



Filing Receipt

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Control Number - 54467

Item Number - 17



Texas-New Mexico Power
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June 28, 2023

Clerk, Central Records
Public Utility Commission of Texas
1701 N. Congress Avenue
Austin, TX 78711

Re: Docket No. 54467, *TNMP 2022 Service Quality Report*

Enclosed for filing, please find TNMP's revised Service Quality Report for the 2022 reporting year in accordance with Substantive Rule §25.52. The revised SQR corrects data transposition errors and a data formatting error that inadvertently omitted two customer accounts from the sum calculation. Therefore, due to the foregoing reasons, the SQR version filed on February 8, 2023, should be disregarded and replaced by the accompanying revised SQR.

Respectfully,

A handwritten signature in black ink, appearing to read "Brooks Hamilton". The signature is written in a cursive, flowing style.

Brooks Hamilton
Project Manager, Regulatory
Texas-New Mexico Power
Brooks.Hamilton@tnmp.com

Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2022 Reporting Year

Texas-New Mexico Power Company

Project 54467

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													
2022	1.13	0.05	0.07	0.07	0.10	0.12	0.11	0.09	0.14	0.07	0.13	0.10	0.09
Scheduled													
2022	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes													
2022	0.80	0.02	0.14	0.05	0.12	0.22	0.01	0.13	0.03	0.02	0.02	0.01	0.03
Major Events													
2022	0.04	0.00	0.03	0.00	0.00	0.00	0.00	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													
2022	92.73	5.66	4.79	6.36	7.93	13.49	8.52	5.80	10.23	5.76	8.97	7.43	7.81
Scheduled													
2022	0.64	0.00	0.00	0.02	0.03	0.00	0.54	0.00	0.02	0.02	0.00	0.00	0.00
Outside Causes													
2022	69.43	2.66	26.17	4.34	22.30	5.09	0.39	3.58	0.63	0.02	1.07	2.29	0.88
Major Events													
2022	8.91	0.00	8.11	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.19

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

316

Add or Delete Rows as Necessary

Texas-New Mexico Power Company

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
1	147	Coyonosa Substation	25P1356	104	9.34
2	11	Kermit #1 Substation	4K04	522	8.53
3	52	Cedarvale Sub	25P1540	279	8.38
4	180	Airport Substation	12F271	111	6.89
5	143	Kermit #1 Substation	4K02	265	6.10
6	63	Coyote Springs Substation	13P37	156	5.53
7	213	Elm Street Substation	12P1072	1167	5.41
8	2	Cottonwood Substation	25P1227	33	5.39
9	158	Tolar Substation	25860	602	5.30
10	162	Pyote Substation	25P217	72	5.07
11	New	Airport Substation	12F831	707	4.97
12	77	West Columbia Local Substation	1235	765	4.26
13	7	Keystone Substation	12K434	167	4.17
14	267	South Shore Substation	1196	1678	4.05
15	57	Flat Top Substation	26P01	61	3.95
16	189	Coyonosa Substation	25P1352	57	3.75
17	139	Coryell County Substation	22160	73	3.73
18	99	County Road Substation	12P1010	1213	3.67
19	70	Belding Substation	12F161	38	3.55
20	178	Alvin Substation	1117	1677	3.54
21	1	Coyote Springs Substation	12P28	145	3.45
22	111	Butler Road Substation	1436	3764	3.33
23	142	Belding Substation	12F164	17	3.29
24	196	Brazoria Substation	1290	930	3.11
25	72	Glen Rose Substation	22285	1003	3.06
26	234	Westminster Substation	15804	426	3.03
27	179	Hamilton County Substation	24015	636	3.03
28	18	Freeway Park Substation	1102	2125	3.02
29	141	Lakepointe Substation	2540	770	3.00
30	283	Lakepointe Substation	2508	518	2.93
31	214	Walnut Springs Substation	2210	462	2.90
32	221	Whitewright Substation	12574	326	2.67
33	154	Kermit #1 Substation	4K03	261	2.60
34	150	Tarbush Substation	25P942	91	2.56
35	181	Thurber Substation	1490	806	2.51
36	152	Coyonosa Substation	25P1360	123	2.51
37	82	W.D. Faulkner Substation	25P1027	11	2.47
38	41	Wickett Substation	12K449	227	2.46
39	151	Gomez Substation	25F05	24	2.46
40	194	Alvin Substation	1259	752	2.41
41	19	Alvin Substation	1115	2199	2.38
42	40	Meridian Substation	23210	838	2.35
43	26	California Substation	12K87	64	2.33
44	103	Heights Substation	1224	1565	2.32
45	250	Meridian Substation	23205	359	2.32
46	249	Friendswood Substation	1107	1821	2.30
47	182	Tejas Substation	1215	1311	2.28
48	105	Northside Substation	1292	711	2.25
49	64	Brazoria Substation	1271	1756	2.23
50	300	Kermit #2 Substation	4K07	324	2.22

