswood Substation	1108	1,309	0.4407
112	114	Freeway Park Substation	1101	1,586	0.4369
113	217	West Substation	1235	1,528	0.4339
114	195	Heights Substation	1132	2,277	0.4185
115	6	Glen Rose Substation	22285	392	0.4041
116	23	Freeway Park Substation	1299	857	0.3955
117	270	Olney Substation	1685	466	0.3862
118	107	Leonard Substation	12678	525	0.3809
119	211	West Columbia Local Substation	1237	787	0.3761
120	90	Pecos Main Substation	12P03	433	0.3741
121	174	League City Main Substation	1012	1,152	0.3723
122	224	Lone Oak Substation	13384	369	0.3712
123	41	IH-20 Substation	12P566	558	0.3691
124	237	West Columbia Local Substation	1234	1,081	0.3598
125	40	Brazoria Substation	1291	696	0.3591
126	67	Angleton Substation	1244	1,302	0.3540
127	4	Dickinson Substation	1267	1,842	0.3490
128	138	League City Main Substation	1285	1,239	0.3446
129	159	Heights Substation	1222	626	0.3434
130	179	La Marque Substation	1203	464	0.3426
131	129	Whitney Substation	22450	517	0.3404
132	84	La Marque Substation	1201	910	0.3296
133	189	Tolar Substation	25860	561	0.3262
134	203	Clifton #1 22KV Substation	22480	126	0.3253
135	175	Heights Substation	1224	1,575	0.3238
136	210	Tejas Substation	1215	1,520	0.3197
137	219	Sweeny Substation	1128	1,548	0.3087
138	54	South Bend Substation	1300	166	0.3072
139	5	Deport Substation (ONCOR)	22164	582	0.2972
140	160	Brazoria Substation	1270	1,035	0.2966
141	26	Freeway Park Substation	1103	1,461	0.2943
142	136	Lone Star Substation	25P174	34	0.2941
143	176	Hamilton City Substation	22780	661	0.2919
144	149	La Marque Substation	1202	1,082	0.2911
145	125	Blossom Substation	2207	121	0.2892
146	108	Emory Substation (ONCOR)	1201	933	0.2870
147	58	South Substation	1108	1,936	0.2789
148	188	South Substation	1103	1,589	0.2769
149	87	League City Main Substation	1283	2,054	0.2745
150	96	Friendswood Substation	1251	1,787	0.2742
151	103	Krugerville Substation	2608	2,038	0.2703

Service Quality Report to the Public Utility Commission of Texas.

2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
152	192	Handley Substation	22825	485	0.2680
153	167	Angleton Substation	1243	1,341	0.2662
154	245	Lone Star Substation	25P171	64	0.2656
155	182	Hamilton County Substation	2345	208	0.2644
156	20	Dickinson Substation	1277	1,703	0.2583
157	123	Alvin Substation	1117	1,472	0.2567
158	33	IH-20 Substation	12P563	211	0.2559
159	28	Tejas Substation	1217	143	0.2517
160		Westminster Substation	15804	393	0.2468
161	221	Heights Substation	1134	924	0.2402
162	14	League City Main Substation	1010	1,029	0.2390
163	147	Angleton Substation	1241	1,609	0.2361
164	36	Alvin Substation	1257	1,951	0.2347
165	120	Alvin Substation	1254	1,818	0.2216
166	183	South Shore Substation	1190	2,553	0.2181
167	52	Saint Jo Substation	15757	400	0.2150
168	91	Dickinson Substation	1266	644	0.2049
169	55	Magnolia Substation	1149	1,158	0.2037
170	151	Northside Substation	1294	1,084	0.2029
171	141	Pyote Substation	25P217	104	0.2019
172	7	Hico City Substation	390	273	0.1978
173	31	Freeway Park Substation	1298	2,168	0.1932
174		Farmersville West Substation	23568	16	0.1875
175	89	Friendswood Substation	1253	922	0.1854
176	279	Clifton #2 Substation	24370	225	0.1822
177	144	Northside Substation	1292	780	0.1756
178	227	Kermit #1 Substation	4K02	233	0.1716
179	44	Jones Street Substation	1431	898	0.1659
180	37	Coryell County Substation	22365	928	0.1648
181	216	West Columbia Local Substation	1235	799	0.1564
182	48	Hamilton City Substation	23820	202	0.1534
183	234	Pecos Main Substation	12P02	1,115	0.1515
184	92	Seminole Substation	1402	1,455	0.1498
185	139	Hamilton County Substation	2340	147	0.1496
186	180	South Shore Substation	1196	1,356	0.1482
187	109	Coryell County Substation	22160	75	0.1466
188	79	Hamilton County Substation	24015	612	0.1421
189	62	Lakepointe Substation	2516	909	0.1419
190	93	Gatesville #2 Substation	22725	487	0.1416
191	198	South Shore Substation	1194	2,257	0.1400
192	262	West Substation	1234	1,498	0.1368
193	21	Hico City Substation	395	526	0.1368
194	243	League City Main Substation	1280	1,478	0.1366
195	273	Stafford Substation	12P83	407	0.1351
196	64	Lakepointe Substation	2536	1,477	0.1299
197	264	Thurber Substation	22890	408	0.1299
198	244	Old Ocean Substation	1261	196	0.1275
199	197	Texas Instruments Substation	1032	3,588	0.1198
200	119	Old Ocean Substation	1260	76	0.1184
201	239	16th Street Substation	12F72	457	0.1181
202	248	Handley Substation	22820	68	0.1176
203		Old Ocean Substation	1262	501	0.1097

