



## Filing Receipt

**Received - 2022-02-14 10:42:49 AM**

**Control Number - 52946**

**ItemNumber - 2**

**Service Quality Report**  
To The  
**Public Utility Commission of Texas**  
In Accordance With  
**Substantive Rule §25.81**  
**2021 Reporting Year**

**Project 52946**

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

<b>System SAIFI</b>	<b>Annual</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Forced</b>													
2021	1.21	0.06	0.04	0.06	0.09	0.23	0.15	0.15	0.11	0.10	0.12	0.07	0.07
<b>Scheduled</b>													
2021	0.32	0.03	0.02	0.03	0.02	0.03	0.04	0.03	0.03	0.03	0.02	0.02	0.02
<b>Outside Causes</b>													
2021	0.09	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.00
<b>Major Events</b>													
2021	3.16	0.00	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.12	0.00	0.00

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

<b>System SAIDI</b>	<b>Annual</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Forced</b>													
<b>2021</b>	135.94	6.39	6.46	5.51	8.21	32.73	15.43	14.81	13.03	10.62	12.39	6.28	6.91
<b>Scheduled</b>													
<b>2021</b>	37.46	2.41	1.81	3.49	3.10	3.16	4.79	3.15	4.24	2.48	3.19	3.24	3.34
<b>Outside Causes</b>													
<b>2021</b>	3.46	0.05	0.70	0.19	0.45	0.39	0.49	0.13	0.65	0.01	0.07	0.22	0.06
<b>Major Events</b>													
<b>2021</b>	2,189.01	0.02	2,020.89	0.00	0.04	0.02	0.02	0.01	0.21	188.36	21.22	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

<b>1677</b>
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Add or Delete Rows as Necessary

## CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
1	311	WA	42	1,314	10.8798
2	NEW	JCK	01	1,101	9.2480
3	NEW	SP	12	848	7.9434
4	1074	MC	01	1,214	7.3410
5	1119	FR	45	2,920	6.7425
6	16	SF	02	450	6.7133
7	806	AL	11	917	6.4493
8	378	AD	04	2,085	6.4249
9	1276	HY	11	1,098	6.3843
10	1230	BA	46	3,275	6.3359
11	1125	FL	46	5,113	6.0469
12	196	OB	46	3,840	5.9305
13	420	AR	44	3,872	5.8510
14	1093	SA	50	806	5.6725
15	310	KW	43	4,430	5.5736
16	NEW	JCK	02	473	5.5180
17	725	FD	14	2,405	5.2877
18	296	LW	41	4,492	5.2217
19	762	SP	09	2,680	5.1888
20	476	CE	02	1,621	5.1777
21	293	BA	43	3,944	5.0710
22	50	FR	47	5,611	4.9389
23	288	CB	12	1,868	4.9208
24	63	PW	07	1,444	4.8338
25	1214	AF	08	2,174	4.7958
26	778	FR	46	2,408	4.7587
27	840	QV	02	1,292	4.6455
28	466	CE	04	1,423	4.6044
29	1050	GW	01	2,133	4.5963
30	1226	GL	02	102	4.5882
31	187	SA	54	3,182	4.5735
32	90	NP	41	2,958	4.5578
33	673	OB	41	4,068	4.5071
34	610	TM	04	384	4.4688
35	292	FD	04	1,139	4.4583
36	432	BM	01	1,752	4.4361
37	427	GE	43	4,719	4.4223
38	232	SE	41	1,911	4.4087
39	924	GA	05	768	4.3802
40	1257	TE	10	590	4.3153
41	935	HB	49	3,415	4.2717
42	291	BI	41	2,716	4.2161
43	1333	CE	06	1,669	4.1803

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
44	165	VL	04	2,404	4.1789
45	NEW	WOR	46	4,223	4.1653
46	181	ADK	48	3,602	4.1255
47	244	KW	45	3,654	4.1040
48	48	KW	41	5,172	4.0893
49	345	SIE	41	4,441	4.0669
50	152	LJ	01	1,094	4.0576
51	554	WZ	47	4,006	4.0469
52	214	AR	41	2,464	4.0386
53	294	WL	42	651	4.0369
54	1057	RA	42	4,847	4.0301
55	1290	CE	03	1,319	3.9795
56	1005	TE	03	1,827	3.9234
57	876	WL	02	94	3.8830
58	354	DA	05	734	3.8597
59	355	WBY	03	1,881	3.7480
60	1196	KDL	45	2,838	3.7449
61	126	STW	01	1,215	3.7366
62	236	LAK	43	2,408	3.6973
63	920	STF	06	490	3.6959
64	819	UN	02	2,108	3.6879
65	811	TO	10	2,138	3.6698
66	825	BY	10	1,242	3.6481
67	207	SA	47	1,715	3.6356
68	417	SE	43	1,166	3.6269
69	84	FR	49	4,496	3.6228
70	278	DR	01	1,588	3.5970
71	45	UN	10	1,456	3.5927
72	625	VL	07	1,565	3.5783
73	1289	PA	09	1,111	3.5653
74	356	NM	01	805	3.5478
75	1316	ADK	44	413	3.5424
76	385	WLO	42	2,986	3.4930
77	154	DV	03	701	3.4579
78	5	HM	12	1,622	3.4550
79	153	SW	05	748	3.4078
80	491	GW	02	2,255	3.3778
81	358	BA	44	3,832	3.3732
82	1352	WEB	03	1,572	3.3728
83	1012	PW	04	1,390	3.3482
84	1607	IND	02	27	3.3333
85	981	ST	04	1,416	3.2952
86	693	BR	01	720	3.2819
87	163	CB	11	2,595	3.2647
88	1031	WL	41	814	3.2617
89	98	CE	01	1,402	3.2611
90	68	HB	48	3,026	3.2208
91	272	WF	48	4,863	3.2157

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
92	1260	PO	02	1,112	3.2104
93	1434	RO	03	1,062	3.2043
94	506	LW	44	2,549	3.2013
95	1457	SIE	45	2,933	3.2008
96	1200	KM	04	1,435	3.1993
97	51	UN	01	864	3.1840
98	1102	GP	05	666	3.1832
99	87	MC	06	97	3.1753
100	86	HY	10	2,062	3.1707
101	1495	RE	42	3,074	3.1679
102	1750	SF	47	1,059	3.1605
103	393	CRB	46	3,119	3.1549
104	471	LW	43	1,807	3.1411
105	1482	UL	16	510	3.1392
106	270	NSH	03	158	3.1329
107	1174	CE	07	1,704	3.1262
108	988	DR	05	2,090	3.1211
109	1401	RO	02	2,707	3.1160
110	898	PW	01	1,683	3.1010
111	331	KT	46	1,529	3.1007
112	1042	SIE	44	3,634	3.0685
113	726	RED	06	1,905	3.0677
114	869	GG	03	2,532	3.0561
115	1471	VCR	41	6,587	3.0425
116	511	HX	01	1,766	3.0334
117	1592	GA	01	38	2.9737
118	783	GT	13	1,171	2.9718
119	975	WT	01	1,221	2.9517
120	103	BV	42	3,717	2.9182
121	1027	FT	05	952	2.9170
122	788	BG	11	1,380	2.8935
123	148	TAN	46	150	2.8867
124	284	SP	01	1,284	2.8801
125	364	LA	01	1,540	2.8799
126	555	MAR	41	3,301	2.8794
127	763	AE	06	1,065	2.8638
128	227	SA	43	4,259	2.8601
129	1132	KN	02	2,076	2.8415
130	255	MU	02	1,033	2.8064
131	908	SA	03	675	2.8030
132	1252	BI	42	2,936	2.8004
133	871	BZ	08	1,461	2.7837
134	490	GP	07	1,072	2.7826
135	796	RT	01	362	2.7680
136	1040	LB	05	1,346	2.7467
137	952	CB	01	1,583	2.7429
138	970	CB	07	1,951	2.7427
139	697	DR	02	2,455	2.7075

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
140	34	SPW	43	4,470	2.7018
141	776	BR	02	1,054	2.6888
142	33	NP	44	2,803	2.6693
143	85	NV	06	438	2.6667
144	123	ST	01	1,200	2.6650
145	334	SR	12	978	2.6534
146	58	OA	05	1,474	2.6452
147	1525	BI	04	968	2.6436
148	319	SA	01	1,039	2.6256
149	473	WT	02	2,074	2.6119
150	248	AL	10	2,142	2.5952
151	938	HOC	02	1,721	2.5898
152	1268	CE	10	1,403	2.5802
153	877	DR	08	1,319	2.5663
154	403	CS	03	1,791	2.5494
155	314	RZ	03	1,260	2.5468
156	283	UV	08	525	2.5448
157	1325	LJ	02	1,671	2.5446
158	544	HB	46	4,947	2.5438
159	714	HOC	03	1,494	2.5408
160	812	CV	07	1,796	2.5379
161	336	PHR	02	2,355	2.5367
162	251	RT	02	498	2.5301
163	868	AN	01	888	2.5203
164	1045	SW	03	1,960	2.5199
165	83	UV	06	1,641	2.5149
166	879	KT	43	1,776	2.5130
167	125	RA	46	3,634	2.5118
168	245	WR	11	1,391	2.5068
169	159	BZ	01	443	2.4989
170	513	SPW	44	2,112	2.4953
171	57	TV	02	1,089	2.4839
172	789	GW	03	337	2.4659
173	519	SPW	45	3,365	2.4639
174	866	AN	10	1,579	2.4566
175	381	KG	41	1,511	2.4560
176	940	LW	42	2,011	2.4510
177	1109	GA	03	480	2.4458
178	809	WE	08	1,406	2.4360
179	131	TWG	44	5,733	2.4294
180	1153	JOR	41	2,550	2.4118
181	594	AN	09	1,518	2.4097
182	626	BA	04	1,276	2.4067
183	713	NEW	01	729	2.3896
184	827	PA	10	978	2.3865
185	679	SE	42	1,113	2.3854
186	1354	WO	12	1,674	2.3847
187	1339	WT	05	687	2.3770



## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
188	439	MC	04	1,967	2.3762
189	1640	BG	01	1,139	2.3687
190	689	SO	47	3,022	2.3673
191	880	HB	50	3,640	2.3670
192	551	KI	44	4,002	2.3661
193	1409	ST	08	641	2.3651
194	179	AF	09	2,562	2.3599
195	129	DV	10	1,209	2.3557
196	468	SF	42	2,568	2.3481
197	17	LU	03	999	2.3453
198	509	WW	10	1,953	2.3436
199	524	CB	06	919	2.3428
200	9	LAK	42	3,992	2.3402
201	250	MP	01	2,831	2.3306
202	18	CRB	47	3,378	2.3286
203	841	LA	04	1,464	2.3204
204	161	SW	08	428	2.3201
205	854	WO	02	1,697	2.3164
206	863	FR	43	3,575	2.3152
207	1131	WE	06	558	2.3047
208	110	SW	10	1,120	2.3036
209	742	SA	46	124	2.2984
210	833	SB	08	938	2.2953
211	70	CRB	43	4,506	2.2903
212	307	TO	08	678	2.2802
213	206	MID	03	1,947	2.2763
214	672	SF	12	455	2.2747
215	1222	LK	01	1,311	2.2647
216	365	UL	49	1,234	2.2634
217	536	FL	48	3,730	2.2601
218	426	CRB	42	2,969	2.2570
219	948	BL	02	1,535	2.2508
220	452	DL	45	3,284	2.2442
221	79	RA	41	3,095	2.2401
222	286	MV	01	291	2.2337
223	521	CC	04	1,199	2.2260
224	106	DN	06	1,363	2.2260
225	352	GG	09	1,967	2.2247
226	14	SO	50	1,163	2.2210
227	1267	FRY	42	3,951	2.2174
228	185	SR	10	1,259	2.2121
229	1234	AF	07	1,682	2.2105
230	1100	FR	41	2,728	2.2075
231	361	SO	42	5,283	2.2042
232	40	STW	02	1,398	2.2039
233	409	CL	04	60	2.1833
234	750	GL	06	1,604	2.1820
235	221	OR	41	558	2.1810

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
236	1331	WI	44	5,016	2.1786
237	1547	FZ	50	3,778	2.1776
238	1442	KT	42	7,248	2.1759
239	204	WF	41	1,246	2.1717
240	481	WO	13	748	2.1644
241	550	SA	45	1,387	2.1536
242	666	LU	42	2,964	2.1498
243	826	DV	05	1,469	2.1205
244	715	KN	03	927	2.1165
245	1326	TO	06	839	2.1073
246	115	BI	45	2,955	2.1042
247	1309	UV	07	1,094	2.0960
248	949	WO	05	1,395	2.0903
249	772	WT	06	682	2.0836
250	1337	KL	49	2,771	2.0812
251	604	KT	45	4,969	2.0809
252	795	NV	04	173	2.0809
253	1133	WI	06	1,047	2.0802
254	1161	LW	46	5,320	2.0763
255	706	SA	48	1,012	2.0761
256	615	MAR	47	3,097	2.0752
257	1312	SO	41	2,446	2.0720
258	212	HP	04	2,139	2.0683
259	1431	UL	04	1,279	2.0665
260	534	RO	41	3,089	2.0641
261	99	HL	04	641	2.0640
262	901	NS	02	2,041	2.0617
263	151	KDL	46	4,114	2.0506
264	953	DH	04	2,097	2.0353
265	652	CYF	41	166	2.0301
266	338	LJ	08	1,725	2.0290
267	64	SA	52	1,660	2.0253
268	813	CB	08	906	2.0199
269	1364	TAN	41	572	2.0122
270	842	LAK	46	2,995	2.0083
271	175	AF	10	1,650	2.0036
272	316	RU	04	1,635	1.9963
273	122	BH	07	1,352	1.9956
274	425	MP	03	2,167	1.9848
275	1202	FZ	46	3,829	1.9820
276	617	FRY	41	3,962	1.9778
277	1008	AL	05	1,558	1.9730
278	370	GV	06	1,482	1.9663
279	263	DN	01	1,183	1.9611
280	NEW	MC	10	839	1.9583
281	464	BR	10	1,242	1.9549
282	261	AD	05	1,389	1.9503
283	69	HG	04	1,898	1.9062

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
284	639	LV	01	928	1.9019
285	865	LJ	06	818	1.8973
286	149	IR	02	1,079	1.8971
287	421	WW	07	2,512	1.8965
288	523	TB	47	4,547	1.8861
289	759	SW	09	1,186	1.8820
290	262	SH	12	873	1.8809
291	428	PHR	01	2,781	1.8799
292	246	FZ	41	5,861	1.8772
293	746	BY	06	1,845	1.8710
294	899	SE	04	781	1.8681
295	941	HP	02	1,169	1.8614
296	26	SF	03	703	1.8393
297	1319	FRK	41	12	1.8333
298	1146	EU	07	1,314	1.8272
299	257	KB	12	1,065	1.8254
300	527	EB	05	701	1.8245
301	646	LK	09	993	1.8117
302	1078	WLO	43	3,358	1.8082
303	1552	MY	09	209	1.7943
304	55	PA	04	863	1.7903
305	231	NEW	03	890	1.7854
306	102	FD	03	1,030	1.7757
307	909	LK	02	2,255	1.7729
308	1165	FM	01	401	1.7606
309	698	KG	45	3,058	1.7534
310	749	ST	16	1,346	1.7526
311	362	JN	09	1,555	1.7479
312	1472	KN	06	2,332	1.7440
313	205	CV	03	953	1.7408
314	1328	CA	01	903	1.7398
315	887	HV	02	288	1.7326
316	37	WC	01	312	1.7308
317	592	LY	42	40	1.7250
318	1235	LY	47	519	1.7206
319	186	GA	06	669	1.7205
320	553	TE	06	1,178	1.7199
321	46	LM	03	864	1.7153
322	1063	WA	41	183	1.7104
323	NEW	BG	12	85	1.7059
324	722	STW	05	900	1.6878
325	1098	FD	09	2,492	1.6854
326	342	HK	41	698	1.6791
327	960	CL	05	1,140	1.6763
328	1001	RE	02	1,156	1.6747
329	430	CD	09	1,695	1.6737
330	545	BA	47	3,420	1.6705
331	118	BT	07	1,397	1.6693