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
51	37	Northside Substation	1294	1025	2.19
52	22	West Columbia Local Substation	1234	1416	2.19
53	48	Angleton Substation	1155	1276	2.18
54	126	Ringgold Substation	23774	48	2.15
55	122	South Shore Substation	1195	1245	2.14
56	127	Angleton Substation	1243	1385	2.13
57	305	Sycamore Substation	24100	32	2.12
58	6	Glen Rose Substation	22300	1159	2.11
59	206	West Substation	1223	2391	2.11
60	71	Alvin Substation	1257	2260	2.09
61	222	Krugerville Substation	2608	2481	2.09
62	New	Alamo Substation	12F1253	814	2.06
63	220	South Substation	1109	818	2.01
64	112	Mainland Substation	1454	2049	2.01
65	144	Lakepointe Substation	2524	1469	2.00
66	271	Lakepointe Substation	2544	174	2.00
67	135	Old Ocean Substation	1260	57	2.00
68	88	Walnut Springs Substation	25925	73	2.00
69	17	Farmersville West Substation	23568	925	1.95
70	42	Nocona Substation	13374	657	1.90
71	210	La Marque Substation	1204	1618	1.89
72	23	Coyote Springs Substation	12P921	156	1.87
73	262	California Substation	12K86	29	1.86
74	78	Blossom Substation	2207	121	1.86
75	128	Cedarvale Sub	12P1189	53	1.83
76	172	Friendswood Substation	1251	1815	1.81
77	67	Winkler County #6 Substation	25K11	45	1.76
78	44	Glen Rose Substation	22295	798	1.71
79	160	Friendswood Substation	1109	1520	1.70
80	30	Northside Substation	1295	2301	1.69
81	236	Downtown 12.5KV Substation	12F114	592	1.69
82	284	Longneck Substation	23130	2106	1.67
83	New	Hidden Lakes Substation	1478	75	1.66
84	92	Hamilton County Substation	2340	150	1.65
85	61	Sycamore Substation	24105	162	1.62
86	20	Flat Top Substation	25P657	87	1.62
87	87	Climax Substation	2234	1647	1.61
88	244	Airport Substation	12F44	954	1.60
89	211	W.D. Faulkner Substation	25P1023	138	1.60
90	231	Coryell County Substation	22365	1085	1.59
91	255	Nocona Substation	12486	168	1.57
92	270	Dickinson Substation	1279	2957	1.56
93	34	Sweeny Substation	1129	702	1.56
94	145	Nocona Substation	13370	666	1.53
95	205	Tejas Substation	1217	155	1.50
96	8	Kermit #2 Substation	12K48	547	1.48
97	302	Lakepointe Substation	2516	714	1.48
98	74	Alvin Substation	1230	2476	1.43
99	197	Angleton Substation	1240	1576	1.41
100	104	Nocona Substation	12490	320	1.41
101	115	Graham Substation	12605	129	1.36
102	280	South Substation	1102	1492	1.36
103	123	Blue Ridge Substation	22700	548	1.34
104	24	Hidden Lakes Substation	1477	1765	1.34
105	230	League City Main Substation	1280	1487	1.33

Service Quality Report to the Public Utility Commission of Texas

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2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
106	227	Leonard Substation	14635	532	1.31
107	110	Freeway Park Substation	1103	1383	1.31
108	232	Valley Mills Substation	22570	476	1.30
109	84	Heights Substation	1132	2212	1.30
110	200	Westminster Substation	15800	128	1.29
111	65	Alvin Substation	1231	2222	1.23
112	16	Freeway Park Substation	1101	1664	1.22
113	209	Seminole Substation	1404	2306	1.22
114	140	West Substation	1201	706	1.22
115	217	16th Street Substation	13F14	336	1.21
116	85	Wickett Substation	12K446	37	1.21
117	185	West Columbia Local Substation	1237	795	1.21
118	177	Lake Whitney Substation	1230	530	1.20
119	287	Hico City Substation	390	274	1.19
120	193	Deport Substation (ONCOR)	22164	629	1.19
121	95	Handley Substation	22825	476	1.18
122	174	La Marque Substation	1202	993	1.18
123	176	League City Main Substation	1283	2227	1.18
124	124	Kermit #2 Substation	12K98	345	1.17
125	59	16th Street Substation	12F71	1687	1.16
126	239	Lone Oak Substation	13388	473	1.15
127	218	Sweeny Substation	1264	1372	1.15
128	121	Angleton Substation	1242	531	1.15
129	118	South Shore Substation	1192	1738	1.14
130	199	Longneck Substation	23537	580	1.13
131	161	Friendswood Substation	1108	1888	1.13
132	299	West Substation	1222	1396	1.13
133	184	Walnut Springs Substation	2200	402	1.12
134	188	Leonard Substation	14631	482	1.12
135	198	Northside Substation	1293	614	1.11
136	21	Jones Street Substation	1412	905	1.08
137	224	South Bend Substation	1300	156	1.08
138	15	Puckett Substation	25F18	39	1.08
139	261	South Substation	1104	3522	1.07
140	229	Hamilton County Substation	2345	225	1.07
141	136	League City Main Substation	1011	1030	1.05
142	278	Texas Instruments Substation	1032	3699	1.05
143	292	Clifton #1 4KV Substation	407	326	1.04
144	289	West Substation	1221	1946	1.04
145	279	Lakepointe Substation	2512	2504	1.03
146	275	Texas Instruments Substation	1012	1449	1.02
147	New	Elm Street Substation	12P1138	100	1.01
148	New	Butler Road Substation	1438	44	1.00
149	50	Meridian Substation	690	245	1.00
150	237	Sweeny Substation	1263	517	1.00
151	257	West Substation	1202	1028	1.00
152	131	West Substation	1203	950	1.00
153	169	Thurber Substation	1447	631	1.00
154	146	Magnolia Substation	1149	1593	0.97
155	153	Blossom Substation	2203	1435	0.96
156	175	Emory Substation (ONCOR)	1201	976	0.95
157	5	Lone Star Substation	25P1414	79	0.94
158	281	Graham Substation	1245	147	0.90