Service Quality Report to the Public Utility Commission of Texas

2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
204	200	Whitewright Substation	12698	916	0.1091
205	161	Leonard Substation	14631	451	0.1086
206	190	Freeway Park Substation	1102	1,118	0.1082
207	126	La Marque Substation	1110	377	0.1061
208		Pecos Main Substation	12P366	312	0.1057
209	255	Walnut Springs Substation	2215	120	0.1000
210	156	Blue Ridge Substation	22700	478	0.0983
211	172	16th Street Substation	12F71	1,098	0.0910
212	46	Lakepointe Substation	2512	2,533	0.0840
213	281	West Substation	1203	911	0.0834
214	59	Pecos Main Substation	12P01	212	0.0801
215	68	Gomez Substation	25F05	25	0.0800
216	137	West Substation	1222	1,435	0.0780
217	254	Sanderson Substation	4S27	104	0.0769
218	185	South Substation	1104	3,519	0.0755
219	220	Belding Substation	12F161	40	0.0750
220	15	Coryell County Substation	22155	851	0.0693
221	10	League City Main Substation	1284	3,524	0.0678
222	177	Downtown 12.5KV Substation	12F520	340	0.0676
223	150	Nocona Substation	12490	314	0.0668
224	65	Walnut Springs Substation	1270	49	0.0612
225	105	Lake Whitney Substation	1230	500	0.0600
226	272	Bryson Substation	1233	185	0.0594
227	131	Airport Substation	12F44	893	0.0571
228	39	South Shore Substation	1195	1,165	0.0566
229	236	West Substation	1221	1,917	0.0537
230	56	Lakepointe Substation	2540	563	0.0532
231	201	Belding Substation	12F164	19	0.0526
232	223	Downtown 12.5KV Substation	12F114	620	0.0500
233	274	Gatesville #1 Substation	413	153	0.0457
234	165	Lake Whitney Substation	12355	864	0.0439
235	271	West Substation	1202	999	0.0430
236	168	Saint Jo Substation	15761	215	0.0418
237	249	Downtown 12.5KV Substation	12F130	1,025	0.0409
238	266	South Shore Substation	1191	1,541	0.0408
239	205	Glen Rose Substation	23875	851	0.0387
240	256	Stafford Substation	12P50	326	0.0368
241	148	Magnolia Substation	1150	853	0.0339
242	258	Kermit #1 Substation	4K04	479	0.0334
243	170	Walnut Springs Substation	2200	387	0.0310
244	34	Alvin Substation	1116	2,021	0.0306
245	178	Whitewright Substation	13563	338	0.0295
246	276	Meridian Substation	690	247	0.0283
247	193	Valley Mills Substation	22565	429	0.0256
248	275	Stafford Substation	12P82	314	0.0222
249	282	Puckett Substation	25F14	54	0.0185
250	112	League City Main Substation	1281	953	0.0178
251	196	West Substation	1201	706	0.0169
252	286	Olney Substation	1690	432	0.0162
253	111	Airport Substation	12F725	770	0.0155
254	47	Jones Street Substation	1413	78	0.0128