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
332	1273	ST	14	643	1.6687
333	472	SA	49	1,471	1.6581
334	823	SR	03	1,274	1.6546
335	147	LJ	07	2,533	1.6494
336	366	CL	06	662	1.6480
337	172	FD	07	1,031	1.6469
338	837	LK	06	1,550	1.6439
339	678	NM	06	852	1.6385
340	1197	HY	13	723	1.6362
341	459	PA	11	1,701	1.6320
342	162	LAK	41	1,110	1.6315
343	1561	KB	10	859	1.6298
344	1064	HP	06	577	1.6291
345	716	RU	05	1,696	1.6232
346	692	AD	02	2,169	1.6229
347	561	MAR	50	3,636	1.6210
348	1110	DL	43	2,433	1.6202
349	655	HM	07	1,162	1.6162
350	1436	FT	10	1,542	1.6161
351	387	NV	01	891	1.6128
352	1528	HA	09	1,479	1.6119
353	1185	SW	06	1,075	1.6056
354	321	DN	04	1,971	1.6002
355	621	VL	03	20	1.6000
356	315	SO	46	3,325	1.5928
357	305	SW	07	1,826	1.5915
358	136	OR	03	1,188	1.5875
359	867	LK	05	2,359	1.5871
360	238	WZ	42	710	1.5859
361	1097	KL	47	3,180	1.5770
362	1394	MAR	43	3,105	1.5678
363	820	BA	42	5,105	1.5677
364	52	TWG	41	7,363	1.5663
365	372	GN	09	643	1.5599
366	107	AR	45	6,665	1.5583
367	992	TV	04	1,250	1.5576
368	258	PI	47	4,127	1.5571
369	268	BY	07	1,289	1.5500
370	489	KB	09	668	1.5479
371	117	MV	03	833	1.5474
372	745	LY	44	1,066	1.5469
373	1450	WF	44	4,889	1.5437
374	1203	GE	46	3,296	1.5343
375	1129	FP	07	1,016	1.5217
376	922	BL	08	1,849	1.5214
377	347	LAK	45	5,073	1.5200
378	324	KL	46	3,306	1.5148
379	954	EC	08	1,233	1.5134

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
380	386	SB	01	826	1.5133
381	656	UN	05	1,383	1.5076
382	198	JN	05	1,629	1.5071
383	141	LM	04	1,296	1.5023
384	143	LW	45	2,555	1.5022
385	743	FT	08	290	1.5000
386	500	OA	01	705	1.4979
387	699	WW	09	1,579	1.4978
388	1195	ME	10	647	1.4946
389	1422	SF	15	664	1.4880
390	8	AM	04	2,049	1.4871
391	1151	CD	07	1,229	1.4858
392	647	AV	02	1,313	1.4836
393	680	AE	05	259	1.4826
394	1089	HG	02	1,281	1.4824
395	411	BM	04	798	1.4762
396	886	CD	08	1,072	1.4739
397	254	TWG	43	2,161	1.4711
398	773	PI	48	4,027	1.4696
399	120	CS	02	1,669	1.4673
400	1668	FRK	43	15	1.4667
401	1025	BV	43	1,429	1.4640
402	1377	SA	42	463	1.4622
403	676	FD	01	1,644	1.4617
404	1340	WT	12	754	1.4615
405	774	BI	02	1,434	1.4533
406	31	HM	01	2,329	1.4504
407	696	SP	05	1,973	1.4470
408	538	MC	02	202	1.4455
409	1055	SA	44	1,092	1.4441
410	1470	UL	02	1,132	1.4426
411	674	SF	45	1,637	1.4392
412	NEW	WOR	43	1,902	1.4385
413	383	RZ	02	1,998	1.4384
414	846	WO	07	2,550	1.4376
415	851	LB	01	1,533	1.4371
416	943	GL	09	1,994	1.4358
417	624	WEB	02	434	1.4355
418	1168	ST	13	1,621	1.4337
419	634	EB	07	768	1.4336
420	515	ME	05	1,991	1.4294
421	184	EC	14	831	1.4236
422	1164	KI	45	3,155	1.4231
423	755	AT	43	2,146	1.4203
424	82	KW	42	4,187	1.4170
425	379	SR	15	2,206	1.4157
426	735	BR	09	868	1.4124
427	1039	AN	02	2,534	1.4108

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
428	1225	THW	49	1,697	1.4095
429	1106	PE	05	1,223	1.4064
430	317	ES	06	2,337	1.4061
431	541	THW	42	2,705	1.4044
432	1082	LY	41	977	1.4023
433	1108	GG	01	1,091	1.4015
434	475	HK	47	2,989	1.4011
435	1355	AF	11	1,366	1.4004
436	1452	BW	03	10	1.4000
437	640	BT	05	2,089	1.3992
438	1250	FD	08	2,677	1.3937
439	690	AL	06	1,238	1.3910
440	1286	KB	20	977	1.3910
441	130	MP	04	1,425	1.3895
442	210	BW	09	36	1.3889
443	875	RU	03	1,932	1.3887
444	1091	WBY	01	453	1.3841
445	419	PO	09	2,334	1.3822
446	793	KM	06	2,013	1.3810
447	703	LU	44	3,903	1.3777
448	507	TB	48	2,841	1.3759
449	377	BG	02	2,524	1.3728
450	75	NS	06	1,359	1.3687
451	1081	WO	04	1,322	1.3684
452	963	CE	09	1,555	1.3678
453	470	BI	11	210	1.3619
454	1150	UL	45	3,202	1.3607
455	1210	QV	03	1,008	1.3601
456	300	CR	01	2,113	1.3587
457	1300	WV	01	106	1.3585
458	911	CR	04	1,984	1.3569
459	798	CB	02	1,104	1.3514
460	1092	BAR	47	4,547	1.3506
461	1152	TWG	42	5,277	1.3504
462	1430	BAR	43	5,318	1.3490
463	1175	LY	49	195	1.3487
464	712	CD	10	1,422	1.3481
465	494	QV	08	1,126	1.3401
466	32	IR	04	1,228	1.3396
467	197	KI	48	3,055	1.3394
468	21	THW	48	3,378	1.3360
469	388	PW	02	1,700	1.3341
470	1022	BU	02	111	1.3333
471	983	ST	06	1,002	1.3333
472	114	SH	10	1,110	1.3324
473	1035	HM	10	1,858	1.3294
474	1020	UN	08	1,333	1.3271
475	686	BR	03	2,075	1.3229

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
476	1264	NM	03	1,404	1.3219
477	60	CRB	44	2,286	1.3211
478	1096	HE	04	1,692	1.3209
479	436	CRB	41	2,082	1.3204
480	1189	HA	05	1,110	1.3198
481	91	MAR	49	2,866	1.3182
482	1637	WLO	47	22	1.3182
483	1463	LJ	03	954	1.3176
484	669	EC	15	1,615	1.3170
485	39	CV	02	669	1.3154
486	627	HK	45	1,555	1.3151
487	302	NSH	02	160	1.3125
488	276	NB	46	1,691	1.3122
489	492	UN	03	702	1.3120
490	1445	CV	05	1,668	1.3082
491	240	FW	01	1,361	1.3071
492	709	SB	02	1,630	1.3049
493	112	HY	01	2,285	1.3028
494	1112	HA	01	1,621	1.3004
495	1438	IND	05	60	1.3000
496	718	SPW	48	2,615	1.2994
497	178	DE	07	1,259	1.2947
498	1126	BW	07	2,806	1.2937
499	1385	BW	12	58	1.2931
500	1280	RO	05	1,004	1.2918
501	1487	GA	08	55	1.2909
502	252	DH	05	1,658	1.2871
503	1003	PJ	02	1,161	1.2868
504	1405	ADK	49	1,105	1.2851
505	1574	STF	01	740	1.2851
506	1351	CA	06	886	1.2844
507	753	CB	05	2,053	1.2825
508	323	EC	11	713	1.2819
509	903	DV	01	593	1.2816
510	327	LA	02	1,518	1.2806
511	1007	NB	45	1,343	1.2785
512	1073	MP	06	370	1.2784
513	35	BW	05	1,499	1.2782
514	930	FT	07	2,197	1.2772
515	727	AM	06	791	1.2756
516	449	WR	09	891	1.2738
517	540	DL	41	4,552	1.2726
518	1134	WI	07	1,309	1.2720
519	150	DL	46	2,043	1.2707
520	1148	STF	41	1,045	1.2689
521	209	QV	06	1,137	1.2682
522	15	NB	41	6,457	1.2678
523	453	GW	06	882	1.2664

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
524	1443	WD	42	83	1.2651
525	NEW	CE	12	1,396	1.2650
526	111	BH	06	167	1.2635
527	3	FR	44	6,769	1.2627
528	644	KB	02	838	1.2613
529	173	TRN	01	374	1.2567
530	380	BU	01	942	1.2558
531	6	BL	04	1,553	1.2524
532	27	HB	44	3,058	1.2515
533	389	FR	42	2,356	1.2504
534	496	FD	13	1,851	1.2496
535	1026	BI	09	1,648	1.2482
536	668	DR	07	1,477	1.2478
537	614	BL	10	1,454	1.2435
538	530	PA	07	1,401	1.2434
539	275	BAR	44	4,446	1.2420
540	1356	MB	04	166	1.2410
541	641	FL	42	3,708	1.2408
542	904	IM	47	1,295	1.2402
543	1044	UW	06	356	1.2388
544	237	CYF	50	3,004	1.2374
545	429	EL	07	1,711	1.2373
546	1274	AF	05	1,275	1.2353
547	662	CD	03	1,477	1.2349
548	862	SP	08	1,189	1.2313
549	113	FP	06	652	1.2301
550	NEW	MC	09	618	1.2298
551	1349	ES	08	668	1.2290
552	775	GW	07	1,382	1.2279
553	NEW	CE	13	1,507	1.2276
554	1243	BL	01	1,242	1.2271
555	NEW	CK	07	304	1.2270
556	1167	MY	05	794	1.2267
557	1233	FL	43	3,873	1.2259
558	424	DH	03	62	1.2258
559	1358	NM	02	2,559	1.2255
560	771	WEB	01	1,952	1.2249
561	893	SE	01	912	1.2248
562	1002	AN	06	1,135	1.2229
563	20	WD	50	1,288	1.2205
564	279	SPW	50	4,196	1.2190
565	1508	RO	06	924	1.2186
566	1099	CK	04	1,353	1.2180
567	1541	DV	07	911	1.2173
568	1291	IM	48	2,337	1.2169
569	502	LU	02	1,050	1.2152
570	566	MY	06	1,638	1.2149
571	517	CB	09	1,816	1.2131



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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
572	1367	AF	02	1,576	1.2088
573	556	MAR	51	6,237	1.2073
574	512	HE	06	1,970	1.2066
575	368	GT	05	2,022	1.2062
576	19	STW	03	2,001	1.2054
577	1136	KM	01	1,494	1.2015
578	744	HM	11	2,615	1.2008
579	194	KT	49	4,098	1.2008
580	482	SPW	49	4,229	1.2008
581	1171	HY	08	1,432	1.2004
582	516	KL	48	3,839	1.2003
583	1382	EC	09	1,371	1.1984
584	320	IM	43	3,006	1.1979
585	1248	HT	09	548	1.1953
586	1017	CK	06	1,312	1.1951
587	528	BAR	45	2,745	1.1949
588	447	DH	07	920	1.1946
589	883	ES	03	1,734	1.1943
590	398	ME	02	1,236	1.1917
591	1548	KN	01	909	1.1914
592	896	MP	08	1,868	1.1906
593	925	UN	09	1,141	1.1902
594	1065	UV	02	358	1.1899
595	202	KT	48	3,266	1.1895
596	344	WZ	43	1,726	1.1831
597	72	NP	43	2,783	1.1800
598	598	IM	45	3,392	1.1798
599	135	PI	43	4,917	1.1796
600	451	MAR	48	2,942	1.1795
601	1412	WW	01	549	1.1785
602	109	BL	03	1,720	1.1773
603	572	MAR	42	3,245	1.1750
604	740	WE	02	723	1.1743
605	892	STF	05	1,602	1.1742
606	1489	ST	10	632	1.1741
607	1205	AI	08	54	1.1667
608	757	WI	01	2,298	1.1658
609	297	SPW	47	5,004	1.1649
610	1041	BH	08	2,072	1.1646
611	218	BR	13	748	1.1604
612	NEW	FL	50	2,573	1.1566
613	1634	UL	41	238	1.1555
614	752	RO	43	1,797	1.1553
615	787	TAN	44	755	1.1523
616	101	FAN	47	4,480	1.1500
617	213	DL	44	3,682	1.1496
618	1029	HP	05	3,127	1.1487
619	1318	DN	02	1,022	1.1477

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
620	357	NM	05	2,955	1.1459
621	1238	HY	12	977	1.1453
622	4	SF	41	548	1.1442
623	228	SIE	46	3,118	1.1437
624	462	THW	47	3,857	1.1436
625	1278	JN	11	2,094	1.1404
626	1389	AR	42	3,684	1.1379
627	127	NB	42	317	1.1356
628	932	BAR	46	5,493	1.1345
629	1492	RO	42	1,303	1.1335
630	730	GG	07	1,456	1.1326
631	1169	SH	04	2,156	1.1313
632	613	SW	04	2,154	1.1300
633	807	UN	04	639	1.1299
634	259	LV	03	832	1.1298
635	1540	CR	02	398	1.1281
636	222	MY	10	830	1.1265
637	695	TE	01	1,163	1.1255
638	1380	ED	06	2,328	1.1254
639	1517	EU	12	162	1.1235
640	174	WZ	48	1,083	1.1219
641	269	EU	02	651	1.1214
642	399	GA	04	1,305	1.1211
643	630	EC	02	1,998	1.1206
644	1317	TO	09	1,222	1.1195
645	1549	UL	09	571	1.1191
646	1215	WLO	41	4,331	1.1187
647	1324	BW	10	51	1.1176
648	89	AM	03	111	1.1171
649	1469	KG	44	3,054	1.1159
650	1370	WEB	08	826	1.1126
651	1423	MB	02	45	1.1111
652	1460	NB	44	757	1.1096
653	78	WEB	12	590	1.1068
654	1038	RO	04	1,577	1.1053
655	590	TE	09	1,529	1.1027
656	469	DH	10	2,755	1.1024
657	857	UL	13	3,680	1.1024
658	631	MAR	46	2,513	1.1011
659	1236	MID	01	892	1.0998
660	1484	CYF	44	4,774	1.0991
661	1378	UV	05	1,830	1.0989
662	1376	FL	47	2,061	1.0970
663	146	HOC	07	1,970	1.0959
664	1426	SIE	47	3,908	1.0957
665	720	CL	07	997	1.0903
666	93	BZ	05	966	1.0901
667	734	HX	03	533	1.0882