Service Quality Report to the Public Utility Commission of Texas

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2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
159	155	Valley Mills Substation	22575	703	0.90
160	28	Cedarvale Sub	12P1193	38	0.89
161	168	La Marque Substation	1201	870	0.88
162	97	Bryson Substation	1230	429	0.84
163	New	Pyote Substation	25P691	38	0.79
164	190	Worsham Field Substation	12P725	194	0.78
165	132	South Shore Substation	1194	1606	0.76
166	216	Leonard Substation	12682	249	0.74
167	186	Friendswood Substation	1253	885	0.71
168	89	Red River Substation	2229	365	0.71
169	90	Hill County Substation	22125	759	0.65
170	94	Leonard Substation	12678	552	0.65
171	66	Saddleback Substation	12P813	27	0.63
172	157	Red River Substation	2252	1116	0.63
173	81	Elm Street Substation	12P1080	1189	0.63
174	31	Seminole Substation	1402	1912	0.62
175	203	Jones Street Substation	1433	1050	0.58
176	96	Tejas Substation	1212	244	0.57
177	166	La Marque Substation	1203	429	0.55
178	195	Magnolia Substation	1148	2225	0.51
179	75	Brazoria Substation	1291	644	0.49
180	43	Glen Rose Substation	22305	794	0.47
181	225	South Substation	1103	1681	0.46
182	4	Dickinson Substation	1277	1742	0.45
183	38	Saddleback Substation	12P821	302	0.44
184	173	League City Main Substation	1282	2050	0.43
185	32	Hill County Substation	23340	650	0.43
186	54	Alvin Substation	1116	1952	0.41
187	254	Magnolia Substation	1144	1392	0.41
188	170	League City Main Substation	1012	922	0.40
189	109	Clifton #1 22KV Substation	22480	141	0.40
190	167	Alvin Substation	1254	1856	0.39
191	183	Saint Jo Substation	15761	209	0.38
192	298	Hidden Lakes Substation	1476	559	0.38
193	290	Butler Road Substation	1437	1202	0.38
194	80	Sweeny Substation	1128	1474	0.37
195	53	Puckett Substation	25F14	54	0.37
196	119	Dickinson Substation	1267	2411	0.37
197	293	Hamilton City Substation	23820	198	0.36
198	248	Keystone Substation	12K437	712	0.36
199	208	Dickinson Substation	1272	1532	0.36
200	102	Whitewright Substation	12575	757	0.35
201	98	Whitney Substation	22455	482	0.35
202	39	Tejas Substation	1214	540	0.34
203	New	Alamo Substation	12F1288	457	0.33
204	76	Friendswood Substation	1252	1701	0.33
205	60	West Columbia Local Substation	1233	1065	0.32
206	191	Olney Substation	1695	583	0.32
207	159	Angleton Substation	1244	1394	0.31
208	163	Freeway Park Substation	1299	857	0.31
209	164	Dickinson Substation	1274	644	0.31
210	35	Freeway Park Substation	1298	2127	0.31
211	253	16th Street Substation	12F72	457	0.30