Service Quality Report to the Public Utility Commission of Texas

2016 SAIFI Ranking	2015 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIFI Value
255	94	Glen Rose Substation	22295	782	0.0115
256	169	Whitewright Substation	12573	188	0.0106
257	181	Glen Rose Substation	22305	284	0.0105
258	199	Jones Street Substation	1412	478	0.0104
259	247	Gatesville #1 Substation	422	207	0.0096
260	232	Longneck Substation	23130	1,315	0.0083
261	265	Texas Instruments Substation	1013	1,833	0.0081
262	213	Kermit #1 Substation	4K03	251	0.0079
263	251	Meridian Substation	680	306	0.0065
264		Butler Road Substation	1436	3,104	0.0064
265	8	Gatesville #2 Substation	429	334	0.0059
266	218	Trenton Substation	4120	209	0.0047
267	261	Sanderson Substation	4S26	231	0.0043
268	3	Whitewright Substation	12575	728	0.0041
269	11	Whitewright Substation	12574	296	0.0033
270		Farmersville West Substation	23560	480	0.0020
271	32	Climax Substation	22110	1,065	0.0018
272	145	Longneck Substation	23126	1,151	0.0017
273	133	Leonard Substation	14635	507	0.0000
274	278	Clifton #2 Substation	4165	309	0.0000
275	285	Clifton #1 4KV Substation	490	26	0.0000
276	283	Clifton #1 4KV Substation	407	126	0.0000
277	267	Clifton #1 4KV Substation	405	230	0.0000
278	208	Clifton #1 22KV Substation	22495	337	0.0000
279		Butler Road Substation	1437	153	0.0000
280	260	Gatesville #2 Substation	426	213	0.0000
281	222	Leonard Substation	12682	245	0.0000
282	106	Gomez Substation	25F61	19	0.0000
283	99	Puckett Substation	25F18	31	0.0000
284	259	Clifton #2 Substation	23165	83	0.0000
285	280	Whitney #2 Substation	22460	528	0.0000
286	257	16th Street Substation	13F14	339	0.0000
287	287	Lakepointe Substation	2524	674	0.0000

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

294

Add or Delete Rows as Necessary

2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
1	283	California Substation	12K86	29	1,574.3103
2	253	Keystone Substation	12K434	47	1,086.0212
3	123	Winkler County #6 Substation	25K11	41	470.3170
4	3	W.D. Faulkner Substation	12P259	111	386.5585
5	52	Friendswood Substation	1107	1,744	338.8319
6	2	Flat Top Substation	26P03	73	337.2876
7	263	Texas Instruments Substation	1033	2,265	332.5496
8	110	Magnolia Substation	1145	432	319.0393
9	18	Wickett Substation	12K446	38	319.0263
10	29	California Substation	12K87	55	309.4909
11	228	Sweeny Substation	1264	1,377	299.2752
12	53	Reeves County #4 Substation	12P28	120	278.6083
13	46	Wickett Substation	12K449	212	256.6226
14	5	Cochise Substation	25P47	44	254.6363
15	24	Reeves County #4 Substation	13P37	222	249.6171
16	243	Sweeny Substation	1263	561	235.4741
17	215	Lakepointe Substation	2508	384	234.0104
18	134	Flat Top Substation	26P01	169	225.5266
19	156	Valley Mills Substation	22575	658	212.8662
20	9	Flat Top Substation	26P02	66	206.9242
21	119	South Substation	1107	1,328	205.9646
22	63	Krugerville Substation	2604	2,273	202.3462
23	236	Angleton Substation	1154	1,928	198.4304
24	133	Cochise Substation	12P637	107	195.7943
25	233	Texas Instruments Substation	1012	1,400	190.0942
26	58	Tejas Substation	1214	587	187.9250
27	173	Brazoria Substation	1271	1,761	177.1357
28	82	Alvin Substation	1231	2,016	172.8422
29	198	Nocona Substation	13610	688	164.1511
30	25	South Substation	1102	1,457	161.0089
31	138	Friendswood Substation	1252	1,710	159.5233
32	127	Walnut Springs Substation	2210	459	156.2461
33	205	Lone Oak Substation	13384	369	151.5013
34	32	Worsham Field Substation	13P97	89	149.8202
35	88	Magnolia Substation	1148	1,127	149.1721
36	129	West Columbia Local Substation	1233	1,086	146.6611
37	65	Freeway Park Substation	1297	823	145.2211
38	195	Pyote Substation	25P312	171	143.0818
39	150	Glen Rose Substation	22300	1,139	140.7243
40	131	Seminole Substation	1404	2,020	140.6049
41	59	Red River Substation	2252	1,113	139.3504
42	103	Dickinson Substation	1279	1,955	133.3636
43	241	Jones Street Substation	1411	1,757	133.0535
44	109	Stafford Substation	13P50	399	131.5563
45	197	Gatesville #2 Substation	23065	524	131.1259
46	126	Kermit #2 Substation	12K98	303	125.4686
47	154	Nocona Substation	12486	162	123.2345

