



Control Number: 50413



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Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2019 Reporting Year

Texas-New Mexico Power Company

Project 50413

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													
2019	0.92	0.05	0.01	0.04	0.08	0.11	0.14	0.09	0.06	0.12	0.11	0.08	0.03
Scheduled													
2019	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes													
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Major Events													
2019	0.04	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00

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													
2019	103.85	5.07	1.33	4.88	8.32	14.80	20.42	11.39	8.25	10.86	10.41	5.87	2.27
Scheduled													
2019	0.77	0.03	0.04	0.04	0.06	0.30	0.05	0.08	0.02	0.01	0.07	0.03	0.04
Outside Causes													
2019	0.34	0.00	0.01	0.01	0.00	0.10	0.16	0.02	0.03	0.01	0.00	0.00	0.00
Major Events													
2019	9.36	0.00	0.00	0.00	0.00	8.45	0.90	0.00	0.00	0.00	0.00	0.00	0.00

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

297

Add or Delete Rows as Necessary

Texas-New Mexico Power Company

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1	1	Pyote Substation	25P312	188	9.43
2	185	Flat Top Substation	26P02	81	7.48
3	100	Reeves County #4 Substation	12P28	146	5.75
4	3	Reeves County #4 Substation	13P37	290	5.02
5	236	Pyote Substation	25P217	91	4.74
6	43	Coryell County Substation	22160	74	4.47
7	257	Cochise Substation	25P48	266	4.11
8	253	Whitewright Substation	12698	998	3.67
9	36	South Bend Substation	1300	157	3.63
10	2	California Substation	12K87	60	3.53
11	67	Alvin Substation	1115	2185	3.53
12	199	Hamilton City Substation	22780	658	3.20
13	10	Winkler County #6 Substation	25K11	41	3.20
14	42	Deport Substation (ONCOR)	22164	579	2.98
15	84	Friendswood Substation	1108	1825	2.98
16	99	Flat Top Substation	26P01	172	2.94
17	88	Lakepointe Substation	2540	567	2.91
18	172	Cochise Substation	12P637	43	2.88
19	34	Alvin Substation	1259	759	2.70
20	13	Kermit #2 Substation	12K48	614	2.67
21	9	Dickinson Substation	1272	1460	2.57
22	120	Hamilton County Substation	2340	144	2.56
23	162	Keystone Substation	12K434	45	2.53
24	32	Stafford Substation	13P50	395	2.50
25	70	Pecos Main Substation	12P366	331	2.50
26	52	Friendswood Substation	1251	1805	2.42
27	53	Brazoria Substation	1291	676	2.41
28	190	Lone Oak Substation	13388	469	2.37
29	16	Nocona Substation	13374	652	2.34
30	6	Old Ocean Substation	1262	460	2.31
31	60	Freeway Park Substation	1101	1635	2.21
32	206	Butler Road Substation	1436	3436	2.19
33	30	Blossom Substation	2203	1406	2.17
34	237	South Shore Substation	1190	2259	2.17
35	203	League City Main Substation	1280	1488	2.16
36	255	Whitewright Substation	12573	194	2.14
37	97	South Shore Substation	1192	1735	2.13
38	277	Belding Substation	12F164	20	2.05
39	108	Olney Substation	1685	448	2.02
40	103	Sycamore Substation	24105	156	1.99
41	35	Whitney Substation	22450	519	1.94
42	4	Krugerville Substation	2604	2354	1.94
43	31	Sweeny Substation	1263	539	1.78
44	184	Magnolia Substation	1149	1552	1.73
45	160	Alvin Substation	1254	1835	1.72
46	138	Friendswood Substation	1109	1516	1.70
47	41	Lone Star Substation	25P174	33	1.70
48	187	Farmersville West Substation	23568	533	1.68