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
212	83	Lone Star Substation	25P1410	37	0.30
213	29	Gatesville #2 Substation	22725	483	0.28
214	149	Longneck Substation	23668	11	0.27
215	62	Brazoria Substation	1270	964	0.27
216	251	Saint Jo Substation	15757	404	0.26
217	73	Gomez Substation	25F61	19	0.26
218	192	League City Main Substation	1285	1509	0.25
219	129	Downtown 12.5KV Substation	12F520	302	0.25
220	202	Magnolia Substation	1145	434	0.25
221	187	Thurber Substation	22890	419	0.25
222	113	Krugerville Substation	2604	2547	0.24
223	212	Dickinson Substation	1266	641	0.24
224	49	Gatesville #2 Substation	23065	530	0.24
225	51	Talco West Substation	22237	29	0.24
226	56	Bryson Substation	1233	187	0.24
227	304	Clifton #2 Substation	24370	230	0.23
228	233	Downtown 12.5KV Substation	12F130	704	0.23
229	79	Northside Substation	1228	1418	0.22
230	130	Jones Street Substation	1431	1334	0.22
231	9	Whitewright Substation	13563	353	0.22
232	219	Heights Substation	1222	596	0.21
233	New	Cholla Substation	25P1475	33	0.21
234	277	Whitney #2 Substation	22465	391	0.21
235	269	Old Ocean Substation	1262	485	0.19
236	New	Pyote Substation	25P694	64	0.19
237	238	Lake Whitney Substation	12355	906	0.19
238	14	Heights Substation	1134	888	0.19
239	201	West Substation	1235	1583	0.19
240	148	County Road Substation	12P986	1157	0.18
241	204	Frontier Substation	4236	258	0.18
242	68	Magnolia Substation	1150	836	0.17
243	36	Clifton #1 22KV Substation	22485	105	0.17
244	207	Whitney Substation	22450	567	0.17
245	86	Olney Substation	1690	430	0.16
246	134	Hamilton City Substation	22780	671	0.15
247	91	Whitney Substation	22460	623	0.15
248	New	Alamo Substation	12F1257	905	0.14
249	274	League City Main Substation	1281	622	0.14
250	New	Alamo Substation	12F1284	336	0.13
251	120	South Shore Substation	1190	2273	0.13
252	226	Angleton Substation	1153	2518	0.13
253	297	Clifton #2 Substation	4165	311	0.13
254	125	Jones Street Substation	1413	83	0.12
255	235	League City Main Substation	1010	1147	0.12
256	45	County Road Substation	12P1014	957	0.12
257	93	South Substation	1108	1933	0.12
258	243	La Marque Substation	1110	336	0.12
259	106	Sanderson Substation	4S27	104	0.12
260	246	Freeway Park Substation	1297	377	0.11
261	33	La Marque Substation	1205	994	0.11
262	116	County Road Substation	12P1048	70	0.10
263	165	Angleton Substation	1241	1520	0.09
264	69	Walnut Springs Substation	2215	115	0.09

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2022 SAIFI Ranking	2021 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIFI Value
265	10	Alvin Substation	1232	1284	0.09
266	117	Clifton #1 22KV Substation	22495	373	0.08
267	27	Whitewright Substation	12698	1025	0.08
268	291	South Substation	1107	1324	0.07
269	241	Jones Street Substation	1411	2179	0.07
270	301	Cedarvale Sub	25P1536	29	0.07
271	46	League City Main Substation	1284	2334	0.07
272	108	Olney Substation	1685	453	0.07
273	3	Magnolia Substation	1146	3007	0.07
274	252	Coryell County Substation	22155	880	0.06
275	107	Seminole Substation	1403	1208	0.05
276	260	Red River Substation	2262	78	0.05
277	223	Angleton Substation	1245	971	0.05
278	47	Nocona Substation	13610	713	0.05
279	240	Sand Lake Substation	25P870	52	0.05
280	294	Petrolia Substation	15951	202	0.04
281	New	Lone Star Substation	25P174	23	0.04
282	215	Sanderson Substation	4S28	276	0.04
283	55	Whitewright Substation	12573	209	0.04
284	258	Hico City Substation	395	566	0.04
285	137	Elm Street Substation	12P1076	329	0.04
286	228	Angleton Substation	1154	1932	0.03
287	265	Hamilton City Substation	22785	373	0.03
288	New	Lone Star Substation	25P171	33	0.03
289	285	Trenton Substation	4120	204	0.03
290	295	Gatesville #2 Substation	426	458	0.03
291	101	Petrolia Substation	12260	648	0.03
292	272	Sanderson Substation	4S26	236	0.03
293	171	Lone Oak Substation	13384	411	0.02
294	256	Clifton #2 Substation	23165	97	0.02
295	138	Mainland Substation	1455	52	0.02
296	264	Kermit #2 Substation	4K06	212	0.02
297	296	Clifton #1 4KV Substation	405	222	0.02
298	13	Longneck Substation	23126	2262	0.02
299	25	Texas Instruments Substation	1033	2343	0.02
300	282	Handley Substation	22820	66	0.02
301	114	South Shore Substation	1191	1882	0.01
302	New	Airport Substation	12F835	73	0.01
303	New	Elm Street Substation	12P1130	243	0.01
304	156	Valley Mills Substation	22565	431	0.01
305	259	Texas Instruments Substation	2744	952	0.01
306	286	Gatesville #2 Substation	429	440	0.01
307	273	West Substation	1233	597	0.01
308	133	West Substation	1234	1576	0.01
309	276	Hamilton City Substation	23825	325	0.01
310	303	Lakepointe Substation	2536	1555	0.01
311	288	Old Ocean Substation	1261	193	0.01
312	100	Meridian Substation	680	311	0.00
313	New	Elm Street Substation	12P1134	625	0.00
314	245	Clifton #2 Substation	4160	319	0.00
315	263	Kermit #1 Substation	4K05	187	0.00
316	266	Texas Instruments Substation	1013	1909	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