Service Quality Report to the Public Utility Commission of Texas

2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
48	262	Clifton #2 Substation	4160	501	121.4091
49	36	Red River Substation	2229	356	118.8960
50	83	Thurber Substation	1447	616	114.8425
51	206	Sweeny Substation	1129	669	114.1076
52	246	Olney Substation	1695	591	113.6125
53	96	Nocona Substation	13374	677	113.0930
54	121	Northside Substation	1295	2,326	113.0631
55	217	West Substation	1223	2,385	106.3832
56	180	Alvin Substation	1230	1,981	103.4502
57	81	La Marque Substation	1204	1,551	102.6937
58	100	Alvin Substation	1259	736	98.8355
59	136	Pyote Substation	25P217	104	97.2500
60	112	Northside Substation	1293	642	96.8629
61	60	Whitney Substation	22455	665	94.0616
62	175	Angleton Substation	1242	546	92.5952
63	67	Seminole Substation	1403	1,014	92.5779
64	194	League City Main Substation	1011	178	92.0056
65	76	South Shore Substation	1192	1,777	91.4389
66	153	Worsham Field Substation	13P98	83	90.7349
67	106	Alvin Substation	1115	2,127	90.5881
68	78	Dickinson Substation	1274	2,415	89.8198
69	42	Meridian Substation	23210	829	89.6779
70	229	Kermit #2 Substation	12K48	583	88.0789
71	147	Angleton Substation	1240	1,594	85.5966
72	45	South Substation	1108	1,936	83.2778
73	7	Cochise Substation	25P48	230	81.5217
74	49	Sycamore Substation	24100	28	81.0000
75	38	Petrolia Substation	12260	847	80.8819
76	13	Graham Substation	12605	126	79.7301
77	146	Alvin Substation	1232	1,260	79.4650
78	186	Magnolia Substation	1146	2,387	75.2006
79	33	Whitney #2 Substation	22465	388	74.9974
80	165	Tejas Substation	1212	286	72.0314
81	192	West Substation	1233	593	70.9510
82	184	Heights Substation	1132	2,277	70.3188
83	51	Hill County Substation	23340	590	70.2254
84	90	Lone Oak Substation	13388	473	70.1078
85	238	Angleton Substation	1153	2,510	68.8808
86	221	Bryson Substation	1230	438	68.0616
87	167	Dickinson Substation	1272	2,533	68.0189
88	143	Angleton Substation	1245	746	67.8096
89	54	Airport Substation	12F271	108	67.5555
90	174	La Marque Substation	1203	464	66.6508
91	87	Clifton #1 22KV Substation	22485	82	66.1829
92	257	Hamilton City Substation	22785	384	66.0390
93	141	Blossom Substation	2203	1,377	62.6267
94	8	Hill County Substation	22125	463	59.6825
95	19	Red River Substation	2262	75	59.2933
96	224	Sweeny Substation	1128	1,548	59.2622
97		Westminster Substation	15804	393	59.2366
98	220	Graham Substation	1245	145	58.1724
99	34	Pecos Main Substation	12P362	523	57.1797