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
49	33	Lone Star Substation	25P171	59	1.68
50	118	Meridian Substation	23210	831	1.67
51	105	IH-20 Substation	12P563	194	1.66
52	50	Hamilton County Substation	2345	230	1.65
53	94	Glen Rose Substation	23875	892	1.65
54	213	W.D. Faulkner Substation	12P259	149	1.64
55	246	Hamilton County Substation	24015	636	1.63
56	123	Krugerville Substation	2608	2188	1.63
57	156	Stafford Substation	12P82	331	1.62
58	137	Northside Substation	1228	1413	1.56
59	93	Blossom Substation	2207	120	1.55
60	112	La Marque Substation	1201	868	1.54
61	109	Glen Rose Substation	22305	308	1.51
62	204	Sanderson Substation	4S27	104	1.50
63	276	Belding Substation	12F161	41	1.49
64	144	IH-20 Substation	12P566	85	1.48
65	20	Alvin Substation	1230	2147	1.47
66	38	Alvin Substation	1257	1559	1.47
67	98	Flat Top Substation	26P03	93	1.46
68	198	Petrolia Substation	12260	819	1.46
69	193	Brazoria Substation	1290	970	1.46
70	169	Airport Substation	12F271	109	1.44
71	148	Alvin Substation	1232	1226	1.43
72	201	Pecos Main Substation	12P01	236	1.41
73	157	Alvin Substation	1231	1950	1.40
74	211	Friendswood Substation	1107	1808	1.37
75	195	Whitewright Substation	12574	312	1.36
76	265	Whitewright Substation	13563	352	1.36
77	147	Angleton Substation	1245	913	1.36
78	37	La Marque Substation	1205	1008	1.32
79	272	Stafford Substation	12P99	311	1.30
80	129	League City Main Substation	1010	1023	1.30
81	226	Freeway Park Substation	1297	970	1.29
82	139	League City Main Substation	1283	2222	1.29
83	40	Freeway Park Substation	1299	826	1.26
84	48	West Columbia Local Substation	1237	782	1.25
85	80	Seminole Substation	1404	1983	1.24
86	79	Freeway Park Substation	1103	1285	1.24
87	262	Clifton #1 22KV Substation	22495	341	1.23
88	266	Lakepointe Substation	2536	1520	1.23
89	72	Coryell County Substation	22155	867	1.22
90	59	Olney Substation	1695	570	1.22
91	90	Cochise Substation	25P47	31	1.19
92	89	West Columbia Local Substation	1233	1039	1.19
93	235	Kermit #2 Substation	4K06	215	1.16
94	182	South Shore Substation	1195	1214	1.16
95	14	Kermit #2 Substation	12K98	313	1.15
96	180	South Shore Substation	1194	1601	1.12
97	91	Angleton Substation	1241	1605	1.11
98	252	Jones Street Substation	1411	1807	1.10
99	215	Gatesville #2 Substation	23065	523	1.10
100	55	Seminole Substation	1402	1452	1.10
101	209	Lakepointe Substation	2512	2625	1.10

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2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
102	119	Dickinson Substation	1274	637	1.09
103	87	Texas Instruments Substation	1012	1430	1.08
104	25	Alvin Substation	1117	1604	1.07
105	278	Gomez Substation	25F05	27	1.07
106	242	Kermit #2 Substation	4K07	322	1.06
107	113	Glen Rose Substation	22285	412	1.05
108	18	Texas Instruments Substation	1033	2302	1.05
109	106	Red River Substation	2229	362	1.05
110	259	South Substation	1109	818	1.03
111	83	South Substation	1103	1669	1.02
112	256	Clifton #1 4KV Substation	405	219	1.02
113	289	Stafford Substation	12P50	321	1.01
114	238	Lakepointe Substation	2544	866	1.01
115	286	Lakepointe Substation	2524	1204	1.00
116	264	Texas Instruments Substation	1013	1834	0.99
117	86	Valley Mills Substation	22570	466	0.99
118	183	Magnolia Substation	1148	2242	0.99
119	298	Puckett Substation	25F14	53	0.98
120	7	Sweeny Substation	1129	693	0.97
121	177	Stafford Substation	12P83	599	0.95
122	134	Nocona Substation	13370	707	0.95
123	23	Angleton Substation	1155	1182	0.95
124	284	Gomez Substation	25F61	18	0.94
125	216	Nocona Substation	12490	307	0.94
126	271	Airport Substation	12F44	921	0.92
127	171	Hill County Substation	23340	624	0.91
128	145	Cochise Substation	12P638	53	0.89
129	214	Pecos Main Substation	12P02	1158	0.88
130	233	Downtown 12.5KV Substation	12F114	576	0.87
131	135	Walnut Springs Substation	2200	390	0.85
132	210	La Marque Substation	1203	428	0.85
133	152	League City Main Substation	1282	2060	0.83
134	202	16th Street Substation	12F71	1012	0.83
135	44	Pecos Main Substation	12P03	599	0.80
136	15	Sweeny Substation	1128	1448	0.80
137	124	League City Main Substation	1011	199	0.78
138	96	West Columbia Local Substation	1235	705	0.75
139	155	Red River Substation	2252	1132	0.75
140	54	Angleton Substation	1154	1879	0.73
141	207	Sanderson Substation	4S28	176	0.73
142	102	La Marque Substation	1202	993	0.72
143	27	West Columbia Local Substation	1234	1194	0.70
144	127	Hill County Substation	22125	495	0.68
145	5	Lakepointe Substation	2508	493	0.68
146	125	Graham Substation	1245	145	0.66
147	149	Alvin Substation	1116	1907	0.66
148	115	Angleton Substation	1244	1296	0.65
149	130	Northside Substation	1295	2262	0.65
150	153	Brazoria Substation	1271	1825	0.64
151	111	Brazoria Substation	1270	1006	0.63
152	61	Red River Substation	2262	76	0.62
153	234	Westminster Substation	15800	123	0.61
154	114	Angleton Substation	1240	2469	0.59