316

Add or Delete Rows as Necessary

Texas-New Mexico Power Company

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
1	50	Gomez Substation	25F05	24	1,954.79
2	5	Cottonwood Substation	25P1227	33	1,500.18
3	26	Coyonosa Substation	25P1356	104	909.97
4	77	Flat Top Substation	26P01	61	828.80
5	127	Tolar Substation	25860	602	811.69
6	159	Airport Substation	12F271	111	779.29
7	27	Coyonosa Substation	25P1360	123	758.49
8	178	Thurber Substation	1490	806	750.86
9	4	Coyote Springs Substation	12P28	145	676.47
10	35	Glen Rose Substation	22285	1003	667.64
11	90	Cedarvale Sub	12P1189	53	601.06
12	199	Coryell County Substation	22160	73	577.29
13	113	Pyote Substation	25P217	72	545.51
14	75	Tarbush Substation	25P942	91	535.63
15	201	Hamilton County Substation	24015	636	534.57
16	44	Coyote Springs Substation	13P37	156	529.05
17	171	Coyonosa Substation	25P1352	57	454.70
18	160	West Columbia Local Substation	1235	765	374.08
19	31	Cedarvale Sub	25P1540	279	369.34
20	190	W.D. Faulkner Substation	25P1023	138	364.34
21	257	South Shore Substation	1196	1678	356.99
22	85	California Substation	12K87	64	353.41
23	17	Glen Rose Substation	22295	798	343.50
24	215	Kermit #1 Substation	4K02	265	339.77
25	37	Keystone Substation	12K434	167	332.62
26	95	Belding Substation	12F161	38	330.29
27	36	W.D. Faulkner Substation	25P1027	11	318.18
28	97	Heights Substation	1224	1565	308.89
29	232	Whitewright Substation	12574	326	306.68
30	102	Tejas Substation	1215	1311	297.37
31	179	Alvin Substation	1259	752	296.84
32	7	Glen Rose Substation	22300	1159	287.86
33	49	Handley Substation	22825	476	287.21
34	216	Coryell County Substation	22365	1085	285.73
35	87	Kermit #1 Substation	4K04	522	281.38
36	114	Blossom Substation	2207	121	281.20
37	210	Brazoria Substation	1290	930	271.68
38	205	Elm Street Substation	12P1072	1167	271.27
39	204	Walnut Springs Substation	2210	462	263.70
40	39	Hamilton County Substation	2340	150	254.32
41	112	Butler Road Substation	1436	3764	252.72
42	9	Ringgold Substation	23774	48	242.17
43	52	Walnut Springs Substation	25925	73	239.86
44	92	Freeway Park Substation	1102	2125	232.22
45	151	Thurber Substation	1447	631	230.82
46	56	Nocona Substation	12490	320	219.94
47	129	Blue Ridge Substation	22700	548	219.89
48	123	Alvin Substation	1117	1677	216.60
49	214	Belding Substation	12F164	17	214.94
50	New	Pyote Substation	25P691	38	213.95

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
51	224	Leonard Substation	12682	249	208.59
52	193	La Marque Substation	1204	1618	207.28
53	1	Wickett Substation	12K449	227	201.65
54	213	Leonard Substation	14635	532	198.68
55	48	Angleton Substation	1155	1276	197.30
56	25	Northside Substation	1295	2301	192.21
57	117	Walnut Springs Substation	2200	402	192.17
58	230	Meridian Substation	23205	359	190.55
59	2	Puckett Substation	25F18	39	187.03
60	69	Emory Substation (ONCOR)	1201	976	184.44
61	279	Lakepointe Substation	2508	518	183.46
62	12	Meridian Substation	23210	838	178.51
63	148	Friendswood Substation	1109	1520	173.63
64	133	South Shore Substation	1195	1245	173.24
65	96	Heights Substation	1132	2212	170.32
66	163	County Road Substation	12P1010	1213	168.91
67	73	Friendswood Substation	1251	1815	166.50
68	118	Lakepointe Substation	2540	770	163.36
69	124	Mainland Substation	1454	2049	163.13
70	173	Northside Substation	1292	711	161.48
71	302	Kermit #2 Substation	4K07	324	159.28
72	18	Lone Star Substation	25P1414	79	152.65
73	166	Friendswood Substation	1108	1888	152.30
74	New	Airport Substation	12F831	707	150.61
75	291	Clifton #1 4KV Substation	407	326	147.36
76	New	Hidden Lakes Substation	1478	75	145.52
77	11	Jones Street Substation	1412	905	139.52
78	253	Lone Oak Substation	13388	473	139.25
79	211	Hamilton County Substation	2345	225	138.80
80	100	Friendswood Substation	1253	885	133.90
81	29	Northside Substation	1294	1025	131.59
82	267	Nocona Substation	12486	168	131.46
83	110	West Columbia Local Substation	1234	1416	130.86
84	192	Westminster Substation	15800	128	130.60
85	14	Worsham Field Substation	12P725	194	129.18
86	240	Bryson Substation	1230	429	127.36
87	168	Graham Substation	12605	129	126.81
88	266	South Substation	1102	1492	126.47
89	8	Alvin Substation	1115	2199	126.39
90	144	League City Main Substation	1011	1030	124.96
91	231	Westminster Substation	15804	426	124.33
92	138	La Marque Substation	1201	870	122.35
93	198	Kermit #2 Substation	12K98	345	121.76
94	13	Flat Top Substation	25P657	87	121.74
95	249	Valley Mills Substation	22570	476	116.89
96	145	Tejas Substation	1212	244	115.80
97	82	Sycamore Substation	24105	162	115.35
98	74	Alvin Substation	1230	2476	113.87
99	153	Alvin Substation	1231	2222	112.43
100	64	Hidden Lakes Substation	1477	1765	112.31
101	131	South Shore Substation	1194	1606	112.29
102	19	Hill County Substation	23340	650	111.69
103	305	Sycamore Substation	24100	32	111.59
104	258	California Substation	12K86	29	109.86
105	143	Longneck Substation	23537	580	108.24