Service Quality Report to the Public Utility Commission of Texas

2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
100	120	Pecos Main Substation	12P03	433	56.8568
101	57	Friendswood Substation	1251	1,787	56.5293
102	102	Sycamore Substation	24105	147	56.2721
103	99	Northside Substation	1228	1,153	56.0971
104	111	La Marque Substation	1205	1,064	55.7650
105	39	Magnolia Substation	1144	945	55.1174
106	132	South Substation	1103	1,589	53.6393
107	117	Jones Street Substation	1433	1,027	53.4264
108	124	Friendswood Substation	1109	1,971	51.9502
109	89	Freeway Park Substation	1101	1,586	51.5340
110	232	Brazoria Substation	1290	1,018	50.8781
111	169	Hamilton County Substation	2345	208	48.5048
112	44	Blossom Substation	2207	121	48.3884
113	23	Dickinson Substation	1267	1,842	47.5217
114	261	South Substation	1109	797	46.7540
115	10	Hamilton City Substation	23825	325	45.9415
116	135	Keystone Substation	12K437	709	45.1495
117	74	Saint Jo Substation	15757	400	44.7500
118	72	Freeway Park Substation	1299	857	43.8926
119	1	Glen Rose Substation	22285	392	42.2388
120	166	Friendswood Substation	1108	1,309	41.6478
121	239	Thurber Substation	1490	785	41.5031
122	240	West Columbia Local Substation	1234	1,081	40.8519
123	62	Dickinson Substation	1277	1,703	40.3247
124	118	Whitney Substation	22450	517	40.3210
125	210	Handley Substation	22825	485	40.1649
126	79	Jones Street Substation	1431	898	38.7895
127	114	Heights Substation	1222	626	38.6805
128	93	La Marque Substation	1201	910	38.1890
129	230	West Columbia Local Substation	1237	787	38.1194
130	84	League City Main Substation	1282	2,023	37.4315
131	164	League City Main Substation	1012	1,152	36.6935
132	80	Alvin Substation	1117	1,472	35.5495
133	201	West Substation	1235	1,528	35.1910
134	162	Heights Substation	1224	1,575	34.5504
135	64	Freeway Park Substation	1298	2,168	34.2357
136	207	Tejas Substation	1215	1,520	34.2309
137	17	Alvin Substation	1257	1,951	34.1968
138	66	League City Main Substation	1283	2,054	33.8622
139	14	Deport Substation (ONCOR)	22164	582	32.4896
140	203	Clifton #1 22KV Substation	22480	126	32.2698
141	48	Freeway Park Substation	1103	1,461	31.4291
142	269	Olney Substation	1685	466	31.1909
143	40	Meridian Substation	23205	366	30.9043
144	235	Kermit #2 Substation	4K06	218	30.5642
145	202	Valley Mills Substation	22570	447	30.5369
146	244	Kermit #2 Substation	4K07	326	30.0705
147	41	South Bend Substation	1300	166	28.9939
148	125	Emory Substation (ONCOR)	1201	933	28.8849
149	113	IH-20 Substation	12P566	558	28.6164
150	94	Nocona Substation	13370	688	28.4171
151	214	Heights Substation	1134	924	28.3625