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2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
155	39	Emory Substation (ONCOR)	1201	930	0.59
156	176	Gatesville #2 Substation	426	454	0.58
157	158	Glen Rose Substation	22295	787	0.55
158	181	Kermit #1 Substation	4K04	511	0.53
159	58	Northside Substation	1293	613	0.52
160	287	Puckett Substation	25F18	35	0.51
161	218	Kermit #1 Substation	4K03	245	0.51
162	178	Pecos Main Substation	12P362	1122	0.48
163	51	Walnut Springs Substation	2210	462	0.48
164	244	League City Main Substation	1012	948	0.47
165	47	Longneck Substation	23126	1637	0.47
166	241	West Substation	1233	578	0.47
167	21	Whitney Substation	22455	683	0.46
168	170	Jones Street Substation	1433	1036	0.44
169	267	Clifton #1 4KV Substation	407	139	0.44
170	64	Seminole Substation	1403	1132	0.43
171	101	Glen Rose Substation	22300	1185	0.42
172	163	Angleton Substation	1153	2512	0.41
173	131	Dickinson Substation	1277	1539	0.40
174	223	South Shore Substation	1196	1547	0.39
175	110	Wickett Substation	12K449	225	0.39
176	136	La Marque Substation	1110	338	0.38
177	81	Walnut Springs Substation	25925	52	0.38
178	174	Friendswood Substation	1253	872	0.37
179	122	Sweeny Substation	1264	1350	0.37
180	186	Heights Substation	1134	875	0.37
181	26	Graham Substation	12605	135	0.37
182	17	California Substation	12K86	27	0.37
183	126	Blue Ridge Substation	22700	518	0.37
184	142	Old Ocean Substation	1261	179	0.36
185	173	Freeway Park Substation	1298	2108	0.36
186	166	League City Main Substation	1285	1238	0.36
187	268	Meridian Substation	680	305	0.36
188	107	Thurber Substation	1447	609	0.35
189	24	Dickinson Substation	1279	2384	0.34
190	95	Tejas Substation	1215	1327	0.34
191	73	Friendswood Substation	1252	1708	0.32
192	56	Tejas Substation	1214	551	0.32
193	254	Downtown 12.5KV Substation	12F130	1103	0.32
194	121	Angleton Substation	1242	530	0.32
195	165	Magnolia Substation	1145	402	0.32
196	228	Handley Substation	22825	491	0.31
197	191	Thurber Substation	22890	423	0.30
198	168	Keystone Substation	12K437	735	0.30
199	45	Bryson Substation	1230	424	0.30
200	279	Magnolia Substation	1150	773	0.30
201	192	Dickinson Substation	1267	2062	0.29
202	132	Northside Substation	1294	1036	0.29
203	197	Whitewright Substation	12575	733	0.28
204	159	La Marque Substation	1204	1593	0.28
205	248	Saint Jo Substation	15757	397	0.28
206	154	Northside Substation	1292	714	0.27
207	175	Lone Oak Substation	13384	370	0.25