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
106	55	Farmersville West Substation	23568	925	106.40
107	294	Hamilton City Substation	23820	198	104.15
108	195	Kermit #1 Substation	4K03	261	103.04
109	New	Pyote Substation	25P694	64	102.91
110	83	Climax Substation	2234	1647	101.58
111	22	Dickinson Substation	1277	1742	101.13
112	220	Krugerville Substation	2608	2481	100.08
113	68	Alvin Substation	1257	2260	99.80
114	40	Wickett Substation	12K446	37	99.66
115	61	Nocona Substation	13374	657	99.51
116	108	Lakepointe Substation	2524	1469	99.29
117	28	Coyote Springs Substation	12P921	156	98.98
118	194	Leonard Substation	14631	482	98.23
119	45	Saddleback Substation	12P813	27	97.48
120	202	Dickinson Substation	1272	1532	95.41
121	177	League City Main Substation	1283	2227	95.39
122	180	Tejas Substation	1217	155	89.41
123	235	Angleton Substation	1243	1385	88.40
124	120	South Shore Substation	1192	1738	88.33
125	79	Hill County Substation	22125	759	87.97
126	91	Red River Substation	2229	365	87.18
127	191	League City Main Substation	1280	1487	85.72
128	264	Lakepointe Substation	2544	174	85.32
129	38	Glen Rose Substation	22305	794	83.98
130	164	Magnolia Substation	1148	2225	83.38
131	165	Deport Substation (ONCOR)	22164	629	83.37
132	34	West Substation	1203	950	82.65
133	126	Freeway Park Substation	1103	1383	81.77
134	116	Brazoria Substation	1271	1756	81.37
135	142	Elm Street Substation	12P1080	1189	80.79
136	217	South Substation	1109	818	79.75
137	256	Texas Instruments Substation	1012	1449	78.86
138	269	Dickinson Substation	1279	2957	76.83
139	103	Sweeny Substation	1129	702	76.77
140	275	West Substation	1223	2391	75.42
141	221	South Substation	1103	1681	75.42
142	94	Valley Mills Substation	22575	703	74.22
143	218	Old Ocean Substation	1260	57	74.00
144	268	Longneck Substation	23130	2106	73.97
145	245	Friendswood Substation	1107	1821	73.28
146	132	Magnolia Substation	1149	1593	73.25
147	20	Cedarvale Sub	12P1193	38	71.26
148	150	Dickinson Substation	1267	2411	71.13
149	182	West Substation	1201	706	71.06
150	260	Downtown 12.5KV Substation	12F114	592	70.77
151	104	Blossom Substation	2203	1435	66.87
152	176	Seminole Substation	1404	2306	62.83
153	284	Graham Substation	1245	147	62.03
154	43	Winkler County #6 Substation	25K11	45	61.20
155	72	Leonard Substation	12678	552	59.53
156	76	16th Street Substation	12F71	1687	59.35
157	New	Alamo Substation	12F1253	814	58.46
158	263	Lakepointe Substation	2512	2504	55.44