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
668	139	BR	08	970	1.0866
669	1030	CE	11	1,949	1.0847
670	NEW	WOR	41	12	1.0833
671	1400	CA	07	485	1.0825
672	574	BL	09	886	1.0801
673	736	AD	07	1,717	1.0711
674	642	FW	02	521	1.0710
675	10	CE	08	844	1.0699
676	694	FRK	46	393	1.0687
677	333	ST	11	1,112	1.0674
678	635	GS	14	15	1.0667
679	1383	GP	09	201	1.0647
680	1386	WO	11	62	1.0645
681	608	CG	04	1,583	1.0638
682	874	KDL	42	2,952	1.0623
683	1072	THW	46	4,734	1.0615
684	1570	GN	11	1,053	1.0598
685	525	ST	02	1,471	1.0591
686	423	GL	01	2,099	1.0586
687	298	HK	44	1,186	1.0556
688	573	PW	05	2,067	1.0547
689	1414	HY	07	982	1.0540
690	192	HA	07	1,474	1.0536
691	620	JN	01	1,515	1.0528
692	1263	AN	11	1,834	1.0518
693	547	LM	02	934	1.0503
694	1315	HV	05	691	1.0478
695	116	FZ	43	574	1.0470
696	1294	HOC	06	759	1.0461
697	1567	SF	05	567	1.0459
698	329	CC	01	2,108	1.0446
699	NEW	AM	01	836	1.0431
700	1475	MB	06	24	1.0417
701	NEW	JOR	46	1,750	1.0411
702	810	LW	47	1,249	1.0408
703	728	RZ	01	679	1.0398
704	1361	GS	22	1,441	1.0382
705	802	GN	06	854	1.0375
706	1497	WEB	06	750	1.0373
707	273	GE	42	3,354	1.0367
708	59	FP	05	61	1.0328
709	1455	ED	08	1,485	1.0323
710	249	LIM	43	165	1.0303
711	1144	AM	08	1,500	1.0280
712	839	BI	44	46	1.0217
713	346	AR	46	5,514	1.0207
714	800	PI	46	3,467	1.0185
715	1618	PK	05	316	1.0127

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
716	910	PI	42	4,283	1.0096
717	583	SF	44	266	1.0075
718	1425	PO	01	1,088	1.0074
719	1580	BI	47	690	1.0072
720	791	WT	03	557	1.0054
721	1617	PK	04	234	1.0043
722	NEW	WOR	45	5,227	1.0042
723	1446	HE	05	1,690	1.0041
724	NEW	CK	08	506	1.0000
725	633	HB	43	41	1.0000
726	1633	TRN	02	27	1.0000
727	1241	KB	11	757	0.9921
728	651	THW	45	4,316	0.9917
729	322	PA	01	2,493	0.9876
730	140	HOC	04	1,382	0.9761
731	815	RU	06	1,868	0.9706
732	643	CK	03	1,036	0.9653
733	450	WO	08	596	0.9631
734	1456	NS	05	1,832	0.9574
735	1523	FM	03	134	0.9478
736	769	NV	02	951	0.9390
737	201	EC	13	318	0.9308
738	1021	GA	09	2,081	0.9250
739	671	UN	11	871	0.9208
740	660	GG	02	2,506	0.9186
741	53	SP	03	2,579	0.9131
742	NEW	JCK	03	1,080	0.9111
743	520	GG	10	1,902	0.9101
744	505	TM	05	33	0.9091
745	1636	WD	44	11	0.9091
746	1212	KT	50	3,309	0.9054
747	1411	KB	18	707	0.9052
748	884	LV	02	806	0.9045
749	747	PA	06	1,568	0.9043
750	265	KG	46	7,403	0.9023
751	1402	UL	48	2,124	0.9016
752	1086	HE	01	1,722	0.8955
753	1359	GT	09	1,080	0.8944
754	1034	HL	07	874	0.8924
755	145	TO	05	1,340	0.8918
756	416	OA	07	924	0.8907
757	777	LP	08	340	0.8853
758	510	UL	15	431	0.8794
759	532	WA	44	702	0.8761
760	1191	UL	46	3,490	0.8756
761	657	PO	03	705	0.8738
762	1589	DT	35	30	0.8667
763	1623	PK	48	15	0.8667

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
764	804	WT	04	700	0.8586
765	1206	RE	04	946	0.8584
766	931	LB	07	530	0.8566
767	824	KB	03	1,109	0.8548
768	29	GP	06	1,432	0.8541
769	602	WF	43	443	0.8533
770	1087	CL	09	407	0.8477
771	1474	WE	01	162	0.8457
772	274	HV	08	1,877	0.8407
773	1122	HE	07	1,693	0.8405
774	303	TWG	45	2,157	0.8308
775	756	TB	06	1,157	0.8271
776	950	GT	08	1,213	0.8211
777	73	AM	07	104	0.8173
778	407	TRN	07	1,015	0.8138
779	856	GG	04	1,090	0.8119
780	658	GV	03	1,227	0.7987
781	785	RS	08	856	0.7956
782	1527	CR	08	764	0.7945
783	1032	BG	04	1,045	0.7943
784	369	KL	45	3,451	0.7893
785	681	AN	04	1,831	0.7854
786	995	FD	11	1,792	0.7840
787	1111	PE	03	1,604	0.7824
788	1266	GZ	43	2,973	0.7807
789	124	WA	43	953	0.7786
790	891	BA	01	847	0.7769
791	1033	WLO	44	4,163	0.7735
792	392	PA	02	970	0.7660
793	1080	NV	05	1,318	0.7625
794	902	GP	04	651	0.7619
795	1194	CB	04	1,367	0.7615
796	944	WT	07	1,207	0.7572
797	375	KB	17	1,191	0.7565
798	1306	ST	07	1,228	0.7565
799	677	BT	04	1,557	0.7527
800	816	WO	03	1,855	0.7515
801	1605	GT	02	24	0.7500
802	738	BY	09	1,656	0.7488
803	768	CYF	49	1,687	0.7475
804	870	EB	06	1,229	0.7453
805	1301	NS	07	2,364	0.7449
806	394	RE	03	1,095	0.7443
807	264	HT	02	3,380	0.7420
808	495	FP	03	41	0.7317
809	337	NS	04	831	0.7304
810	295	RED	03	445	0.7258
811	654	TB	45	2,878	0.7220

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
812	1143	LP	06	865	0.7191
813	558	BM	03	309	0.7152
814	1199	KI	47	3,645	0.7150
815	704	WT	08	199	0.7136
816	648	FZ	54	6,652	0.7070
817	872	PA	08	1,217	0.7025
818	575	VL	06	425	0.7012
819	918	JP	02	63	0.6984
820	1509	CR	06	1,125	0.6969
821	684	PG	01	348	0.6925
822	850	SE	02	1,398	0.6910
823	1302	AI	07	54	0.6852
824	719	HV	42	2,356	0.6834
825	907	WV	03	1,878	0.6832
826	1697	GS	13	167	0.6826
827	41	AT	41	2,559	0.6823
828	595	AD	11	1,643	0.6707
829	1188	HV	41	1,696	0.6686
830	817	WW	08	258	0.6667
831	1141	HE	08	1,837	0.6663
832	754	DE	03	563	0.6661
833	NEW	WR	15	1,065	0.6648
834	760	RS	07	857	0.6616
835	794	ST	05	1,063	0.6613
836	360	TE	04	190	0.6579
837	905	LB	04	397	0.6549
838	1228	LU	43	4,303	0.6549
839	1488	GR	04	26	0.6538
840	367	SP	02	1,920	0.6536
841	191	WI	42	4,793	0.6455
842	412	THW	44	3,953	0.6415
843	1176	SO	45	4,071	0.6414
844	441	WEB	04	1,333	0.6399
845	801	HT	03	426	0.6385
846	422	AD	08	2,187	0.6337
847	1231	NS	03	327	0.6300
848	313	MP	07	545	0.6275
849	56	HB	45	1,741	0.6267
850	349	ES	05	1,882	0.6265
851	396	DR	09	279	0.6237
852	724	LJ	05	787	0.6226
853	282	AR	47	1,616	0.6170
854	1259	RS	05	1,668	0.6169
855	828	AM	02	1,599	0.6123
856	1052	HR	01	1,972	0.6100
857	1014	TIK	01	1,111	0.6067
858	67	HM	05	1,901	0.6060
859	1116	GE	47	3,704	0.6029

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
860	484	KL	41	3,135	0.6019
861	818	DE	08	461	0.6009
862	1717	LIM	42	115	0.6000
863	601	AV	03	1,004	0.5986
864	859	GE	41	3,041	0.5975
865	1113	MP	02	1,547	0.5960
866	289	CV	01	2,304	0.5946
867	971	FAN	46	587	0.5945
868	457	JN	03	1,828	0.5930
869	836	BE	02	1,790	0.5905
870	285	MV	02	629	0.5898
871	167	KL	50	3,218	0.5886
872	247	PA	03	2,216	0.5884
873	NEW	WOR	44	4,230	0.5846
874	1115	EL	05	649	0.5824
875	66	PI	45	4,085	0.5814
876	894	NV	03	1,080	0.5806
877	548	GZ	41	4,469	0.5795
878	585	HM	09	1,668	0.5785
879	1114	KL	44	4,572	0.5785
880	1036	BY	02	1,546	0.5783
881	49	BH	09	1,386	0.5772
882	947	OA	04	1,706	0.5768
883	171	HL	02	1,589	0.5746
884	1158	OR	01	135	0.5704
885	797	BG	07	2,028	0.5685
886	499	TRN	03	430	0.5674
887	445	AN	05	1,806	0.5664
888	852	WO	14	2,119	0.5649
889	1084	BY	03	1,688	0.5640
890	1287	DN	08	540	0.5630
891	1162	BR	05	613	0.5628
892	577	FRY	49	5,656	0.5601
893	1139	SR	16	86	0.5581
894	645	SF	43	3,682	0.5540
895	829	GV	02	1,770	0.5525
896	1173	ST	12	801	0.5493
897	683	BL	06	1,435	0.5484
898	864	VL	02	807	0.5477
899	996	WR	12	1,071	0.5472
900	1521	HE	09	2,063	0.5468
901	164	PI	41	3,883	0.5467
902	371	KDL	43	4,169	0.5464
903	1284	PZ	46	2,146	0.5443
904	1076	LIM	45	4,492	0.5423
905	281	AD	09	2,116	0.5402
906	978	PW	08	315	0.5397
907	61	LJ	04	1,382	0.5362

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
908	987	SC	04	329	0.5350
909	559	ED	04	1,904	0.5347
910	1391	FT	02	1,124	0.5347
911	814	KI	43	3,055	0.5322
912	1160	HG	01	205	0.5317
913	1053	ME	11	877	0.5291
914	442	HOC	08	2,040	0.5284
915	239	HE	14	1,683	0.5247
916	708	OR	02	437	0.5240
917	945	AD	10	532	0.5226
918	223	HM	06	1,918	0.5198
919	780	CV	06	1,001	0.5195
920	1341	CE	05	2,222	0.5189
921	220	HOC	01	801	0.5169
922	1009	CD	05	842	0.5166
923	158	LU	45	4,030	0.5151
924	446	KDL	41	4,234	0.5137
925	873	HV	07	1,480	0.5074
926	1127	CR	03	2,078	0.5072
927	739	AD	03	764	0.5013
928	253	MP	05	1,650	0.5012
929	972	HR	04	1,749	0.5009
930	518	BV	41	3,513	0.4996
931	982	LU	41	4,166	0.4978
932	980	HR	03	2,430	0.4963
933	845	KI	42	4,691	0.4946
934	1180	BH	04	597	0.4941
935	74	LY	43	493	0.4929
936	1504	SP	10	598	0.4900
937	843	WO	01	1,880	0.4894
938	1068	WF	42	3,702	0.4889
939	NEW	TRN	45	1,481	0.4855
940	529	GT	12	1,869	0.4853
941	1217	HA	11	1,538	0.4837
942	332	LB	02	2,022	0.4832
943	54	CS	01	1,838	0.4826
944	137	BT	01	1,081	0.4820
945	1514	PJ	06	1,131	0.4819
946	1048	IR	03	1,625	0.4800
947	967	LC	02	248	0.4798
948	977	IR	01	811	0.4784
949	363	LK	07	1,268	0.4771
950	847	GG	06	1,519	0.4753
951	62	PA	05	1,547	0.4725
952	335	SB	06	1,733	0.4720
953	991	GV	05	402	0.4701
954	NEW	HP	09	2,026	0.4674
955	1239	DR	06	796	0.4661



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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
956	330	PE	07	1,865	0.4660
957	12	GN	10	1,714	0.4656
958	132	WZ	46	3,916	0.4650
959	42	LC	01	267	0.4644
960	1120	DE	01	1,268	0.4637
961	382	HL	05	1,562	0.4635
962	1282	HA	03	1,567	0.4633
963	277	ME	01	1,630	0.4613
964	1305	WR	14	283	0.4594
965	497	CD	02	1,776	0.4589
966	260	WW	04	907	0.4576
967	786	AL	07	1,314	0.4574
968	913	LK	04	1,874	0.4562
969	1183	HG	03	90	0.4556
970	156	UL	03	532	0.4549
971	552	GT	04	1,429	0.4507
972	1121	GZ	44	3,154	0.4490
973	36	IM	44	2,956	0.4462
974	855	SP	04	572	0.4458
975	144	WF	46	6,776	0.4457
976	170	HV	01	1,101	0.4450
977	637	DV	08	933	0.4448
978	1070	BZ	09	736	0.4443
979	994	EL	06	316	0.4430
980	733	LIM	46	283	0.4417
981	848	LB	06	139	0.4388
982	805	WR	13	1,666	0.4388
983	348	GL	05	1,473	0.4352
984	1142	KB	04	957	0.4336
985	28	WW	02	655	0.4321
986	1322	SF	46	1,942	0.4315
987	219	HY	09	1,301	0.4304
988	1198	CA	08	993	0.4300
989	1187	AL	08	1,432	0.4295
990	1247	ES	02	1,740	0.4293
991	1327	FW	03	1,990	0.4291
992	1387	FRY	43	3,667	0.4284
993	758	DA	06	468	0.4274
994	128	MY	07	1,061	0.4270
995	1107	DE	06	1,021	0.4251
996	88	WBY	02	1,232	0.4245
997	1459	ES	01	937	0.4237
998	939	LK	08	1,477	0.4232
999	1037	DR	04	1,902	0.4222
1000	487	AF	04	1,797	0.4218
1001	1186	JP	06	271	0.4207
1002	433	SB	04	899	0.4194
1003	24	BE	03	1,636	0.4193