Service Quality Report to the Public Utility Commission of Texas

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2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
208	65	Valley Mills Substation	22575	683	0.24
209	133	Leonard Substation	14635	509	0.23
210	68	Clifton #2 Substation	24370	228	0.23
211	62	Coryell County Substation	22365	1040	0.22
212	78	Saint Jo Substation	15761	218	0.20
213	71	Leonard Substation	14631	461	0.20
214	75	Lake Whitney Substation	12355	871	0.20
215	57	Freeway Park Substation	1102	1756	0.20
216	66	Heights Substation	1224	1567	0.20
217		Hidden Lakes Substation	1477	2164	0.20
218	117	Tolar Substation	25860	576	0.20
219	194	Jones Street Substation	1412	517	0.20
220	12	Old Ocean Substation	1260	51	0.19
221	11	Clifton #1 22KV Substation	22480	137	0.19
222	285	Kermit #1 Substation	4K02	241	0.19
223	141	Hico City Substation	390	275	0.19
224	274	Magnolia Substation	1144	1393	0.19
225	208	South Substation	1107	1332	0.18
226	164	Jones Street Substation	1431	955	0.18
227	161	Lake Whitney Substation	1230	518	0.17
228	217	Tejas Substation	1212	240	0.17
229	263	Westminster Substation	15804	407	0.16
230	116	Dickinson Substation	1266	611	0.16
231	205	Heights Substation	1222	571	0.16
232	261	South Substation	1102	1495	0.16
233	28	Thurber Substation	1490	787	0.16
234	281	Downtown 12.5KV Substation	12F520	363	0.15
235	128	Nocona Substation	12486	162	0.15
236	275	Airport Substation	12F725	806	0.14
237	104	Wickett Substation	12K446	37	0.14
238	230	Walnut Springs Substation	2215	109	0.14
239	232	Meridian Substation	690	246	0.13
240	85	South Substation	1108	1935	0.13
241	260	Texas Instruments Substation	1032	3626	0.13
242	143	League City Main Substation	1281	636	0.12
243	151	Heights Substation	1132	2183	0.11
244	200	Butler Road Substation	1437	960	0.11
245	188	Gatesville #2 Substation	22725	478	0.11
246	221	West Substation	1221	1939	0.10
247	245	Whitney #2 Substation	22465	389	0.10
248	49	Nocona Substation	13610	818	0.10
249	92	Angleton Substation	1243	296	0.10
250	239	Lakepointe Substation	2516	907	0.09
251	150	Hamilton City Substation	22785	373	0.09
252	69	Tejas Substation	1217	142	0.08
253	189	South Shore Substation	1191	1865	0.08
254	140	Bryson Substation	1233	187	0.08
255	179	Meridian Substation	23205	356	0.08
256	46	Leonard Substation	12678	526	0.08
257	229	Olney Substation	1690	428	0.08
258	196	Hamilton City Substation	23825	328	0.07
259	249	Hamilton City Substation	23820	203	0.07
260		Mainland Substation	1454	761	0.07

Service Quality Report to the Public Utility Commission of Texas

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2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
261	250	West Substation	1203	907	0.07
262	222	West Substation	1201	704	0.07
263	269	Clifton #2 Substation	4165	308	0.06
264	280	16th Street Substation	12F72	469	0.06
265	8	League City Main Substation	1284	3098	0.04
266	167	Valley Mills Substation	22565	433	0.04
267	231	Frontier Substation	4236	235	0.04
268	227	Longneck Substation	23130	2165	0.04
269	240	Magnolia Substation	1146	2771	0.03
270	282	Trenton Substation	4120	206	0.03
271	77	West Substation	1223	2396	0.03
272	251	Jones Street Substation	1413	82	0.02
273	258	Gatesville #2 Substation	429	430	0.02
274	219	Hico City Substation	395	545	0.02
275	146	Handley Substation	22820	68	0.02
276	63	Climax Substation	2234	13	0.01
277	225	West Substation	1222	1437	0.01
278	212	South Substation	1104	3515	0.01
279	247	Sanderson Substation	4S26	233	0.01
280	297	Clifton #2 Substation	23165	95	0.01
281	288	Clifton #1 22KV Substation	22485	104	0.01
282	82	Clifton #2 Substation	4160	506	0.01
283	270	Leonard Substation	12682	253	0.01
284	224	West Substation	1202	999	0.01
285	76	West Substation	1235	1606	0.01
286	273	16th Street Substation	13F14	337	0.01
287	220	Worsham Field Substation	13P97	92	
288	283	Talco West Substation	22237	30	
289	19	Kermit #1 Substation	4K05	180	
290		Butler Road Substation	1438	11	
291	29	Climax Substation	22110	1123	
292		Mainland Substation	1455	48	
293		Hidden Lakes Substation	1476	552	
294	74	Worsham Field Substation	13P98	76	
295	290	Whitney #2 Substation	22460	529	
296	22	Sycamore Substation	24100	33	
297	243	West Substation	1234	1498	