Service Quality Report to the Public Utility Commission of Texas

2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
152	55	Lone Star Substation	25P174	34	28.1764
153	179	South Shore Substation	1190	2,553	28.0364
154	185	Angleton Substation	1155	1,077	27.6722
155	70	Angleton Substation	1244	1,302	27.3671
156	152	League City Main Substation	1285	1,239	27.2719
157	216	West Substation	1221	1,917	26.5983
158	237	Lone Star Substation	25P171	64	26.3281
159	16	Tejas Substation	1217	143	26.2727
160	73	Dickinson Substation	1266	644	26.2313
161	148	Brazoria Substation	1270	1,035	25.8154
162	160	Leonard Substation	12678	525	25.7752
163	68	Brazoria Substation	1291	696	25.1982
164	128	Krugerville Substation	2608	2,038	22.5961
165	190	Hamilton City Substation	22780	661	22.4039
166	177	Tolar Substation	25860	561	22.2174
167	137	La Marque Substation	1110	377	20.0053
168	75	Hamilton County Substation	24015	612	19.9003
169	149	Northside Substation	1292	780	19.5846
170	85	Alvin Substation	1254	1,818	19.5583
171	6	Hico City Substation	390	273	19.1831
172	11	Hico City Substation	395	526	18.5684
173	50	Old Ocean Substation	1260	76	18.3552
174	116	La Marque Substation	1202	1,082	17.7707
175	104	Northside Substation	1294	1,084	17.6245
176	181	Angleton Substation	1243	1,341	17.3862
177	86	IH-20 Substation	12P563	211	17.3222
178	234	Handley Substation	22820	68	17.0588
179	272	Clifton #2 Substation	24370	225	16.7644
180	252	League City Main Substation	1280	1,478	16.6610
181	168	Angleton Substation	1241	1,609	16.2790
182	178	Leonard Substation	14631	451	15.9467
183	254	West Substation	1234	1,498	15.3845
184	31	Coryell County Substation	22365	928	14.9967
185	107	Coryell County Substation	22160	75	14.6666
186	91	Magnolia Substation	1149	1,158	14.3842
187		Farmersville West Substation	23568	16	13.9375
188	193	Blue Ridge Substation	22700	478	13.9016
189	130	Hamilton County Substation	2340	147	13.3673
190	12	League City Main Substation	1010	1,029	12.7939
191	251	Walnut Springs Substation	2215	120	12.1333
192	157	Texas Instruments Substation	1032	3,588	12.1256
193	142	Lakepointe Substation	2536	1,477	12.0176
194	188	16th Street Substation	12F71	1,098	11.8324
195	105	West Substation	1222	1,435	11.0139
196	98	South Shore Substation	1195	1,165	10.7296
197	248	Downtown 12.5KV Substation	12F130	1,025	10.5892
198	77	Seminole Substation	1402	1,455	9.9876
199	274	West Substation	1203	911	9.8474
200	15	Gomez Substation	25F05	25	9.4400
201	196	South Shore Substation	1194	2,257	9.3686
202	191	South Shore Substation	1196	1,356	9.3488
203	223	Pecos Main Substation	12P02	1,115	9.2825