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
1004	958	DE	04	742	0.4191
1005	1262	AI	10	43	0.4186
1006	266	GZ	46	1,443	0.4186
1007	895	DA	04	868	0.4182
1008	1428	FP	02	12	0.4167
1009	959	CD	12	1,368	0.4137
1010	166	MDY	03	2,573	0.4135
1011	897	GA	10	803	0.4134
1012	1117	BR	12	1,511	0.4110
1013	822	TB	43	2,658	0.4093
1014	1255	AN	03	1,212	0.4092
1015	1016	HOC	05	944	0.4089
1016	208	PE	04	1,152	0.4089
1017	835	AR	43	4,065	0.4071
1018	397	BE	04	1,929	0.4069
1019	985	HE	02	2,047	0.4069
1020	44	AN	08	867	0.4048
1021	1249	FD	10	2,128	0.4032
1022	685	AT	42	2,374	0.4031
1023	76	OA	06	1,434	0.4031
1024	1218	SO	49	6,562	0.4031
1025	993	DH	09	1,275	0.4024
1026	119	TO	01	2,033	0.4024
1027	NEW	SDY	06	280	0.4000
1028	1079	CL	03	1,457	0.3995
1029	308	CV	10	2,758	0.3981
1030	193	SP	06	2,271	0.3976
1031	915	EC	12	770	0.3974
1032	458	SA	41	456	0.3969
1033	649	HT	05	823	0.3961
1034	562	BAR	41	6,862	0.3958
1035	1170	HL	08	928	0.3955
1036	180	AF	06	2,211	0.3953
1037	659	WR	10	1,523	0.3946
1038	65	CG	02	1,921	0.3941
1039	664	HM	02	2,188	0.3931
1040	542	LB	03	411	0.3917
1041	781	MU	01	1,853	0.3902
1042	861	PO	07	652	0.3896
1043	304	DH	08	2,359	0.3875
1044	966	AF	12	690	0.3855
1045	834	BZ	03	2,052	0.3855
1046	936	AL	09	1,445	0.3841
1047	653	CG	06	926	0.3834
1048	1155	HT	07	980	0.3827
1049	195	CA	02	1,635	0.3823
1050	1085	DR	12	890	0.3809
1051	100	HB	04	621	0.3784

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
1052	47	HB	51	1,284	0.3777
1053	176	UW	03	1,260	0.3762
1054	1011	ST	03	926	0.3758
1055	581	IM	46	1,393	0.3754
1056	1603	GS	23	16	0.3750
1057	1510	RO	08	1,777	0.3748
1058	921	TO	03	414	0.3744
1059	990	FT	04	1,951	0.3742
1060	80	AF	01	2,900	0.3741
1061	NEW	WL	43	1,243	0.3733
1062	290	SF	13	693	0.3723
1063	415	SPW	42	2,636	0.3722
1064	1604	GS	29	27	0.3704
1065	937	RA	45	2,506	0.3699
1066	860	UW	05	887	0.3687
1067	1028	BA	45	3,972	0.3686
1068	919	HX	02	1,329	0.3679
1069	1103	BE	01	2,194	0.3678
1070	1193	AI	06	109	0.3670
1071	1024	RA	43	1,804	0.3670
1072	95	SPW	52	3,606	0.3669
1073	1182	SH	01	1,410	0.3667
1074	341	HV	04	1,658	0.3661
1075	1390	BZ	07	315	0.3651
1076	934	HV	03	933	0.3644
1077	927	PE	02	1,512	0.3644
1078	405	KG	42	3,773	0.3628
1079	986	HY	03	998	0.3617
1080	830	CG	07	433	0.3580
1081	1553	MC	07	640	0.3578
1082	951	HB	47	1,529	0.3558
1083	599	WF	01	406	0.3547
1084	989	GL	03	313	0.3546
1085	1207	TE	07	1,137	0.3536
1086	923	CV	08	1,859	0.3502
1087	121	HR	02	1,110	0.3495
1088	831	KN	04	49	0.3469
1089	1343	JN	08	1,146	0.3455
1090	784	BC	09	562	0.3452
1091	1066	BR	07	1,145	0.3450
1092	504	KT	41	1,816	0.3447
1093	157	MB	05	2,235	0.3436
1094	312	EC	04	1,738	0.3435
1095	461	RU	02	1,510	0.3417
1096	1208	CB	10	1,966	0.3413
1097	926	HL	03	578	0.3408
1098	1118	KB	06	1,294	0.3408
1099	299	EU	09	1,368	0.3406

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1100	1464	UL	47	2,917	0.3401
1101	1466	CYF	48	5,352	0.3397
1102	96	FD	06	2,452	0.3397
1103	488	RE	09	952	0.3382
1104	435	MP	10	1,125	0.3378
1105	108	MDY	02	107	0.3364
1106	448	AD	01	704	0.3352
1107	1555	BG	10	938	0.3348
1108	190	BI	06	1,492	0.3345
1109	1157	BW	01	51	0.3333
1110	1000	GAR	07	84	0.3333
1111	998	SC	05	33	0.3333
1112	1545	SR	14	794	0.3325
1113	340	GE	49	6,849	0.3314
1114	1310	PO	08	1,818	0.3311
1115	1542	HNY	01	753	0.3293
1116	803	SR	08	1,076	0.3262
1117	406	AD	06	732	0.3251
1118	81	LJ	09	3,292	0.3250
1119	1258	PZ	42	3,078	0.3246
1120	23	HOC	09	1,760	0.3244
1121	968	TE	05	1,652	0.3232
1122	1013	TO	11	1,346	0.3232
1123	1145	CV	04	1,377	0.3224
1124	1019	HL	06	1,105	0.3222
1125	1172	LP	01	713	0.3212
1126	306	SPW	51	3,513	0.3208
1127	1357	DV	02	1,789	0.3186
1128	888	BY	08	1,660	0.3181
1129	1223	WD	46	1,249	0.3179
1130	766	AF	03	1,960	0.3133
1131	858	CC	03	2,381	0.3129
1132	1124	FM	02	633	0.3128
1133	917	RA	44	5,488	0.3121
1134	526	SH	06	1,083	0.3121
1135	438	KM	02	1,488	0.3118
1136	142	BZ	06	2,051	0.3116
1137	NEW	AL	12	696	0.3103
1138	1499	CL	08	58	0.3103
1139	751	HE	15	1,887	0.3095
1140	1485	BM	07	488	0.3094
1141	1344	ADK	45	1,452	0.3092
1142	973	BY	05	1,705	0.3067
1143	1101	CG	01	457	0.3063
1144	881	KI	46	2,917	0.3058
1145	1296	GT	03	2,797	0.3039
1146	287	MB	09	744	0.3038
1147	1511	GP	03	66	0.3030

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1148	1449	TE	08	1,014	0.3028
1149	211	BAR	42	4,433	0.3012
1150	1018	TB	44	1,972	0.3002
1151	1232	HA	08	1,594	0.2999
1152	1272	EC	07	718	0.2994
1153	359	NS	01	767	0.2986
1154	376	QV	07	365	0.2986
1155	596	RE	07	1,521	0.2972
1156	1285	FD	16	1,234	0.2958
1157	1211	SR	13	1,109	0.2958
1158	465	HK	43	2,289	0.2949
1159	169	STW	04	924	0.2933
1160	1130	GA	02	1,924	0.2926
1161	1342	CK	01	1,294	0.2921
1162	434	DR	03	2,016	0.2907
1163	999	GV	04	1,415	0.2905
1164	976	TB	46	2,033	0.2902
1165	1	TRN	42	38	0.2895
1166	351	BR	04	907	0.2878
1167	682	CV	09	1,004	0.2878
1168	350	PJ	04	1,470	0.2878
1169	597	HNY	05	1,001	0.2877
1170	224	HV	06	1,412	0.2868
1171	508	BI	08	900	0.2856
1172	1408	ST	15	808	0.2847
1173	1336	BI	46	1,223	0.2845
1174	764	CC	02	1,609	0.2840
1175	961	RED	05	1,720	0.2831
1176	1419	FD	05	1,539	0.2820
1177	1298	TB	42	4,028	0.2820
1178	373	FT	03	859	0.2817
1179	401	TO	04	331	0.2810
1180	1384	RO	07	2,140	0.2808
1181	1140	TRN	05	1,003	0.2802
1182	343	FR	48	2,731	0.2794
1183	7	LU	04	1,521	0.2788
1184	1269	MID	02	1,457	0.2787
1185	1292	WV	02	750	0.2787
1186	1626	SDY	03	90	0.2778
1187	318	TB	41	3,816	0.2778
1188	474	CV	11	921	0.2769
1189	568	FW	05	160	0.2750
1190	11	THW	43	1,906	0.2749
1191	1083	VL	01	910	0.2747
1192	1578	PJ	05	694	0.2738
1193	578	FD	15	762	0.2730
1194	1062	WT	09	359	0.2730
1195	849	RS	02	1,794	0.2726

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1196	215	IM	49	3,995	0.2713
1197	1465	WD	45	593	0.2681
1198	593	WEB	10	560	0.2679
1199	230	CL	01	131	0.2672
1200	1043	SH	07	880	0.2670
1201	1515	RE	06	1,321	0.2657
1202	605	QV	04	1,025	0.2654
1203	104	BI	07	1,137	0.2647
1204	NEW	SDY	05	34	0.2647
1205	1179	GA	07	795	0.2642
1206	661	SP	07	1,887	0.2639
1207	NEW	BM	10	1,369	0.2637
1208	1075	BA	41	4,294	0.2632
1209	1410	ES	04	403	0.2630
1210	374	STF	08	198	0.2626
1211	885	SH	11	1,773	0.2617
1212	328	IR	06	1,512	0.2612
1213	200	GZ	45	5,907	0.2610
1214	956	RU	01	1,431	0.2600
1215	384	BY	04	1,170	0.2598
1216	444	DH	02	1,132	0.2597
1217	717	GP	08	1,410	0.2596
1218	821	SH	08	1,470	0.2585
1219	1479	WE	03	155	0.2581
1220	402	KI	49	2,870	0.2575
1221	603	FRY	47	3,095	0.2569
1222	1147	CG	08	1,181	0.2566
1223	1323	MAR	44	3,329	0.2565
1224	216	BA	02	1,278	0.2559
1225	1159	CK	02	513	0.2554
1226	737	HNY	06	891	0.2548
1227	13	KI	41	2,233	0.2539
1228	1006	DN	03	1,924	0.2536
1229	984	CG	03	482	0.2531
1230	1478	WT	11	349	0.2521
1231	414	CD	06	1,913	0.2514
1232	77	KW	46	2,770	0.2513
1233	1563	SR	01	256	0.2500
1234	1178	JN	04	785	0.2497
1235	1261	AN	07	2,011	0.2486
1236	638	EU	05	1,541	0.2479
1237	177	QV	01	1,435	0.2474
1238	1023	ST	09	1,123	0.2449
1239	761	SB	03	1,551	0.2437
1240	400	HM	04	986	0.2434
1241	700	GE	45	3,713	0.2432
1242	1304	JP	03	37	0.2432
1243	1163	NB	43	5,121	0.2431

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1244	418	SE	03	856	0.2430
1245	326	TO	02	801	0.2422
1246	1529	CYF	45	3,091	0.2420
1247	701	JP	07	542	0.2417
1248	437	HG	06	377	0.2414
1249	650	MB	08	312	0.2404
1250	853	GL	08	1,088	0.2399
1251	1067	LP	02	388	0.2397
1252	1467	RO	01	3,290	0.2383
1253	NEW	BM	09	21	0.2381
1254	1606	HG	08	21	0.2381
1255	1154	LP	04	685	0.2380
1256	1448	CG	05	1,711	0.2379
1257	1149	DE	05	1,371	0.2378
1258	478	SIE	43	3,007	0.2374
1259	914	EC	05	989	0.2346
1260	1256	FL	44	2,543	0.2340
1261	404	DV	06	1,932	0.2334
1262	1156	BU	04	30	0.2333
1263	1374	SO	44	1,466	0.2333
1264	498	KB	01	1,358	0.2320
1265	1421	GE	44	4,293	0.2299
1266	1534	HP	08	879	0.2287
1267	1311	WEB	07	123	0.2276
1268	1254	WI	05	791	0.2276
1269	1069	KDL	44	2,051	0.2272
1270	1535	FRY	44	1,449	0.2264
1271	955	GL	07	2,381	0.2264
1272	183	HL	01	305	0.2262
1273	30	STF	04	859	0.2258
1274	1518	BAR	48	4,942	0.2240
1275	1347	BI	43	3,676	0.2223
1276	1105	IT	41	36	0.2222
1277	160	WF	49	5,118	0.2214
1278	1360	EL	04	764	0.2212
1279	460	WZ	45	3,908	0.2211
1280	1265	OB	48	5,731	0.2207
1281	1447	FT	11	1,455	0.2206
1282	570	FZ	49	3,854	0.2198
1283	1061	PHR	03	1,201	0.2198
1284	1128	BR	11	906	0.2196
1285	217	QV	09	1,079	0.2196
1286	844	LP	05	1,887	0.2194
1287	390	GT	01	763	0.2189
1288	25	NM	04	1,185	0.2186
1289	1308	RE	08	851	0.2186
1290	199	TV	03	1,461	0.2183
1291	1454	CA	04	1,118	0.2174

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
1292	1441	CYF	42	3,468	0.2168
1293	670	FL	41	4,785	0.2165
1294	979	IT	42	84	0.2143
1295	741	GV	07	566	0.2138
1296	234	WO	09	305	0.2131
1297	182	LA	03	1,624	0.2124
1298	533	HA	04	1,714	0.2118
1299	1123	BC	08	2,042	0.2106
1300	1591	FP	04	19	0.2105
1301	1166	PW	06	2,444	0.2099
1302	2	FT	09	2,076	0.2095
1303	832	EC	03	536	0.2090
1304	1432	PO	04	1,228	0.2060
1305	408	SB	07	1,694	0.2060
1306	1184	KB	07	622	0.2042
1307	456	WF	05	1,315	0.2038
1308	974	JN	02	1,436	0.2033
1309	440	LU	01	728	0.2033
1310	NEW	AM	09	1,555	0.2032
1311	1346	DN	10	1,408	0.2031
1312	1329	CR	05	1,047	0.2025
1313	942	PI	44	4,207	0.2023
1314	1216	OA	02	604	0.2020
1315	410	DE	02	984	0.2012
1316	1077	WZ	41	5,205	0.2008
1317	431	KL	42	3,345	0.2003
1318	808	ADK	43	520	0.2000
1319	557	OA	03	45	0.2000
1320	1368	FL	49	4,474	0.1996
1321	43	THW	41	4,272	0.1987
1322	455	AM	05	2,215	0.1982
1323	1004	RE	05	1,389	0.1980
1324	969	SB	05	1,250	0.1976
1325	94	JOR	43	1,221	0.1974
1326	997	TB	03	967	0.1965
1327	1046	WW	03	1,686	0.1951
1328	1135	UW	07	1,717	0.1945
1329	480	BA	03	1,140	0.1939
1330	483	DN	07	1,730	0.1936
1331	1277	HP	01	919	0.1904
1332	479	IR	05	2,126	0.1900
1333	1476	FZ	52	3,901	0.1897
1334	493	KL	43	2,690	0.1892
1335	1015	EC	06	594	0.1886
1336	1546	ED	03	1,549	0.1885
1337	563	STF	02	427	0.1874
1338	71	SCW	01	1,945	0.1871
1339	1338	GZ	42	1,364	0.1870