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

297

Add or Delete Rows as Necessary

Texas-New Mexico Power Company

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1	225	Pyote Substation	25P217	91	1,771.20
2	146	Cochise Substation	12P637	43	1,601.95
3	1	Pyote Substation	25P312	188	1,450.01
4	179	Flat Top Substation	26P02	81	1,209.28
5	286	Belding Substation	12F161	41	1,204.61
6	76	Meridian Substation	23210	831	1,054.28
7	287	Belding Substation	12F164	20	969.05
8	82	Flat Top Substation	26P01	172	956.72
9	140	Hamilton County Substation	2340	144	889.66
10	3	Reeves County #4 Substation	13P37	290	852.45
11	74	Deport Substation (ONCOR)	22164	579	797.08
12	10	Coryell County Substation	22160	74	747.45
13	293	Gomez Substation	25F61	18	606.33
14	15	South Bend Substation	1300	157	599.52
15	250	Hamilton County Substation	24015	636	589.54
16	171	W.D. Faulkner Substation	12P259	149	540.11
17	292	Gomez Substation	25F05	27	535.22
18	61	Reeves County #4 Substation	12P28	146	522.08
19	6	Lone Star Substation	25P174	33	478.82
20	170	Keystone Substation	12K434	45	458.76
21	2	California Substation	12K87	60	457.42
22	87	Dickinson Substation	1274	637	437.80
23	249	Cochise Substation	25P48	266	419.57
24	65	Old Ocean Substation	1262	460	407.46
25	252	Whitewright Substation	12698	998	395.36
26	54	Blossom Substation	2203	1406	378.78
27	188	Petrolia Substation	12260	819	352.98
28	223	Hamilton City Substation	22780	658	346.89
29	27	Hamilton County Substation	2345	230	338.17
30	4	Winkler County #6 Substation	25K11	41	333.27
31	18	Kermit #2 Substation	12K48	614	318.85
32	124	Olney Substation	1685	448	311.26
33	58	IH-20 Substation	12P566	85	300.67
34	86	Sycamore Substation	24105	156	299.38
35	34	IH-20 Substation	12P563	194	298.84
36	56	Alvin Substation	1115	2185	295.12
37	216	Freeway Park Substation	1297	970	292.97
38	90	Glen Rose Substation	23875	892	282.55
39	49	Dickinson Substation	1272	1460	269.97
40	77	South Shore Substation	1192	1735	269.52
41	75	Nocona Substation	13374	652	268.57
42	72	Freeway Park Substation	1101	1635	248.41
43	85	Lakepointe Substation	2540	567	246.55
44	14	Friendswood Substation	1108	1825	241.72
45	40	Friendswood Substation	1251	1805	238.39
46	284	Puckett Substation	25F14	53	238.11
47	190	Lone Oak Substation	13388	469	235.97
48	207	Gatesville #2 Substation	23065	523	226.55