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
159	139	Angleton Substation	1240	1576	53.58
160	276	Texas Instruments Substation	1032	3699	53.50
161	New	Elm Street Substation	12P1138	100	51.37
162	196	West Substation	1235	1583	51.12
163	109	Red River Substation	2252	1116	50.89
164	78	La Marque Substation	1203	429	50.50
165	188	Jones Street Substation	1433	1050	49.24
166	299	Lakepointe Substation	2516	714	48.46
167	286	Hico City Substation	390	274	47.93
168	238	16th Street Substation	13F14	336	47.91
169	146	Dickinson Substation	1274	644	47.06
170	233	Magnolia Substation	1144	1392	46.74
171	98	Kermit #2 Substation	12K48	547	46.59
172	187	Clifton #1 22KV Substation	22480	141	46.52
173	140	League City Main Substation	1012	922	45.72
174	15	Freeway Park Substation	1101	1664	44.60
175	209	West Columbia Local Substation	1237	795	43.97
176	161	Angleton Substation	1242	531	43.87
177	169	Nocona Substation	13370	666	42.82
178	149	La Marque Substation	1202	993	42.63
179	262	Airport Substation	12F44	954	42.33
180	65	Seminole Substation	1402	1912	40.03
181	283	Butler Road Substation	1437	1202	39.37
182	59	Longneck Substation	23668	11	39.36
183	134	League City Main Substation	1282	2050	38.89
184	63	Whitney Substation	22455	482	38.16
185	60	Freeway Park Substation	1299	857	37.85
186	174	Magnolia Substation	1145	434	37.72
187	234	Sweeny Substation	1264	1372	37.30
188	184	Bryson Substation	1233	187	37.12
189	197	Freeway Park Substation	1297	377	35.89
190	203	Dickinson Substation	1266	641	35.73
191	101	Lone Star Substation	25P1410	37	35.46
192	208	Northside Substation	1293	614	35.05
193	3	Tejas Substation	1214	540	34.32
194	154	Friendswood Substation	1252	1701	34.22
195	244	West Substation	1202	1028	33.81
196	223	Frontier Substation	4236	258	33.73
197	47	Freeway Park Substation	1298	2127	33.52
198	54	Alvin Substation	1116	1952	33.07
199	105	Sweeny Substation	1128	1474	32.23
200	242	Brazoria Substation	1291	644	32.00
201	297	West Substation	1222	1396	31.03
202	New	Cholla Substation	25P1475	33	30.94
203	130	Lake Whitney Substation	1230	530	30.74
204	23	Saddleback Substation	12P821	302	30.34
205	New	Alamo Substation	12F1288	457	29.84
206	86	Whitewright Substation	12575	757	29.74
207	135	Alvin Substation	1254	1856	29.74
208	152	Hamilton City Substation	22780	671	29.06
209	106	Northside Substation	1228	1418	29.04
210	200	Jones Street Substation	1431	1334	28.51
211	158	Olney Substation	1695	583	27.72

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
212	88	Puckett Substation	25F14	54	26.85
213	175	Saint Jo Substation	15761	209	26.46
214	81	Krugerville Substation	2604	2547	26.46
215	32	Heights Substation	1134	888	25.36
216	237	Downtown 12.5KV Substation	12F130	704	25.28
217	167	Thurber Substation	22890	419	25.28
218	122	Angleton Substation	1244	1394	25.22
219	183	League City Main Substation	1285	1509	24.48
220	293	West Substation	1221	1946	24.36
221	227	Saint Jo Substation	15757	404	23.63
222	New	Buller Road Substation	1438	44	23.00
223	274	Clifton #2 Substation	4165	311	21.32
224	207	Heights Substation	1222	596	21.15
225	271	Clifton #2 Substation	24370	230	21.08
226	137	Downtown 12.5KV Substation	12F520	302	21.03
227	89	Gatesville #2 Substation	23065	530	20.99
228	247	Keystone Substation	12K437	712	20.24
229	225	La Marque Substation	1110	336	20.19
230	229	South Shore Substation	1190	2273	20.13
231	93	County Road Substation	12P1048	70	19.13
232	21	Talco West Substation	22237	29	18.38
233	33	Whitewright Substation	13563	353	18.38
234	243	Lake Whitney Substation	12355	906	17.36
235	6	Gomez Substation	25F61	19	17.21
236	251	South Substation	1104	3522	16.27
237	71	Brazoria Substation	1270	964	16.22
238	212	South Bend Substation	1300	156	16.10
239	277	16th Street Substation	12F72	457	16.05
240	30	Magnolia Substation	1150	836	15.23
241	84	West Columbia Local Substation	1233	1065	15.02
242	282	Whitney #2 Substation	22465	391	15.00
243	304	Clifton #1 22KV Substation	22495	373	14.95
244	10	La Marque Substation	1205	994	13.95
245	24	Alvin Substation	1232	1284	13.43
246	278	Old Ocean Substation	1262	485	13.33
247	New	Alamo Substation	12F1257	905	13.24
248	239	League City Main Substation	1010	1147	12.30
249	186	Whitney Substation	22460	623	12.15
250	261	Sweeny Substation	1263	517	12.00
251	155	Sanderson Substation	4S27	104	11.54
252	157	Olney Substation	1690	430	11.02
253	141	South Substation	1108	1933	10.77
254	70	County Road Substation	12P1014	957	10.72
255	136	Jones Street Substation	1413	83	10.60
256	219	Whitney Substation	22450	567	10.47
257	16	Magnolia Substation	1146	3007	10.07
258	42	Meridian Substation	690	245	10.00
259	170	Walnut Springs Substation	2215	115	9.98
260	301	Cedarvale Sub	25P1536	29	9.69
261	41	Gatesville #2 Substation	22725	483	9.10
262	254	League City Main Substation	1281	622	8.87
263	280	South Substation	1107	1324	8.68
264	46	Lone Oak Substation	13384	411	8.08