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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
1340	1398	SO	43	4,886	0.1862
1341	622	LY	48	2,982	0.1861
1342	1404	CYF	47	4,386	0.1858
1343	1369	GT	10	587	0.1857
1344	1088	MDY	01	2,388	0.1851
1345	723	HB	03	271	0.1845
1346	168	SF	48	1,342	0.1841
1347	1320	HNY	07	253	0.1818
1348	1251	WF	45	1,319	0.1797
1349	1054	WZ	44	925	0.1795
1350	1237	MY	08	1,349	0.1794
1351	535	MY	02	1,305	0.1793
1352	889	PE	01	1,339	0.1777
1353	1520	QV	10	842	0.1770
1354	1544	KM	07	1,822	0.1767
1355	1219	TRN	04	909	0.1716
1356	890	WEB	09	711	0.1716
1357	1060	BT	06	449	0.1715
1358	1244	CYF	46	3,321	0.1713
1359	1071	PZ	44	5,125	0.1705
1360	1295	OB	49	5,474	0.1703
1361	443	DH	01	3,108	0.1702
1362	546	TO	07	1,433	0.1689
1363	576	EU	11	3,157	0.1685
1364	1413	FL	45	4,048	0.1685
1365	928	LK	10	1,709	0.1679
1366	1609	IND	04	12	0.1667
1367	203	SC	02	12	0.1667
1368	134	SF	07	18	0.1667
1369	1453	WW	05	3,036	0.1660
1370	271	KW	44	2,361	0.1652
1371	486	WI	04	2,386	0.1639
1372	514	FZ	42	5,787	0.1635
1373	729	RO	44	490	0.1633
1374	226	TRN	41	1,397	0.1632
1375	611	DV	11	1,099	0.1629
1376	1190	HK	46	3,871	0.1625
1377	1058	HM	03	1,435	0.1624
1378	1104	SR	05	600	0.1617
1379	1201	MAR	45	3,179	0.1601
1380	235	KB	21	1,213	0.1591
1381	929	HE	03	1,632	0.1575
1382	586	BU	03	32	0.1562
1383	1458	EU	10	815	0.1546
1384	1314	WI	43	4,532	0.1540
1385	391	CD	04	1,009	0.1536
1386	1501	WD	48	1,545	0.1534
1387	1415	RS	03	992	0.1522

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
1388	1213	SF	01	640	0.1516
1389	1439	BG	09	264	0.1515
1390	477	CA	03	1,653	0.1506
1391	665	OB	43	5,264	0.1506
1392	1406	FZ	53	3,448	0.1505
1393	584	HK	42	3,972	0.1501
1394	413	PE	06	1,479	0.1501
1395	1493	BG	06	1,645	0.1495
1396	539	OB	42	2,885	0.1494
1397	1245	MY	03	1,532	0.1488
1398	1554	KN	05	2,024	0.1482
1399	1512	BZ	04	318	0.1478
1400	882	TB	49	4,449	0.1474
1401	710	HE	11	1,759	0.1472
1402	878	KT	44	4,736	0.1461
1403	1204	CD	01	1,289	0.1458
1404	1522	ED	01	1,472	0.1454
1405	900	UW	02	1,544	0.1451
1406	242	GS	20	215	0.1442
1407	1397	BI	05	670	0.1433
1408	1220	SPW	41	2,054	0.1431
1409	325	STF	44	280	0.1429
1410	767	ES	07	345	0.1420
1411	1224	ME	07	566	0.1413
1412	1221	NS	08	1,404	0.1403
1413	964	SH	03	2,280	0.1399
1414	1246	SH	09	1,738	0.1387
1415	579	SIE	42	2,634	0.1386
1416	1242	CYF	43	2,100	0.1376
1417	1229	HY	05	1,484	0.1375
1418	588	EL	08	504	0.1369
1419	1335	DH	06	1,126	0.1368
1420	1313	WI	02	1,030	0.1340
1421	485	FD	12	1,964	0.1339
1422	38	FRY	46	3,775	0.1335
1423	339	FW	06	1,348	0.1335
1424	1562	HNY	03	1,094	0.1335
1425	1581	BI	10	15	0.1333
1426	1437	GP	02	30	0.1333
1427	1498	JP	01	30	0.1333
1428	1480	HT	04	477	0.1321
1429	549	RS	01	849	0.1319
1430	1537	GN	12	453	0.1302
1431	1556	ADK	47	462	0.1299
1432	916	EU	03	2,370	0.1287
1433	799	HG	05	288	0.1285
1434	1550	EC	10	391	0.1279
1435	1227	PW	03	635	0.1276

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2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
1436	233	DL	47	1,334	0.1274
1437	591	CA	05	512	0.1270
1438	748	SF	14	670	0.1269
1439	589	VCR	42	5,269	0.1258
1440	1049	HY	02	1,715	0.1248
1441	1433	PJ	03	1,572	0.1247
1442	560	CRB	45	2,779	0.1238
1443	1420	BG	03	461	0.1236
1444	675	DN	05	600	0.1233
1445	792	GAR	08	269	0.1227
1446	1407	BM	06	1,456	0.1223
1447	1543	ADK	41	131	0.1221
1448	309	BL	05	1,755	0.1197
1449	779	SO	48	3,700	0.1195
1450	1477	KG	43	4,571	0.1181
1451	467	ME	03	940	0.1181
1452	1353	UW	04	722	0.1177
1453	543	FD	02	2,517	0.1176
1454	1365	TV	01	981	0.1162
1455	1558	HY	04	1,813	0.1158
1456	1564	HNY	04	562	0.1157
1457	1059	HA	02	1,678	0.1156
1458	1532	UV	04	1,610	0.1155
1459	138	SP	11	2,019	0.1149
1460	454	DL	42	1,736	0.1146
1461	105	BI	03	853	0.1137
1462	395	LIM	44	2,649	0.1129
1463	1279	ED	02	1,506	0.1116
1464	628	FW	07	669	0.1091
1465	1496	LK	03	1,131	0.1088
1466	619	HY	06	2,555	0.1084
1467	1379	TV	05	83	0.1084
1468	1505	HA	12	1,395	0.1075
1469	1519	DN	12	680	0.1074
1470	636	ADK	46	28	0.1071
1471	1209	UL	14	868	0.1071
1472	1462	VCR	44	5,824	0.1068
1473	1388	QV	05	1,333	0.1058
1474	1281	KM	05	1,022	0.1057
1475	946	DV	09	2,361	0.1046
1476	1253	BM	02	48	0.1042
1477	965	RS	04	1,982	0.1034
1478	256	VCR	43	3,585	0.1026
1479	229	WEB	05	521	0.1017
1480	1392	OB	44	4,126	0.1016
1481	501	CD	11	1,639	0.1013
1482	1307	HA	06	1,008	0.1002
1483	1345	FT	01	40	0.1000

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1484	1417	CB	03	854	0.0995
1485	1399	HM	08	928	0.0991
1486	1461	AI	09	61	0.0984
1487	564	JN	07	1,679	0.0953
1488	1095	FW	04	1,652	0.0938
1489	1056	HT	01	2,875	0.0929
1490	1393	LP	03	304	0.0921
1491	155	WF	47	2,363	0.0918
1492	667	UV	03	1,091	0.0917
1493	1560	PJ	01	416	0.0913
1494	691	LIM	41	44	0.0909
1495	NEW	GE	50	4,701	0.0898
1496	1271	ME	04	660	0.0894
1497	1373	PO	05	1,188	0.0892
1498	612	STF	42	2,420	0.0888
1499	1490	FZ	48	2,805	0.0877
1500	1375	BT	03	1,529	0.0870
1501	1569	BM	08	1,072	0.0868
1502	1181	SR	09	887	0.0868
1503	1270	DN	11	2,140	0.0860
1504	616	WW	06	1,457	0.0858
1505	1559	CK	05	987	0.0851
1506	906	TE	02	368	0.0842
1507	1418	GAR	01	939	0.0841
1508	1366	KB	05	1,443	0.0825
1509	1427	MY	11	1,139	0.0817
1510	22	AI	05	74	0.0811
1511	1701	GS	30	237	0.0802
1512	1363	RE	43	4,175	0.0798
1513	1138	IM	42	2,096	0.0797
1514	567	OB	45	2,990	0.0789
1515	1656	DT	28	39	0.0769
1516	1321	HP	07	2,315	0.0769
1517	1506	IND	06	13	0.0769
1518	962	HE	10	1,692	0.0768
1519	1381	BZ	02	718	0.0766
1520	1297	JP	08	458	0.0764
1521	188	SH	05	1,722	0.0761
1522	1177	BR	14	544	0.0754
1523	1090	EL	09	1,626	0.0744
1524	503	GT	06	594	0.0741
1525	1371	OB	47	5,319	0.0724
1526	1094	ME	09	2,269	0.0723
1527	606	KDL	47	1,951	0.0692
1528	463	MC	05	131	0.0687
1529	1507	PK	42	15	0.0667
1530	587	WI	45	2,945	0.0666
1531	1299	MC	08	332	0.0663

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1532	1293	BG	05	350	0.0657
1533	580	WE	04	31	0.0645
1534	790	KG	47	79	0.0633
1535	732	LY	46	223	0.0628
1536	609	IM	41	1,626	0.0627
1537	571	EL	02	49	0.0612
1538	1566	MB	03	1,356	0.0612
1539	629	STF	43	2,168	0.0609
1540	1483	KM	03	132	0.0606
1541	1551	WE	07	33	0.0606
1542	92	EU	01	570	0.0596
1543	600	RS	06	51	0.0588
1544	1240	PO	06	1,757	0.0581
1545	280	FRY	48	2,473	0.0578
1546	97	LY	45	1,952	0.0569
1547	1303	JOR	42	53	0.0566
1548	1524	ADK	42	1,100	0.0555
1549	1435	BL	07	2,470	0.0555
1550	1486	EU	08	561	0.0553
1551	353	FT	06	619	0.0549
1552	1440	EL	10	853	0.0539
1553	1137	MC	03	819	0.0537
1554	1330	KT	47	1,223	0.0523
1555	1051	HT	06	1,964	0.0504
1556	912	DN	09	179	0.0503
1557	1576	GS	02	60	0.0500
1558	632	BM	05	403	0.0496
1559	1610	JP	05	21	0.0476
1560	1362	WF	03	1,158	0.0475
1561	1424	CRB	48	4,692	0.0471
1562	1010	HP	03	501	0.0459
1563	1429	GAR	04	153	0.0458
1564	1500	TB	02	730	0.0452
1565	133	JOR	44	222	0.0450
1566	721	FRY	45	3,363	0.0446
1567	1503	KN	07	47	0.0426
1568	267	GAR	06	991	0.0424
1569	301	LP	07	453	0.0419
1570	1288	MY	04	1,784	0.0415
1571	NEW	AM	10	1,458	0.0412
1572	1627	SF	08	77	0.0390
1573	1539	GR	01	26	0.0385
1574	618	SH	02	1,430	0.0371
1575	569	JP	04	27	0.0370
1576	1491	SC	03	55	0.0364
1577	1348	HA	10	486	0.0350
1578	1557	HE	12	1,210	0.0347
1579	1444	WI	41	3,898	0.0346

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1580	1572	JN	06	2,526	0.0321
1581	1416	JN	10	2,314	0.0320
1582	582	PJ	07	250	0.0320
1583	565	ME	06	1,140	0.0316
1584	705	WO	06	1,219	0.0304
1585	957	GE	48	3,471	0.0303
1586	1396	BH	05	603	0.0299
1587	1533	WI	03	334	0.0299
1588	1283	GAR	02	561	0.0285
1589	531	EC	01	247	0.0283
1590	1468	WEB	11	1,101	0.0282
1591	838	GAR	05	1,669	0.0264
1592	1575	FAN	48	1,308	0.0252
1593	1332	PZ	45	2,237	0.0246
1594	1538	GAR	03	844	0.0225
1595	1502	ED	07	1,070	0.0215
1596	1372	HNY	02	1,010	0.0208
1597	1530	HE	13	2,383	0.0206
1598	1473	WT	10	339	0.0206
1599	1536	WD	47	400	0.0200
1600	1275	MY	01	961	0.0198
1601	1568	MY	12	1,272	0.0197
1602	933	UV	01	1,169	0.0197
1603	1573	GZ	48	157	0.0191
1604	522	GZ	47	1,072	0.0187
1605	1395	EU	04	961	0.0177
1606	243	SR	06	953	0.0168
1607	1403	SCW	02	565	0.0159
1608	1192	CR	07	1,219	0.0139
1609	1516	EU	06	764	0.0131
1610	1481	WO	10	631	0.0127
1611	NEW	WO	15	475	0.0126
1612	537	SR	07	80	0.0125
1613	1350	WD	41	407	0.0123
1614	225	BT	02	1,471	0.0109
1615	607	DV	04	1,077	0.0102
1616	770	SDY	04	103	0.0097
1617	1565	BI	01	359	0.0084
1618	1526	GL	10	952	0.0084
1619	1614	MID	05	362	0.0083
1620	1531	KB	19	1,232	0.0081
1621	1632	SR	04	124	0.0081
1622	663	HT	08	957	0.0042
1623	1571	FAN	45	244	0.0041
1624	731	RE	41	1,242	0.0040
1625	1047	KB	15	305	0.0033
1626	1596	GN	43	386	0.0026
1627	687	GS	25	437	0.0023

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIFI Ranking	2020 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIFI Value
1628	1579	PK	43	440	0.0023
1629	1451	ED	05	1,046	0.0019
1630	1635	UL	42	608	0.0016
1631	1630	SPW	61	653	0.0015
1632	707	FRK	42	995	0.0010
1633	1582	BR	06	13	0.0000
1634	1643	BW	02	18	0.0000
1635	1494	BW	08	14	0.0000
1636	1584	DT	19	343	0.0000
1637	1585	DT	23	19	0.0000
1638	1586	DT	24	12	0.0000
1639	1588	DT	34	17	0.0000
1640	1662	DT	36	16	0.0000
1641	1590	DT	38	13	0.0000
1642	702	FRK	47	335	0.0000
1643	1593	GG	05	22	0.0000
1644	1594	GG	08	14	0.0000
1645	1595	GL	13	65	0.0000
1646	1597	GN	46	16	0.0000
1647	189	GN	48	13	0.0000
1648	1598	GN	51	18	0.0000
1649	1599	GR	03	19	0.0000
1650	1600	GS	07	288	0.0000
1651	1601	GS	09	89	0.0000
1652	1602	GS	21	18	0.0000
1653	241	GS	26	107	0.0000
1654	1334	IND	01	14	0.0000
1655	1608	IND	03	18	0.0000
1656	711	IT	01	41	0.0000
1657	NEW	JOR	45	11	0.0000
1658	1612	KB	13	14	0.0000
1659	1714	KB	14	16	0.0000
1660	1715	KB	16	12	0.0000
1661	1613	ME	08	29	0.0000
1662	1721	MP	09	15	0.0000
1663	1615	PK	01	488	0.0000
1664	1616	PK	02	12	0.0000
1665	1730	PK	41	10	0.0000
1666	1619	PK	44	661	0.0000
1667	1621	PK	46	354	0.0000
1668	1622	PK	47	84	0.0000
1669	765	PK	49	18	0.0000
1670	688	PK	50	16	0.0000
1671	1624	PZ	47	281	0.0000
1672	623	RED	04	11	0.0000
1673	1625	SC	01	24	0.0000
1674	1628	SF	09	27	0.0000
1675	1629	SF	10	27	0.0000

Service Quality Report to the Public Utility Commission of Texas

**CenterPoint Energy**

<b>2021 SAIFI Ranking</b>	<b>2020 SAIFI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2021 SAIFI Value</b>
1676	1631	SPW	64	141	0.0000
1677	1513	WE	05	17	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

<b>1677</b>
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Add or Delete Rows as Necessary