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
49	220	Nocona Substation	12490	307	226.20
50	273	Stafford Substation	12P99	311	222.57
51	29	Pecos Main Substation	12P366	331	222.33
52	244	Sanderson Substation	4S27	104	221.92
53	57	Stafford Substation	13P50	395	220.13
54	141	League City Main Substation	1011	199	213.22
55	78	Brazoria Substation	1291	676	209.10
56	248	Whitewright Substation	12573	194	197.42
57	5	Lone Star Substation	25P171	59	195.63
58	89	Flat Top Substation	26P03	93	195.32
59	160	Blossom Substation	2207	120	190.32
60	163	Angleton Substation	1245	913	188.58
61	52	Seminole Substation	1402	1452	186.04
62	22	Whitney Substation	22450	519	185.21
63	63	Coryell County Substation	22155	867	184.80
64	290	Puckett Substation	25F18	35	184.46
65	81	Glen Rose Substation	22305	308	183.86
66	26	Cochise Substation	25P47	31	181.45
67	47	Alvin Substation	1259	759	178.08
68	116	Friendswood Substation	1109	1516	177.55
69	195	Whitewright Substation	12574	312	173.12
70	50	Freeway Park Substation	1299	826	168.09
71	71	La Marque Substation	1201	868	164.55
72	66	Krugerville Substation	2604	2354	161.12
73	30	Alvin Substation	1117	1604	158.53
74	201	Farmersville West Substation	23568	533	155.77
75	208	League City Main Substation	1280	1488	152.81
76	155	Northside Substation	1228	1413	152.75
77	53	La Marque Substation	1202	993	152.33
78	62	Wickett Substation	12K449	225	149.95
79	269	Clifton #1 22KV Substation	22495	341	148.32
80	168	Red River Substation	2252	1132	148.18
81	191	Alvin Substation	1254	1835	146.81
82	215	Sanderson Substation	4S28	176	145.28
83	19	Alvin Substation	1230	2147	145.24
84	288	Lakepointe Substation	2524	1204	145.00
85	91	Sweeny Substation	1263	539	139.70
86	204	Stafford Substation	12P83	599	139.64
87	152	Pecos Main Substation	12P01	236	139.02
88	157	Alvin Substation	1231	1950	138.95
89	70	Valley Mills Substation	22570	466	137.83
90	108	Cochise Substation	12P638	53	137.04
91	258	Whitewright Substation	13563	352	135.41
92	210	Lakepointe Substation	2512	2625	134.12
93	212	Lakepointe Substation	2544	866	133.49
94	42	Alvin Substation	1257	1559	132.00
95	169	Magnolia Substation	1149	1552	128.78
96	161	Airport Substation	12F271	109	128.56
97	235	Westminster Substation	15800	123	124.89
98	60	Seminole Substation	1403	1132	123.46
99	110	Angleton Substation	1241	1605	122.84
100	231	16th Street Substation	12F71	1012	122.83
101	213	Friendswood Substation	1107	1808	117.55

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
102	23	Red River Substation	2262	76	116.65
103	131	Dickinson Substation	1277	1539	116.47
104	158	Alvin Substation	1232	1226	115.16
105	104	Angleton Substation	1154	1879	114.11
106	69	Seminole Substation	1404	1983	113.77
107	67	Texas Instruments Substation	1033	2302	112.12
108	8	La Marque Substation	1205	1008	111.04
109	114	Northside Substation	1295	2262	105.75
110	265	Lakepointe Substation	2536	1520	105.21
111	139	Hill County Substation	23340	624	104.12
112	41	Sweeny Substation	1128	1448	104.01
113	211	La Marque Substation	1203	428	102.93
114	121	Nocona Substation	13370	707	98.52
115	209	Butler Road Substation	1436	3436	97.42
116	83	Walnut Springs Substation	2210	462	96.18
117	217	Kermit #1 Substation	4K04	511	95.39
118	16	Sweeny Substation	1129	693	94.01
119	135	League City Main Substation	1010	1023	93.30
120	154	Alvin Substation	1116	1907	92.13
121	64	Brazoria Substation	1270	1006	92.11
122	133	Graham Substation	1245	145	91.59
123	143	Magnolia Substation	1148	2242	89.26
124	268	Clifton #1 4KV Substation	407	139	88.43
125	199	Thurber Substation	22890	423	87.75
126	149	League City Main Substation	1282	2060	87.22
127	20	Whitney Substation	22455	683	86.01
128	145	La Marque Substation	1110	338	85.58
129	272	Airport Substation	12F44	921	83.08
130	247	Downtown 12.5KV Substation	12F114	576	82.74
131	103	West Columbia Local Substation	1233	1039	81.83
132	111	Hill County Substation	22125	495	81.45
133	55	Walnut Springs Substation	25925	52	79.62
134	181	Pecos Main Substation	12P362	1122	77.92
135	94	Olney Substation	1695	570	77.29
136	203	Brazoria Substation	1290	970	77.07
137	39	Angleton Substation	1155	1182	76.66
138	266	Clifton #1 4KV Substation	405	219	75.97
139	128	Old Ocean Substation	1261	179	75.34
140	187	Angleton Substation	1153	2512	75.19
141	177	Stafford Substation	12P82	331	75.02
142	107	Walnut Springs Substation	2200	390	74.47
143	270	Meridian Substation	680	305	73.42
144	106	Angleton Substation	1244	1296	73.40
145	115	Thurber Substation	1447	609	72.61
146	130	Krugerville Substation	2608	2188	72.13
147	138	Glen Rose Substation	22300	1185	70.31
148	36	Lakepointe Substation	2508	493	70.19
149	122	South Substation	1103	1669	68.58
150	180	South Shore Substation	1194	1601	68.29
151	150	Keystone Substation	12K437	735	68.18
152	11	Kermit #2 Substation	12K98	313	68.17
153	33	Graham Substation	12605	135	68.04
154	68	West Columbia Local Substation	1237	782	67.91