Service Quality Report to the Public Utility Commission of Texas

Texas-New Mexico Power Company

2022 SAIDI Ranking	2021 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2022 SAIDI Value
265	189	Angleton Substation	1153	2518	8.00
266	246	Hico City Substation	395	566	7.88
267	New	Airport Substation	12F835	73	7.71
268	58	Clifton #1 22KV Substation	22485	105	6.87
269	New	Alamo Substation	12F1284	336	6.85
270	281	Petrolia Substation	15951	202	6.84
271	272	Sanderson Substation	4S26	236	6.61
272	228	Sand Lake Substation	25P870	52	6.30
273	62	Seminole Substation	1403	1208	5.99
274	125	Whitewright Substation	12698	1025	5.72
275	119	League City Main Substation	1284	2334	5.64
276	121	Elm Street Substation	12P1076	329	5.57
277	New	County Road Substation	12P986	1157	5.54
278	156	Olney Substation	1685	453	5.28
279	162	Angleton Substation	1241	1520	4.98
280	181	Jones Street Substation	1411	2179	4.96
281	New	Lone Star Substation	25P171	33	4.52
282	285	Trenton Substation	4120	204	4.23
283	241	Angleton Substation	1245	971	4.02
284	250	Coryell County Substation	22155	880	3.85
285	252	Red River Substation	2262	78	3.56
286	265	Hamilton City Substation	22785	373	3.48
287	80	Petrolia Substation	12260	648	3.20
288	99	Clifton #1 4KV Substation	405	222	3.18
289	296	Mainland Substation	1455	52	3.17
290	107	South Shore Substation	1191	1882	3.12
291	185	Angleton Substation	1154	1932	3.11
292	67	Whitewright Substation	12573	209	3.07
293	New	Lone Star Substation	25P174	23	3.00
294	172	Nocona Substation	13610	713	2.57
295	292	Gatesville #2 Substation	426	458	2.56
296	New	Elm Street Substation	12P1130	243	2.24
297	289	Hidden Lakes Substation	1476	559	1.94
298	115	West Substation	1234	1576	1.94
299	66	Longneck Substation	23126	2262	1.85
300	111	Texas Instruments Substation	1033	2343	1.79
301	206	Texas Instruments Substation	2744	952	1.59
302	259	West Substation	1233	597	1.50
303	222	Sanderson Substation	4S28	276	1.38
304	288	Kermit #2 Substation	4K06	212	1.22
305	290	Handley Substation	22820	66	0.98
306	255	Hamilton City Substation	23825	325	0.98
307	303	Lakepointe Substation	2536	1555	0.81
308	147	Valley Mills Substation	22565	431	0.71
309	51	Meridian Substation	680	311	0.68
310	298	Clifton #2 Substation	23165	97	0.62
311	295	Old Ocean Substation	1261	193	0.35
312	287	Gatesville #2 Substation	429	440	0.11
313	New	Elm Street Substation	12P1134	625	0.04
314	300	Clifton #2 Substation	4160	319	0.00
315	273	Kermit #1 Substation	4K05	187	0.00
316	270	Texas Instruments Substation	1013	1909	0.00

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.

2022 Reporting Year

Causes of Forced Interruptions	Percentage
UTILITY-OWNED EQUIPMENT	31.1%
WEATHER	25.7%
VEGETATION	19.7%
ANIMALS AND BIRDS	15.0%
UNKNOWN	3.6%
PEOPLE	3.4%
OTHER	1.6%
TOTAL	100%

Texas New Mexico Power

Addendum to Reporting Year 2022 Service Quality Report

Discussion:

TNMP had 1 circuit on the 2021 Worst Performing Circuit list. These circuits exceeded 300% of the yearly system average SAIDI and SAIFI for two years. This document is an update on the performance of these circuits and includes the 2021 efforts and 2022 plans for improvement.

2021 System Average SAIFI **1.09**, 300% System Average **4.37**

2021 System Average SAIFI **102.31**, 300% System Average **409.23**

2021 SAIDI > 300% Repeating Circuit

- Glen Rose 22300 (2 Years – 1st Year Violation)

2021 SAIFI > 300% Repeating Circuits

- Glen Rose 22300 (2 Years – 1st Year Violation)

Glen Rose 22300:

This circuit is in violation due to SAIDI and SAIFI. The circuit starts in the heart of the City of Glen Rose, but most of the circuit feeds a rural, but growing part of the county. The primary reason for outages on this circuit are equipment failure, trees, and weather-related equipment problems.

- 23 KV circuit, 22 miles long, with 20 miles fed radially
- 1124 customers, residential, commercial, agricultural
- Overhead conductor, wood poles
- Serviced from the Glen Rose office; circuit begins 5 miles from office
- Reliability challenges – feeder length and exposure, 80% of customers are on a radial line, trees
- 2021 Large Outages:
 - May – Equipment Failure (Regulator) (1124 customers, 361,813 customer outage minutes)
 - October – Trees/Weather (977 customers, 139,811 customer outage minutes)
- 2021 Expenditures:
 - Perform line patrol, complete required maintenance: \$28K
 - Replaced Line Recloser: \$45K
- 2022 Expenditures:
 - Comprehensive Reliability Improvement Project: \$325K
 - Including: comprehensive coordination study with OH fuse replacements, two new reclosers, multiple switches with Fault Indicators; and several new Trip Saver locations
 - Perform line patrol, complete required maintenance: \$20k