**CenterPoint Energy**

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1	481	KT	46	1,529	2,076.1580
2	156	WR	11	1,391	1,788.3494
3	390	WA	42	1,314	1,424.4420
4	484	SE	42	1,113	1,251.0034
5	19	VL	04	2,404	1,230.3056
6	1137	FM	01	401	1,107.0891
7	54	SE	43	1,166	1,105.0979
8	410	AD	04	2,085	781.8379
9	153	HL	04	641	763.1498
10	1157	HY	11	1,098	740.7927
11	251	EB	05	701	739.4149
12	2	SF	02	450	729.0105
13	909	STF	06	490	700.0868
14	218	SW	05	748	683.7132
15	1133	KT	43	1,776	675.3734
16	204	BV	42	3,717	640.3452
17	41	WBY	03	1,881	620.5515
18	675	GW	02	2,255	601.0797
19	1135	MC	01	1,214	593.0696
20	1607	IND	02	27	585.9433
21	221	BR	13	748	567.4824
22	263	DA	05	734	558.5807
23	678	GW	01	2,133	556.4833
24	108	CB	12	1,868	554.9106
25	920	AL	11	917	546.1332
26	171	CB	06	919	541.0758
27	487	BI	41	2,716	538.8356
28	191	FD	04	1,139	537.8970
29	955	HY	13	723	534.7660
30	1266	LY	49	195	529.8111
31	679	CB	07	1,951	523.9294
32	1393	GL	02	102	520.2336
33	1208	SW	06	1,075	517.7106
34	393	TM	04	384	517.0879
35	1312	HP	06	577	514.2931
36	1021	SA	50	806	510.3865
37	1020	MAR	47	3,097	508.7563
38	114	STW	01	1,215	498.4532
39	253	BZ	01	443	496.1910
40	68	NSH	03	158	490.4466
41	1039	GP	05	666	487.6811
42	310	AE	06	1,065	481.5347
43	412	SR	12	978	480.6600

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
44	902	FR	46	2,408	479.7082
45	1206	WE	06	558	477.6433
46	1024	BA	46	3,275	474.9844
47	NEW	JCK	01	1,101	474.9275
48	131	DR	01	1,588	471.1268
49	621	BI	11	210	463.6945
50	725	CB	08	906	463.0960
51	517	FD	14	2,405	455.8012
52	474	RA	46	3,634	455.3107
53	511	BM	01	1,752	455.2817
54	760	CE	04	1,423	453.5714
55	76	PW	07	1,444	444.6856
56	1634	UL	41	238	441.0690
57	694	TO	10	2,138	439.1741
58	546	GN	06	854	437.5230
59	1565	SF	45	1,637	434.3650
60	1210	FR	45	2,920	432.0605
61	199	SE	41	1,911	431.1212
62	749	DR	08	1,319	430.0196
63	1114	ADK	44	413	425.1070
64	1051	WT	07	1,207	424.9171
65	596	SE	04	781	424.2108
66	1373	SIE	45	2,933	421.1451
67	960	RA	42	4,847	413.3564
68	1397	RO	03	1,062	412.1314
69	1202	CE	03	1,319	410.3523
70	295	HOC	03	1,494	409.5972
71	89	HM	12	1,622	405.8590
72	512	BY	10	1,242	401.9047
73	290	RU	04	1,635	398.1755
74	442	BA	43	3,944	397.8336
75	1503	MB	06	24	396.2146
76	802	PW	04	1,390	395.8908
77	603	WZ	47	4,006	395.3467
78	709	NV	04	173	389.7973
79	11	TAN	46	150	389.4551
80	223	FR	47	5,611	388.7750
81	155	KW	41	5,172	386.3401
82	575	LW	41	4,492	386.1657
83	743	BI	02	1,434	382.9357
84	727	OR	41	558	377.8452
85	612	BG	11	1,380	377.1422
86	319	BA	44	3,832	376.9672
87	669	PW	01	1,683	372.4011
88	358	CRB	46	3,119	371.7298
89	28	UN	01	864	371.2442
90	344	WT	06	682	370.6403
91	1067	FL	46	5,113	369.2505

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
92	254	EC	13	318	368.7439
93	346	RO	41	3,089	368.5622
94	20	WC	01	312	366.9119
95	1	NV	06	438	366.5164
96	907	ME	10	647	366.3709
97	717	MP	01	2,831	366.2739
98	117	BR	01	720	363.6569
99	88	FR	49	4,496	363.1797
100	1283	PA	09	1,111	362.0634
101	86	NEW	03	890	361.7188
102	367	PI	46	3,467	361.1822
103	294	DR	07	1,477	359.8189
104	509	SA	47	1,715	357.9970
105	1422	RE	42	3,074	357.4293
106	547	SF	42	2,568	356.4197
107	NEW	SP	12	848	356.0109
108	1123	PO	02	1,112	354.7276
109	368	DH	03	62	354.4184
110	50	UN	10	1,456	354.3832
111	256	OB	46	3,840	351.0144
112	80	WL	42	651	348.8963
113	143	SA	52	1,660	348.6787
114	107	HOC	07	1,970	347.8370
115	921	GW	03	337	347.5971
116	338	SA	48	1,012	345.6393
117	157	GV	06	1,482	345.2551
118	901	OB	41	4,068	344.5767
119	39	OA	05	1,474	342.2130
120	355	LAK	43	2,408	341.2463
121	601	AL	10	2,142	339.5228
122	861	SA	03	675	339.1931
123	485	GE	43	4,719	335.6353
124	1205	FZ	46	3,829	334.1473
125	395	SPW	44	2,112	333.8639
126	667	HX	01	1,766	332.5637
127	NEW	WOR	46	4,223	330.6694
128	747	GG	03	2,532	329.7239
129	12	SF	44	266	329.4505
130	30	SW	08	428	328.1350
131	85	NP	44	2,803	327.9617
132	1118	CE	06	1,669	327.0754
133	237	SR	10	1,259	323.1376
134	1440	KT	42	7,248	322.7623
135	710	WT	02	2,074	322.6823
136	925	BAR	47	4,547	321.7833
137	1592	GA	01	38	320.4839
138	35	IR	02	1,079	320.2402
139	NEW	JCK	02	473	320.0732

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
140	1081	SP	09	2,680	319.5168
141	1313	MAR	43	3,105	317.3876
142	759	GL	06	1,604	316.6040
143	312	DN	06	1,363	315.3969
144	81	SW	10	1,120	312.7480
145	906	CB	01	1,583	311.8739
146	777	AR	44	3,872	310.4967
147	1139	AF	08	2,174	308.5261
148	868	SA	54	3,182	308.2312
149	594	SW	04	2,154	307.6523
150	58	HOC	04	1,382	306.8134
151	971	CE	07	1,704	304.7015
152	186	UV	06	1,641	303.5799
153	810	BZ	08	1,461	302.9774
154	504	GW	07	1,382	302.8401
155	708	WT	01	1,221	302.8159
156	301	TM	05	33	301.6697
157	43	TO	05	1,340	297.1193
158	1243	WI	06	1,047	296.1833
159	841	LB	05	1,346	296.0537
160	382	LV	01	928	294.6218
161	95	ST	01	1,200	294.3981
162	539	NEW	01	729	294.2521
163	455	BAR	44	4,446	293.6354
164	728	GG	07	1,456	292.9975
165	64	LAK	41	1,110	292.4141
166	1432	VCR	41	6,587	292.1372
167	814	GA	05	768	291.1089
168	700	AN	09	1,518	290.0345
169	78	DV	10	1,209	289.7084
170	560	BR	09	868	287.4444
171	750	STW	05	900	287.2029
172	1636	WD	44	11	287.0891
173	1267	TE	10	590	285.8547
174	468	WT	03	557	285.5101
175	37	NP	41	2,958	285.2015
176	563	UW	06	356	280.0769
177	91	MU	02	1,033	279.7584
178	565	ME	05	1,991	279.3992
179	935	WBY	01	453	278.3409
180	637	LW	43	1,807	277.4158
181	48	CV	02	669	276.8961
182	705	DR	02	2,455	276.7167
183	584	UN	02	2,108	276.5791
184	1144	BV	43	1,429	276.0062
185	1179	SA	45	1,387	275.2713
186	198	WLO	42	2,986	274.8973
187	1019	WA	41	183	273.5607

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
188	1101	BA	04	1,276	271.5923
189	1193	AI	08	54	271.4817
190	492	RE	02	1,156	271.0643
191	411	ADK	48	3,602	270.9109
192	1262	TAN	41	572	269.9355
193	1129	WZ	42	710	269.8621
194	767	CE	02	1,621	269.6568
195	887	TE	03	1,827	268.3895
196	205	LJ	08	1,725	268.3335
197	482	GT	13	1,171	268.1388
198	404	SP	01	1,284	267.4407
199	980	ST	13	1,621	266.8008
200	801	BL	02	1,535	264.8621
201	489	SF	12	455	264.2018
202	831	DH	04	2,097	263.8456
203	1333	WL	41	814	261.8937
204	259	FD	03	1,030	261.7084
205	60	TV	02	1,089	260.8081
206	516	KW	45	3,654	260.2260
207	561	AN	01	888	259.7755
208	1134	WEB	03	1,572	259.7490
209	336	AR	41	2,464	259.5636
210	289	SIE	41	4,441	259.1580
211	622	BR	02	1,054	257.1426
212	1352	UL	48	2,124	256.9701
213	609	WW	09	1,579	255.8830
214	1299	GG	01	1,091	255.1609
215	1426	DV	07	911	253.1906
216	692	CD	09	1,695	252.9901
217	222	LV	03	832	252.9549
218	726	LK	06	1,550	252.6558
219	451	JN	09	1,555	252.0320
220	42	HY	10	2,062	251.6310
221	1213	THW	49	1,697	251.3105
222	681	TB	47	4,547	251.1827
223	1276	UV	07	1,094	250.9024
224	836	KW	43	4,430	250.1538
225	434	DN	01	1,183	249.0749
226	6	AM	04	2,049	248.1674
227	625	PI	42	4,283	246.3975
228	325	AD	05	1,389	245.3337
229	1132	KI	45	3,155	244.9696
230	1487	UL	16	510	244.0718
231	799	HX	03	533	243.1665
232	469	WF	48	4,863	242.7447
233	146	NM	01	805	242.7335
234	903	AN	02	2,534	242.3600
235	1341	RO	02	2,707	241.8414

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
236	844	HOC	02	1,721	241.1720
237	585	BZ	05	966	241.1358
238	264	LA	04	1,464	240.7972
239	286	MP	03	2,167	239.4392
240	276	PI	47	4,127	238.6692
241	497	PW	02	1,700	238.3582
242	38	BR	08	970	237.3582
243	NEW	CK	07	304	236.9021
244	1319	KM	04	1,435	236.8196
245	29	MP	04	1,425	236.0412
246	840	WO	13	748	235.3657
247	1314	ES	08	668	235.2412
248	21	UL	15	431	234.9915
249	1152	TE	06	1,178	234.3607
250	1343	VL	07	1,565	234.1570
251	167	SO	50	1,163	233.7407
252	703	TAN	44	755	232.7884
253	201	STW	02	1,398	232.4586
254	947	WI	07	1,309	232.4169
255	1242	GA	03	480	232.2962
256	812	FT	05	952	231.7163
257	571	FD	09	2,492	231.2600
258	179	LA	01	1,540	231.1589
259	284	HV	08	1,877	230.3860
260	1472	TO	06	839	230.1606
261	288	SH	12	873	229.3093
262	454	EC	08	1,233	229.1763
263	548	KDL	42	2,952	229.0154
264	414	IM	43	3,006	228.2576
265	138	KW	42	4,187	227.9298
266	691	DV	05	1,469	227.8249
267	562	CRB	42	2,969	227.7958
268	515	BY	06	1,845	227.7513
269	855	SB	08	938	226.7629
270	246	WT	08	199	226.7071
271	419	SR	15	2,206	225.9670
272	7	FP	05	61	225.6216
273	230	EC	11	713	225.3541
274	825	WO	05	1,395	224.9521
275	602	CB	02	1,104	224.5906
276	958	AV	02	1,313	224.2457
277	136	GE	42	3,354	224.2428
278	1280	WV	01	106	224.1117
279	413	SW	09	1,186	224.0956
280	1504	RO	06	924	223.9729
281	1300	KDL	45	2,838	223.7191
282	227	RZ	02	1,998	223.1171
283	533	KT	48	3,266	221.8972

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
284	374	NB	46	1,691	221.7655
285	839	WW	07	2,512	219.6703
286	1111	KB	09	668	219.2851
287	1603	GS	23	16	219.0563
288	120	LY	44	1,066	218.2520
289	457	MC	04	1,967	217.5125
290	657	LK	05	2,359	217.2899
291	1384	ST	07	1,228	216.5934
292	330	ST	16	1,346	216.2549
293	619	RU	06	1,868	216.0172
294	195	OR	03	1,188	215.9270
295	1637	WLO	47	22	215.7636
296	83	WR	09	891	215.6726
297	645	RT	01	362	214.5566
298	821	PHR	01	2,781	214.3330
299	778	FRY	41	3,962	213.5231
300	555	GW	06	882	213.3628
301	549	BA	01	847	212.6903
302	427	LU	42	2,964	212.3199
303	1173	EU	07	1,314	211.7846
304	348	BW	09	36	211.7486
305	785	LY	47	519	211.6814
306	1183	GE	46	3,296	211.3250
307	614	NS	02	2,041	210.9985
308	125	BH	07	1,352	210.7244
309	896	LV	02	806	209.2424
310	964	SIE	44	3,634	209.1791
311	1214	HM	07	1,162	209.1108
312	945	QV	02	1,292	209.0882
313	1011	CV	07	1,796	209.0013
314	345	BR	10	1,242	209.0005
315	780	CC	04	1,199	208.9531
316	782	AN	10	1,579	208.3416
317	1121	DR	05	2,090	207.8142
318	445	EC	15	1,615	207.5954
319	444	KG	41	1,511	206.9370
320	1359	ST	08	641	206.6206
321	617	PO	09	2,334	204.7624
322	1268	BAR	43	5,318	204.5993
323	NEW	CK	08	506	204.2162
324	1171	DL	43	2,433	203.9864
325	392	KDL	46	4,114	203.2470
326	890	BA	42	5,105	201.8566
327	690	FR	42	2,356	201.5855
328	1110	AL	05	1,558	201.2120
329	112	LM	03	864	200.7208
330	1037	FP	07	1,016	200.5754
331	456	BM	04	798	199.9186

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
332	684	SA	43	4,259	199.4052
333	680	TV	04	1,250	199.0623
334	666	SR	03	1,274	198.9165
335	697	WE	08	1,406	198.3036
336	752	BL	08	1,849	198.1307
337	239	GP	06	1,432	197.5553
338	1348	MB	02	45	197.5440
339	951	GE	47	3,704	197.5057
340	453	AD	07	1,717	197.4113
341	418	CV	03	953	197.2652
342	443	CB	11	2,595	196.9941
343	33	LM	02	934	196.3727
344	1445	FL	47	2,061	196.1947
345	1345	AF	11	1,366	195.8509
346	435	RED	06	1,905	195.8419
347	279	BY	07	1,289	195.4754
348	503	QV	08	1,126	195.4171
349	339	DH	05	1,658	194.5673
350	436	SW	07	1,826	194.4298
351	611	GP	07	1,072	193.2270
352	490	BR	03	2,075	193.1815
353	740	GG	04	1,090	193.1391
354	1070	KT	45	4,969	192.7362
355	866	UV	08	525	192.4204
356	293	BT	07	1,397	191.8157
357	429	CRB	43	4,506	191.5286
358	532	KB	12	1,065	191.4549
359	267	FZ	41	5,861	191.0998
360	1087	ST	12	801	191.0804
361	499	ST	02	1,471	189.8788
362	240	PG	01	348	189.7822
363	976	LJ	06	818	189.7025
364	1147	BAR	45	2,745	189.5111
365	491	RZ	03	1,260	189.0292
366	526	SO	47	3,022	188.8967
367	860	WLO	43	3,358	188.5810
368	262	EC	14	831	187.1342
369	433	GN	09	643	186.8241
370	806	CL	05	1,140	186.5721
371	605	HB	50	3,640	186.2368
372	1256	FRY	42	3,951	185.1726
373	1253	MAR	41	3,301	185.1590
374	420	DH	07	920	184.9867
375	409	CL	06	662	184.9436
376	332	CE	01	1,402	184.3538
377	1061	BI	42	2,936	183.5013
378	241	AD	11	1,643	183.3261
379	118	HK	44	1,186	183.3098



## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
380	724	LW	42	2,011	183.2403
381	829	DE	07	1,259	183.0018
382	734	WO	02	1,697	182.8778
383	31	LJ	07	2,533	182.1623
384	702	FR	43	3,575	181.8659
385	1145	NS	07	2,364	181.6706
386	1366	BU	02	111	181.6367
387	885	PE	05	1,223	181.5983
388	919	GT	08	1,213	181.5639
389	1124	HM	10	1,858	181.5370
390	654	RS	07	857	180.9076
391	715	DV	01	593	180.2354
392	1465	IND	05	60	179.9152
393	472	SB	01	826	179.6942
394	431	ST	05	1,063	179.2708
395	661	ST	06	1,002	179.2427
396	70	THW	48	3,378	179.0709
397	422	MV	01	291	179.0016
398	1522	LJ	03	954	178.9407
399	1251	PZ	46	2,146	178.7434
400	592	HM	11	2,615	178.6949
401	738	SE	01	912	178.2261
402	741	LAK	46	2,995	178.0456
403	285	TWG	43	2,161	178.0023
404	1511	ST	10	632	177.8120
405	624	CYF	41	166	176.9360
406	150	BL	03	1,720	176.0193
407	927	SW	03	1,960	176.0144
408	974	ST	14	643	175.9499
409	437	PA	11	1,701	175.7107
410	859	AF	05	1,275	175.3823
411	1236	KL	49	2,771	175.0377
412	576	CR	01	2,113	174.8235
413	922	BH	08	2,072	174.1775
414	27	MC	06	97	173.8802
415	55	OA	07	924	173.4457
416	644	DR	09	279	172.9562
417	40	LW	45	2,555	172.0247
418	462	RU	05	1,696	171.7127
419	49	CRB	47	3,378	171.2009
420	653	UN	03	702	170.8844
421	168	HG	04	1,898	170.3323
422	46	STW	03	2,001	168.9422
423	761	LB	07	530	168.6898
424	311	BU	01	942	168.5653
425	52	BI	45	2,955	168.5249
426	553	CYF	49	1,687	168.2791
427	1367	MID	01	892	168.0984

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### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
428	787	LM	04	1,296	167.8898
429	1336	RO	05	1,004	167.7116
430	529	FR	41	2,728	167.4958
431	NEW	BG	12	85	167.3466
432	383	WT	04	700	167.2909
433	808	CD	08	1,072	167.2436
434	984	UL	45	3,202	167.0733
435	197	HP	04	2,139	166.9817
436	297	LK	09	993	166.8383
437	573	RU	03	1,932	166.4347
438	1589	DT	35	30	166.1660
439	257	SF	03	703	165.8197
440	1072	CL	09	407	165.8195
441	668	LB	01	1,533	165.6061
442	521	HV	42	2,356	165.2748
443	969	PA	10	978	165.1182
444	1046	HK	45	1,555	164.8412
445	354	CG	04	1,583	164.4668
446	628	WO	14	2,119	164.4571
447	322	SO	46	3,325	163.1061
448	677	MAR	42	3,245	162.8824
449	1318	RE	04	946	162.7707
450	735	FAN	46	587	162.6955
451	62	HB	48	3,026	162.4009
452	473	LW	44	2,549	162.3606
453	362	NV	02	951	162.1703
454	283	AD	02	2,169	161.4765
455	370	SB	02	1,630	161.0941
456	139	SA	01	1,039	161.0431
457	161	WA	44	702	160.7662
458	1436	KN	06	2,332	160.6793
459	196	TWG	41	7,363	160.5958
460	520	MAR	51	6,237	160.2140
461	NEW	WOR	45	5,227	160.0187
462	985	HY	08	1,432	159.8451
463	1327	CE	10	1,403	159.8291
464	206	HB	46	4,947	159.6909
465	296	SA	46	124	159.6131
466	640	KB	17	1,191	159.5945
467	650	TB	48	2,841	159.3428
468	365	SP	05	1,973	159.2414
469	1395	UL	02	1,132	157.6576
470	145	WA	43	953	157.6224
471	1500	CR	08	764	157.3393
472	771	SE	02	1,398	157.0547
473	852	DA	04	868	156.5385
474	23	VL	06	425	156.3783
475	1211	CD	07	1,229	156.1472

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
476	768	NV	01	891	156.1229
477	1547	HA	09	1,479	155.9442
478	300	HK	41	698	155.7909
479	144	LJ	04	1,382	155.1844
480	758	TO	08	678	154.8303
481	NEW	MC	10	839	154.8045
482	568	WO	03	1,855	154.7949
483	148	NB	41	6,457	154.2115
484	15	AT	41	2,559	153.7532
485	751	THW	42	2,705	153.4418
486	232	CB	09	1,816	153.2620
487	1189	SA	42	463	153.0261
488	1013	CK	06	1,312	152.9346
489	1220	WLO	41	4,331	152.7953
490	1026	WO	07	2,550	152.6105
491	1424	WE	01	162	152.5021
492	524	LJ	01	1,094	152.1653
493	1477	NS	05	1,832	151.6186
494	1190	HV	41	1,696	151.5183
495	1263	LJ	02	1,671	150.9343
496	915	SA	49	1,471	150.2726
497	1170	STF	41	1,045	150.1377
498	44	NP	43	2,783	149.9856
499	1509	BW	03	10	149.9840
500	1029	SPW	49	4,229	149.8391
501	953	CR	04	1,984	149.7213
502	589	RZ	01	679	149.2812
503	598	KB	03	1,109	148.8220
504	242	SPW	43	4,470	148.7822
505	446	MAR	46	2,513	148.1267
506	800	WI	01	2,298	148.0445
507	1294	RS	05	1,668	147.9861
508	335	PI	41	3,883	147.5258
509	341	VL	03	20	147.4555
510	652	SO	42	5,283	147.3266
511	1750	SF	47	1,059	147.1424
512	1416	GP	09	201	146.4067
513	187	RA	41	3,095	145.8070
514	384	UL	13	3,680	145.5834
515	643	DH	10	2,755	145.0748
516	266	LAK	45	5,073	144.5665
517	369	GT	04	1,429	144.0262
518	1282	BL	01	1,242	143.9239
519	340	ST	11	1,112	143.9084
520	1099	LW	46	5,320	142.9060
521	1077	SA	44	1,092	142.8950
522	350	FP	03	41	142.6417
523	236	MV	03	833	142.3894

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
524	615	OA	01	705	142.3340
525	1018	LY	41	977	142.2999
526	238	CYF	50	3,004	142.1020
527	458	PA	02	970	141.9382
528	314	HM	09	1,668	141.6825
529	495	DL	45	3,284	141.6139
530	3	LC	01	267	140.9839
531	1117	QV	03	1,008	140.9493
532	162	KL	46	3,306	140.6855
533	972	WW	10	1,953	140.6533
534	900	EB	06	1,229	140.5864
535	1640	BG	01	1,139	140.4015
536	639	LU	44	3,903	140.3007
537	34	RT	02	498	140.2676
538	1371	KG	45	3,058	139.8672
539	14	LAK	42	3,992	139.7283
540	1023	CK	03	1,036	139.5202
541	798	THW	46	4,734	139.4223
542	1491	CV	05	1,668	139.3054
543	1008	BY	03	1,688	139.0288
544	280	AT	43	2,146	138.9997
545	488	LJ	05	787	138.9235
546	673	BA	47	3,420	138.8426
547	416	TO	04	331	138.8158
548	72	CS	02	1,669	138.7787
549	1382	EC	02	1,998	138.5210
550	1001	WEB	01	1,952	138.4829
551	51	JN	05	1,629	138.4413
552	1296	IM	48	2,337	138.1423
553	834	UN	09	1,141	138.1312
554	664	SC	04	329	138.1153
555	1557	CR	02	398	137.9249
556	82	NSH	02	160	137.5654
557	502	PW	08	315	137.3212
558	273	UN	11	871	137.1023
559	123	PI	43	4,917	137.0623
560	583	MAR	50	3,636	137.0506
561	629	HT	03	426	136.9339
562	476	MAR	49	2,866	136.7626
563	396	AD	08	2,187	136.7602
564	1309	GT	09	1,080	136.6050
565	843	CE	09	1,555	136.3091
566	712	PW	05	2,067	135.7908
567	883	HM	01	2,329	135.3379
568	356	MID	03	1,947	134.7778
569	1285	JN	11	2,094	134.5340
570	1140	KN	02	2,076	134.3622
571	102	BL	06	1,435	133.9991

## Service Quality Report to the Public Utility Commission of Texas

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
572	1104	PJ	02	1,161	133.8301
573	1409	KT	50	3,309	133.6455
574	192	GV	03	1,227	133.5176
575	302	TWG	44	5,733	133.2088
576	466	ST	04	1,416	132.9346
577	723	HV	02	288	132.0757
578	871	SPW	48	2,615	132.0314
579	449	ES	06	2,337	131.8625
580	875	RE	03	1,095	131.8620
581	1076	GA	09	2,081	131.5884
582	235	SP	03	2,579	131.1959
583	514	FD	13	1,851	130.5959
584	651	BT	05	2,089	130.2970
585	599	BV	41	3,513	129.6584
586	269	TB	45	2,878	129.5949
587	NEW	WR	15	1,065	129.4393
588	318	HB	44	3,058	128.8829
589	261	WEB	12	590	128.8382
590	967	AI	10	43	128.6470
591	731	CB	05	2,053	128.4851
592	858	DH	09	1,275	128.1459
593	924	WW	08	258	127.9218
594	856	KG	42	3,773	127.8330
595	1292	CA	01	903	127.4637
596	360	KI	48	3,055	127.2087
597	557	BE	02	1,790	127.0893
598	932	LK	02	2,255	127.0654
599	1311	MB	04	166	126.9807
600	1438	WO	11	62	126.9416
601	1537	GA	08	55	126.5618
602	26	AM	03	111	126.3573
603	1227	FD	08	2,677	126.3565
604	181	WW	02	655	125.9164
605	982	KL	47	3,180	125.8828
606	765	GL	01	2,099	125.8458
607	1270	HA	11	1,538	125.6142
608	1030	AF	09	2,562	125.3009
609	527	DN	04	1,971	125.1007
610	789	JN	03	1,828	125.0464
611	351	SPW	45	3,365	124.9803
612	282	UL	03	532	124.9242
613	746	HE	01	1,722	124.7307
614	1374	SIE	47	3,908	124.6338
615	688	HG	02	1,281	124.6057
616	1471	FT	10	1,542	124.3092
617	135	NB	42	317	124.2509
618	1569	SF	05	567	124.1711
619	225	LY	43	493	123.5932

## Service Quality Report to the Public Utility Commission of Texas

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
620	1540	ES	04	403	123.3271
621	999	WL	02	94	123.2746
622	968	CD	03	1,477	123.1377
623	1350	WD	42	83	122.7133
624	794	PI	48	4,027	122.2079
625	579	GG	09	1,967	122.1925
626	1226	WO	12	1,674	122.0528
627	1506	UL	09	571	121.7741
628	151	CC	01	2,108	121.2611
629	1543	KN	01	909	121.2510
630	183	AF	06	2,211	121.1541
631	424	WF	41	1,246	120.9592
632	732	PO	07	652	120.8107
633	1100	WZ	46	3,916	120.7102
634	1095	HOC	06	759	120.5488
635	NEW	JCK	03	1,080	120.2487
636	122	PI	45	4,085	120.2302
637	578	BG	02	2,524	120.0146
638	564	GP	04	651	119.9433
639	1250	UV	05	1,830	119.7578
640	400	BL	09	886	119.4604
641	180	KL	45	3,451	119.4246
642	1109	PE	03	1,604	119.4188
643	1006	CS	03	1,791	119.0967
644	842	HL	07	874	119.0881
645	946	RO	43	1,797	119.0446
646	930	GL	09	1,994	118.9117
647	69	HB	45	1,741	118.8078
648	137	HL	02	1,589	118.6459
649	475	GG	06	1,519	118.6065
650	600	HT	07	980	118.4905
651	846	WR	12	1,071	118.3714
652	757	KL	48	3,839	118.1672
653	493	FD	01	1,644	118.1065
654	53	FD	07	1,031	117.9720
655	762	LC	02	248	117.8652
656	686	KG	46	7,403	117.2705
657	763	KN	03	927	117.1314
658	378	AN	05	1,806	117.1215
659	317	WF	01	406	117.1068
660	432	PA	08	1,217	117.0666
661	616	NV	03	1,080	116.7449
662	103	CRB	44	2,286	116.7195
663	1106	HK	47	2,989	116.2926
664	160	KI	44	4,002	116.1055
665	1015	BI	09	1,648	115.9784
666	1083	BG	04	1,045	115.8980
667	24	LU	03	999	115.8842

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
668	1200	FL	43	3,873	115.6111
669	215	MP	07	545	115.2695
670	152	PA	04	863	115.2600
671	1065	FM	02	633	114.9447
672	366	HT	02	3,380	114.8424
673	1581	BI	10	15	114.8400
674	819	KM	06	2,013	114.5024
675	1380	JOR	41	2,550	114.1598
676	304	ME	02	1,236	114.1473
677	1128	HP	05	3,127	113.9436
678	905	LB	04	397	113.9217
679	1495	HE	05	1,690	113.7740
680	1452	NB	44	757	113.7437
681	882	GG	10	1,902	113.0279
682	460	AR	45	6,665	112.7044
683	774	ES	03	1,734	112.2646
684	610	HOC	08	2,040	111.9371
685	716	THW	45	4,316	111.6301
686	1323	EC	09	1,371	111.5553
687	663	THW	47	3,857	111.3890
688	536	BL	10	1,454	111.1101
689	954	WF	42	3,702	111.0039
690	NEW	CE	13	1,507	110.9985
691	745	TB	06	1,157	110.9373
692	220	DV	03	701	110.9146
693	1038	HE	02	2,047	110.2033
694	672	LK	08	1,477	109.9811
695	79	HM	06	1,918	109.9618
696	1084	JN	08	1,146	109.9257
697	773	TB	43	2,658	109.9137
698	1217	SF	46	1,942	109.8456
699	121	NS	06	1,359	109.5999
700	1328	FT	02	1,124	108.9302
701	1007	BR	07	1,145	108.7714
702	674	UL	49	1,234	108.7315
703	265	RED	03	445	108.5068
704	9	HB	51	1,284	108.4813
705	1575	STF	01	740	108.4779
706	182	TWG	45	2,157	108.3660
707	1004	OR	01	135	108.2668
708	1167	EL	05	649	107.8595
709	1376	NM	03	1,404	107.4831
710	1082	MY	06	1,638	106.9666
711	149	AV	03	1,004	106.7562
712	425	AD	03	764	106.7051
713	1032	UV	02	358	106.6990
714	893	HA	01	1,621	105.6571
715	891	CD	05	842	105.3955