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
155	172	Jones Street Substation	1433	1036	67.01
156	127	Sweeny Substation	1264	1350	65.35
157	142	Glen Rose Substation	22285	412	63.60
158	125	La Marque Substation	1204	1593	63.35
159	129	Angleton Substation	1240	2469	63.11
160	12	Emory Substation (ONCOR)	1201	930	62.99
161	109	Dickinson Substation	1266	611	62.13
162	123	Magnolia Substation	1145	402	60.62
163	251	West Substation	1233	578	60.17
164	189	Lone Oak Substation	13384	370	59.41
165	9	Northside Substation	1293	613	59.08
166	79	Clifton #2 Substation	24370	228	58.41
167	240	South Substation	1109	818	58.16
168	233	Pecos Main Substation	12P02	1158	57.91
169	166	Jones Street Substation	1431	955	57.61
170	118	Red River Substation	2229	362	57.09
171	51	Dickinson Substation	1279	2384	57.02
172	245	Jones Street Substation	1411	1807	56.82
173	165	Glen Rose Substation	22295	787	56.16
174	73	West Columbia Local Substation	1235	705	55.71
175	134	Hico City Substation	390	275	55.64
176	202	South Shore Substation	1196	1547	55.55
177	21	Pecos Main Substation	12P03	599	54.68
178	97	Longneck Substation	23126	1637	53.68
179	132	League City Main Substation	1283	2222	51.31
180	246	League City Main Substation	1012	948	51.24
181	80	Freeway Park Substation	1103	1285	50.84
182	96	Northside Substation	1294	1036	50.83
183	105	Texas Instruments Substation	1012	1430	49.68
184	159	Heights Substation	1134	875	49.38
185	137	Freeway Park Substation	1298	2108	49.03
186	35	Bryson Substation	1230	424	48.88
187	153	Brazoria Substation	1271	1825	48.31
188	261	Texas Instruments Substation	1013	1834	45.79
189	147	Northside Substation	1292	714	45.21
190	175	Whitewright Substation	12575	733	44.55
191	241	South Shore Substation	1190	2259	44.42
192	200	South Substation	1107	1332	44.40
193	156	Friendswood Substation	1252	1708	44.26
194	183	Jones Street Substation	1412	517	43.62
195	24	California Substation	12K86	27	43.56
196	37	West Columbia Local Substation	1234	1194	42.91
197	144	Blue Ridge Substation	22700	518	40.45
198	167	Dickinson Substation	1267	2062	39.76
199	45	Tejas Substation	1215	1327	38.81
200	298	Magnolia Substation	1150	773	38.66
201	182	League City Main Substation	1285	1238	38.33
202	227	Kermit #2 Substation	4K06	215	38.11
203	59	Coryell County Substation	22365	1040	37.85
204	176	Friendswood Substation	1253	872	37.73
205	32	Old Ocean Substation	1260	51	37.61
206	173	South Shore Substation	1195	1214	37.29
207	148	Angleton Substation	1242	530	36.20