Service Quality Report to the Public Utility Commission of Texas

2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
204	171	South Substation	1104	3,519	8.9982
205	95	Friendswood Substation	1253	922	8.8210
206	108	Gatesville #2 Substation	22725	487	8.4948
207	159	Freeway Park Substation	1102	1,118	8.4105
208	43	League City Main Substation	1284	3,524	8.3237
209	231	West Columbia Local Substation	1235	799	7.9724
210	28	Hamilton City Substation	23820	202	7.8712
211	92	Lakepointe Substation	2512	2,533	7.7623
212	101	Lakepointe Substation	2516	909	7.7183
213	267	Kermit #1 Substation	4K02	233	7.6137
214	199	Whitewright Substation	12698	916	7.5655
215	271	Bryson Substation	1233	185	7.0108
216	26	Coryell County Substation	22155	851	6.3172
217	287	Meridian Substation	690	247	6.2510
218	270	Thurber Substation	22890	408	6.1225
219	247	Old Ocean Substation	1261	196	6.1224
220		Old Ocean Substation	1262	501	6.0878
221	139	Lake Whitney Substation	12355	864	5.9039
222		Pecos Main Substation	12P366	312	5.8173
223	277	West Substation	1202	999	5.6816
224	218	Glen Rose Substation	23875	851	5.3207
225	278	Stafford Substation	12P83	407	5.2751
226	226	Downtown 12.5KV Substation	12F520	340	5.2088
227	172	Nocona Substation	12490	314	5.0127
228	71	Lakepointe Substation	2540	563	4.8596
229	204	Pecos Main Substation	12P01	212	4.7924
230	97	Lake Whitney Substation	1230	500	4.6740
231	259	South Shore Substation	1191	1,541	4.5451
232	245	Sanderson Substation	4S27	104	4.3269
233	176	Walnut Springs Substation	2200	387	4.3204
234	182	Magnolia Substation	1150	853	4.0117
235	250	16th Street Substation	12F72	457	3.8118
236	183	Airport Substation	12F44	893	3.6080
237	20	Walnut Springs Substation	1270	49	3.5714
238	56	Alvin Substation	1116	2,021	3.3047
239	161	Valley Mills Substation	22565	429	2.9650
240	222	Belding Substation	12F161	40	2.9500
241	276	Gatesville #1 Substation	413	153	2.8692
242	145	Whitewright Substation	13563	338	2.7396
243	227	Belding Substation	12F164	19	2.6315
244	260	Kermit #1 Substation	4K04	479	2.5073
245	242	Downtown 12.5KV Substation	12F114	620	2.3193
246	170	West Substation	1201	706	1.9575
247	140	Saint Jo Substation	15761	215	1.8837
248	37	Glen Rose Substation	22295	782	1.6879
249	212	Jones Street Substation	1412	478	1.6485
250	47	Jones Street Substation	1413	78	1.4358
251	122	League City Main Substation	1281	953	1.2098
252	256	Stafford Substation	12P50	326	1.1779
253	282	Puckett Substation	25F14	54	1.0740
254	280	Stafford Substation	12P82	314	0.9808
255		Butler Road Substation	1436	3,104	0.8923

Service Quality Report to the Public Utility Commission of Texas

2016 SAIDI Ranking	2015 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2016 SAIDI Value
256	4	Whitewright Substation	12575	728	0.8873
257	158	Airport Substation	12F725	770	0.8051
258	273	Olney Substation	1690	432	0.7314
259	144	Whitewright Substation	12573	188	0.6489
260	187	Glen Rose Substation	22305	284	0.6443
261	213	Kermit #1 Substation	4K03	251	0.5498
262	249	Gatesville #1 Substation	422	207	0.5410
263	264	Texas Instruments Substation	1013	1,833	0.5040
264	208	Trenton Substation	4120	209	0.4497
265	209	Longneck Substation	23130	1,315	0.4441
266	69	Gatesville #2 Substation	429	334	0.3892
267	22	Whitewright Substation	12574	296	0.3817
268	21	Climax Substation	22110	1,065	0.3380
269	255	Sanderson Substation	4S26	231	0.2597
270	225	Meridian Substation	680	306	0.2287
271	115	Longneck Substation	23126	1,151	0.1025
272		Farmersville West Substation	23560	480	0.0854
273	219	Leonard Substation	12682	245	0.0000
274	268	Clifton #1 4KV Substation	405	230	0.0000
275	285	Clifton #1 4KV Substation	407	126	0.0000
276	286	Clifton #1 4KV Substation	490	26	0.0000
277	279	Kermit #1 Substation	4K05	175	0.0000
278	281	Clifton #2 Substation	4165	309	0.0000
279	275	Whitney #2 Substation	22460	528	0.0000
280	266	Gatesville #2 Substation	426	213	0.0000
281		Butler Road Substation	1437	153	0.0000
282	27	Gomez Substation	25F61	19	0.0000
283	211	Sanderson Substation	4S28	280	0.0000
284	151	Puckett Substation	25F18	31	0.0000
285	200	Clifton #1 22KV Substation	22495	337	0.0000
286	258	Clifton #2 Substation	23165	83	0.0000
287		Westminster Substation	15800	124	0.0000

Service Quality Report to the Public Utility Commission of Texas

**TEXAS-NEW MEXICO POWER COMPANY
INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2016 Reporting Year

Causes of Forced Interruptions	Percentage
WEATHER	31.99%
UTILITY-OWNED EQUIPMENT	26.79%
VEGETATION	21.09%
ANIMALS AND BIRDS	12.40%
UNKNOWN	5.42%
PEOPLE	1.34%
OTHER	0.98%
TOTAL	100%