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
208	17	Valley Mills Substation	22575	683	33.11
209	206	Tejas Substation	1212	240	33.01
210	255	Saint Jo Substation	15757	397	31.80
211	294	Kermit #1 Substation	4K02	241	31.78
212	237	Handley Substation	22825	491	31.64
213	92	Leonard Substation	14635	509	31.06
214	196	Gatesville #2 Substation	426	454	29.96
215	119	Tejas Substation	1214	551	29.89
216		Hidden Lakes Substation	1477	2164	27.45
217	99	Saint Jo Substation	15761	218	26.91
218	291	Downtown 12.5KV Substation	12F520	363	25.27
219	274	Magnolia Substation	1144	1393	25.11
220	43	Leonard Substation	12678	526	23.59
221	88	Freeway Park Substation	1102	1756	23.41
222	224	Lakepointe Substation	2516	907	23.29
223	13	Tejas Substation	1217	142	21.06
224	113	Nocona Substation	12486	162	21.02
225	253	Texas Instruments Substation	1032	3626	20.73
226	44	Lake Whitney Substation	12355	871	20.61
227	256	Whitney #2 Substation	22465	389	19.81
228	234	South Substation	1102	1495	19.18
229	236	Kermit #2 Substation	4K07	322	19.17
230	263	Downtown 12.5KV Substation	12F130	1103	16.54
231	117	Heights Substation	1132	2183	16.47
232	84	Heights Substation	1224	1567	16.25
233	7	Clifton #1 22KV Substation	22480	137	16.11
234	262	Westminster Substation	15804	407	16.07
235	120	Wickett Substation	12K446	37	15.35
236	151	Tolar Substation	25860	576	15.02
237	219	West Substation	1221	1939	15.00
238	239	Walnut Springs Substation	2215	109	14.74
239	198	Heights Substation	1222	571	14.23
240	275	Airport Substation	12F725	806	13.70
241	48	Leonard Substation	14631	461	12.77
242	222	Butler Road Substation	1437	960	12.68
243	184	Lake Whitney Substation	1230	518	12.55
244	214	Gatesville #2 Substation	22725	478	11.79
245	186	South Substation	1108	1935	11.51
246	28	Thurber Substation	1490	787	11.18
247	243	Kermit #1 Substation	4K03	245	11.12
248	238	Meridian Substation	690	246	10.52
249	101	Angleton Substation	1243	296	9.87
250	164	League City Main Substation	1281	636	8.87
251	242	West Substation	1203	907	8.67
252	192	South Shore Substation	1191	1865	8.23
253	230	Magnolia Substation	1146	2771	8.07
254		Mainland Substation	1454	761	7.91
255	100	Bryson Substation	1233	187	7.78
256	174	Hamilton City Substation	22785	373	6.66
257	264	Clifton #2 Substation	4165	308	6.53
258	254	Hamilton City Substation	23820	203	6.07
259	102	Nocona Substation	13610	818	6.02
260	226	Hamilton City Substation	23825	328	5.56

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2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
261	228	Olney Substation	1690	428	5.40
262	194	Meridian Substation	23205	356	5.12
263	126	Valley Mills Substation	22565	433	4.68
264	46	West Substation	1223	2396	4.48
265	193	West Substation	1201	704	3.92
266	276	Stafford Substation	12P50	321	3.63
267	38	League City Main Substation	1284	3098	3.31
268	178	Frontier Substation	4236	235	3.25
269	280	Trenton Substation	4120	206	3.17
270	267	Sanderson Substation	4S26	233	2.96
271	136	Handley Substation	22820	68	2.92
272	218	Longneck Substation	23130	2165	2.68
273	232	West Substation	1222	1437	2.68
274	259	Gatesville #2 Substation	429	430	2.21
275	277	16th Street Substation	12F72	469	1.95
276	205	Hico City Substation	395	545	1.87
277	162	West Substation	1235	1606	1.55
278	98	Climax Substation	2234	13	1.29
279	229	Jones Street Substation	1413	82	1.23
280	185	South Substation	1104	3515	0.79
281	221	West Substation	1202	999	0.78
282	285	Clifton #2 Substation	23165	95	0.66
283	260	16th Street Substation	13F14	337	0.63
284	271	Leonard Substation	12682	253	0.54
285	296	Clifton #1 22KV Substation	22485	104	0.33
286	112	Clifton #2 Substation	4160	506	0.31
287	197	Worsham Field Substation	13P97	92	
288	31	Kermit #1 Substation	4K05	180	
289	279	Talco West Substation	22237	30	
290		Butler Road Substation	1438	11	
291	93	Climax Substation	22110	1123	
292	257	West Substation	1234	1498	
293		Hidden Lakes Substation	1476	552	
294	25	Worsham Field Substation	13P98	76	
295	289	Whitney #2 Substation	22460	529	
296	95	Sycamore Substation	24100	33	
297		Mainland Substation	1455	48	

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.

2019 Reporting Year

Causes of Forced Interruptions	Percentage
WEATHER	33.4%
UTILITY-OWNED EQUIPMENT	28.1%
VEGETATION	23.9%
PEOPLE	6.4%
ANIMALS AND BIRDS	3.7%
OTHER	2.5%
UNKNOWN	2.0%
TOTAL	100%