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
716	NEW	CE	12	1,396	105.1944
717	1498	FM	03	134	105.0896
718	1260	EU	12	162	104.9769
719	1209	HE	07	1,693	104.9365
720	824	SP	08	1,189	104.8385
721	1536	BI	04	968	104.7287
722	510	AN	06	1,135	104.5856
723	130	SB	04	899	104.5587
724	388	SPW	47	5,004	104.4251
725	505	THW	44	3,953	104.1992
726	328	AD	06	732	104.0376
727	1178	MP	06	370	104.0302
728	464	DE	03	563	103.7909
729	56	HOC	01	801	103.5495
730	1221	PZ	42	3,078	103.3300
731	306	TE	04	190	103.0316
732	1000	IR	03	1,625	102.5508
733	894	WEB	02	434	102.2730
734	507	IM	44	2,956	102.2690
735	1075	NB	45	1,343	102.0634
736	372	EB	07	768	102.0211
737	793	HE	06	1,970	101.8977
738	500	EU	02	651	101.7537
739	991	ST	03	926	101.3928
740	1036	WO	04	1,322	101.1685
741	838	BAR	46	5,493	101.1205
742	848	JP	02	63	100.8554
743	234	WW	04	907	100.7239
744	440	PA	06	1,568	100.2331
745	461	SH	10	1,110	100.2316
746	1002	HP	02	1,169	100.0120
747	1192	HY	12	977	99.9809
748	1085	KB	20	977	99.8781
749	364	FT	08	290	99.7568
750	1516	RO	42	1,303	99.6564
751	1054	UL	46	3,490	99.6294
752	1353	DV	08	933	99.5403
753	811	FD	11	1,792	99.5174
754	1399	AR	42	3,684	99.3329
755	1199	CK	02	513	98.9981
756	380	BR	05	613	98.5622
757	1264	LK	01	1,311	98.5252
758	1298	AL	08	1,432	98.4907
759	NEW	FL	50	2,573	97.5521
760	134	WO	09	305	97.3574
761	1232	BW	07	2,806	97.3087
762	634	MC	02	202	97.0068
763	1237	CA	06	886	96.9035



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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
764	1447	DN	08	540	96.7747
765	776	IM	47	1,295	96.2610
766	530	KT	41	1,816	95.9209
767	1097	DE	01	1,268	95.5212
768	1717	LIM	42	115	95.4495
769	845	RO	04	1,577	95.1371
770	722	AE	05	259	94.8576
771	1009	BY	02	1,546	94.8007
772	957	DN	02	1,022	94.6077
773	618	AD	10	532	94.5265
774	66	CS	01	1,838	94.3845
775	997	AF	04	1,797	94.3533
776	496	GV	02	1,770	94.0694
777	1022	HR	04	1,749	94.0331
778	552	HV	01	1,101	94.0178
779	764	AR	46	5,514	94.0167
780	541	RS	08	856	93.9183
781	586	MV	02	629	93.7259
782	1293	ED	06	2,328	93.6445
783	278	SIE	46	3,118	93.6113
784	387	CA	02	1,635	93.5966
785	857	HR	03	2,430	93.4485
786	1423	HE	09	2,063	93.4368
787	1033	DE	06	1,021	93.3769
788	721	WV	03	1,878	93.1010
789	1355	BM	07	488	92.9713
790	47	CE	08	844	92.9073
791	1439	KG	44	3,054	92.5723
792	100	STF	04	859	92.5602
793	1025	MP	02	1,547	92.3717
794	1187	AL	06	1,238	92.1480
795	574	EL	07	1,711	91.9805
796	786	FT	07	2,197	91.8704
797	216	LB	03	411	91.7231
798	881	TIK	01	1,111	91.6148
799	363	HT	05	823	91.5044
800	937	HE	08	1,837	91.3675
801	739	TE	01	1,163	91.3448
802	361	BY	09	1,656	90.9958
803	173	SB	06	1,733	90.7645
804	1245	AF	07	1,682	90.7379
805	940	OA	04	1,706	90.4110
806	258	MP	05	1,650	90.3407
807	1196	TB	44	1,972	90.0425
808	471	LB	02	2,022	90.0231
809	899	BG	07	2,028	89.9839
810	889	AF	12	690	89.8346
811	298	HA	07	1,474	89.8080

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### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
812	210	LU	02	1,050	89.5660
813	528	DL	44	3,682	89.4564
814	597	AM	02	1,599	89.2548
815	1394	FW	03	1,990	89.1434
816	1127	BZ	09	736	89.0594
817	154	AD	09	2,116	89.0003
818	938	UN	08	1,333	88.8416
819	880	LU	41	4,166	88.7413
820	737	HR	01	1,972	88.3036
821	321	NM	06	852	88.1972
822	711	LK	04	1,874	88.1537
823	377	PHR	02	2,355	88.0925
824	459	UN	05	1,383	87.8702
825	NEW	MC	09	618	87.8220
826	986	NV	05	1,318	87.4970
827	978	BAR	41	6,862	87.4326
828	1093	CB	04	1,367	87.3468
829	352	LY	42	40	86.8033
830	1035	BU	04	30	86.7997
831	1112	KL	44	4,572	86.6812
832	1344	ADK	49	1,105	86.6376
833	630	WO	01	1,880	86.6089
834	203	LU	45	4,030	86.4472
835	1288	HG	01	205	86.0851
836	NEW	TRN	45	1,481	85.8964
837	389	AF	10	1,650	85.8254
838	77	MY	07	1,061	85.6336
839	581	DA	06	468	85.3880
840	87	HM	05	1,901	85.3813
841	851	ME	11	877	85.0978
842	NEW	WOR	43	1,902	84.8982
843	1403	NM	02	2,559	84.7674
844	1281	SO	41	2,446	84.6960
845	606	GZ	46	1,443	84.6665
846	988	HOC	05	944	84.6065
847	1275	MY	05	794	84.6036
848	252	LJ	09	3,292	84.5468
849	1158	NS	03	327	84.5189
850	292	BW	05	1,499	84.3900
851	525	UN	04	639	84.1211
852	963	ES	05	1,882	84.0389
853	417	CL	04	60	84.0165
854	331	WF	46	6,776	83.9915
855	850	BR	12	1,511	83.9638
856	233	WZ	43	1,726	83.9156
857	662	BT	04	1,557	83.8506
858	588	KT	49	4,098	83.8452
859	90	ME	01	1,630	83.8236

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
860	1456	CA	04	1,118	83.4184
861	479	DH	08	2,359	83.4131
862	689	DE	08	461	83.2162
863	1108	LU	43	4,303	83.1645
864	813	WZ	44	925	83.1502
865	933	LIM	45	4,492	83.1391
866	213	DH	02	1,132	82.9071
867	63	AN	08	867	82.6947
868	1165	IM	46	1,393	82.6244
869	463	FW	01	1,361	82.3686
870	1161	AN	11	1,834	82.1160
871	970	AI	06	109	81.7109
872	371	KN	04	49	81.5937
873	649	SP	02	1,920	81.5770
874	1420	BW	12	58	81.5197
875	260	NS	04	831	80.9869
876	1321	MAR	44	3,329	80.7524
877	1529	RO	08	1,777	80.6690
878	96	LK	07	1,268	80.6656
879	1103	BE	01	2,194	80.5673
880	847	DR	04	1,902	80.4795
881	1419	WV	02	750	80.2031
882	501	BC	09	562	80.1976
883	1566	SR	01	256	80.1507
884	623	FRY	49	5,656	80.1503
885	115	KL	50	3,218	80.0907
886	1239	KI	47	3,645	80.0593
887	397	TRN	07	1,015	79.9003
888	67	CG	02	1,921	79.6708
889	720	PJ	04	1,470	79.0491
890	892	TWG	42	5,277	79.0194
891	1055	LP	01	713	78.9583
892	NEW	WOR	44	4,230	78.9470
893	1346	TO	09	1,222	78.9380
894	1059	HV	07	1,480	78.8375
895	407	BAR	42	4,433	78.7936
896	803	DE	04	742	78.5551
897	1361	GT	03	2,797	78.5127
898	816	RA	45	2,506	78.4414
899	884	MP	08	1,868	78.2495
900	111	LU	04	1,521	77.7195
901	1535	CL	08	58	77.6733
902	1156	AN	03	1,212	77.5602
903	699	GE	41	3,041	77.4937
904	211	IR	04	1,228	77.3551
905	1159	HA	05	1,110	77.3545
906	1365	WT	05	687	76.9893
907	1146	BI	46	1,223	76.8643

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
908	655	SF	13	693	76.6690
909	1053	RA	44	5,488	76.6034
910	45	LIM	43	165	76.5768
911	188	HV	06	1,412	76.3581
912	1246	CB	10	1,966	75.7591
913	1515	CR	06	1,125	75.6194
914	783	FL	48	3,730	75.4938
915	522	SP	06	2,271	75.4635
916	993	HV	03	933	75.3545
917	1326	WT	12	754	75.3097
918	1480	UL	47	2,917	74.9242
919	853	GAR	07	84	74.8944
920	1086	CRB	41	2,082	74.7349
921	1499	CYF	44	4,774	74.1720
922	879	WLO	44	4,163	74.0514
923	470	HM	02	2,188	74.0237
924	948	GV	05	402	73.8655
925	1368	GS	22	1,441	73.8359
926	245	KB	02	838	73.7457
927	106	WBY	02	1,232	73.4528
928	817	SPW	42	2,636	73.4302
929	164	EU	09	1,368	73.4263
930	1073	ADK	45	1,452	73.0976
931	656	GZ	41	4,469	72.4942
932	5	BL	04	1,553	72.0605
933	1462	CA	07	485	72.0245
934	247	FZ	43	574	72.0243
935	719	PA	01	2,493	71.9365
936	1231	WD	46	1,249	71.5819
937	1049	GZ	44	3,154	71.4797
938	687	KL	41	3,135	71.3102
939	830	CD	02	1,776	71.1637
940	1175	DR	12	890	71.0979
941	567	HR	02	1,110	70.9942
942	1060	EC	07	718	70.8802
943	1141	JP	06	271	70.7560
944	277	BT	01	1,081	70.6494
945	NEW	AL	12	696	70.6437
946	452	PA	03	2,216	70.5732
947	797	RE	07	1,521	70.5352
948	NEW	HP	09	2,026	70.1520
949	326	CV	01	2,304	70.0250
950	441	CD	06	1,913	70.0042
951	1241	AF	02	1,576	69.9549
952	132	HB	03	271	69.9082
953	10	BH	09	1,386	69.8109
954	756	BM	03	309	69.7839
955	864	KDL	41	4,234	69.7793

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
956	1564	MY	09	209	69.7260
957	116	HB	04	621	69.4917
958	570	BE	04	1,929	69.3087
959	854	BI	08	900	69.1775
960	110	HL	05	1,562	69.1621
961	1357	SF	15	664	68.6724
962	713	LP	08	340	68.4759
963	872	HY	03	998	68.3589
964	1277	FL	42	3,708	68.2670
965	818	LB	06	139	68.2046
966	421	WR	10	1,523	67.9750
967	1224	WI	02	1,030	67.9572
968	518	EC	05	989	67.3674
969	1427	WEB	08	826	67.1681
970	1554	KB	10	859	67.1467
971	99	PA	05	1,547	67.1442
972	729	ADK	43	520	67.0978
973	483	ED	04	1,904	67.0471
974	1027	CR	03	2,078	66.9422
975	323	AT	42	2,374	66.7698
976	376	DR	03	2,016	66.7053
977	97	TRN	01	374	66.4485
978	513	GA	04	1,305	66.2295
979	966	IR	01	811	66.1300
980	766	MU	01	1,853	65.9593
981	730	BZ	03	2,052	65.8672
982	386	IM	49	3,995	65.5613
983	1289	LP	06	865	65.4465
984	1229	KB	07	622	65.4282
985	595	KI	43	3,055	65.3410
986	1261	PO	01	1,088	65.2940
987	1148	WI	44	5,016	65.2298
988	176	AM	06	791	65.1049
989	1089	HE	04	1,692	65.0865
990	1401	RO	07	2,140	64.8970
991	178	BE	03	1,636	64.7698
992	303	AN	04	1,831	64.7356
993	538	NM	05	2,955	64.5301
994	550	AL	07	1,314	64.3948
995	1125	KI	42	4,691	64.3661
996	995	GA	10	803	64.2915
997	1558	FRK	41	12	64.2300
998	1386	PO	04	1,228	64.1233
999	1212	WI	05	791	63.8494
1000	343	WD	50	1,288	63.5441
1001	480	GT	01	763	63.5430
1002	613	SA	41	456	63.5044
1003	1668	FRK	43	15	63.4920

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1004	1119	PO	03	705	63.4155
1005	93	HY	01	2,285	63.3736
1006	105	TO	01	2,033	63.2941
1007	399	CV	06	1,001	63.2624
1008	1528	FZ	50	3,778	63.1450
1009	1197	FW	02	521	62.8401
1010	805	CL	03	1,457	62.7828
1011	1130	KB	04	957	62.6475
1012	1390	TE	08	1,014	62.6455
1013	863	KI	49	2,870	62.5682
1014	32	TRN	03	430	62.4625
1015	910	BY	08	1,660	62.4540
1016	274	LA	02	1,518	62.4107
1017	877	KI	46	2,917	62.3442
1018	1626	SDY	03	90	62.2890
1019	17	PE	04	1,152	62.2061
1020	174	GT	12	1,869	62.1711
1021	426	DL	41	4,552	62.0769
1022	908	GL	03	313	61.9822
1023	74	FR	44	6,769	61.9327
1024	1203	DR	06	796	61.8812
1025	1697	GS	13	167	61.8467
1026	898	BA	45	3,972	61.8388
1027	NEW	AM	09	1,555	61.6880
1028	1331	GZ	43	2,973	61.5183
1029	1113	HB	49	3,415	61.3410
1030	683	UW	05	887	60.6661
1031	895	RE	05	1,389	60.6261
1032	1136	HA	04	1,714	60.5388
1033	1048	SPW	51	3,513	60.4144
1034	1415	HA	03	1,567	60.3946
1035	535	CD	10	1,422	60.3236
1036	450	TRN	41	1,397	60.3083
1037	194	WF	05	1,315	60.2680
1038	1617	PK	04	234	60.1547
1039	375	EC	04	1,738	59.9759
1040	1149	DV	02	1,789	59.8025
1041	1079	BI	44	46	59.8015
1042	736	CC	03	2,381	59.7896
1043	795	HL	03	578	59.7081
1044	1295	TE	07	1,137	59.6999
1045	1115	SO	49	6,562	59.6013
1046	1347	SC	05	33	59.5955
1047	128	WI	42	4,793	59.5466
1048	784	SB	05	1,250	59.5316
1049	587	STF	05	1,602	59.3425
1050	1120	GZ	42	1,364	59.3325
1051	1057	HV	05	691	59.1492

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1052	309	DN	07	1,730	59.0926
1053	633	FZ	49	3,854	59.0411
1054	270	GA	06	669	58.9473
1055	209	NS	01	767	58.7651
1056	701	SF	43	3,682	58.7589
1057	307	OR	02	437	58.5662
1058	185	DL	46	2,043	58.5307
1059	770	HNY	05	1,001	58.5141
1060	1177	FD	10	2,128	58.4577
1061	1290	ES	02	1,740	58.4432
1062	1520	SP	10	598	58.4432
1063	912	JN	04	785	58.3308
1064	1606	HG	08	21	58.3090
1065	1448	BG	10	938	58.3069
1066	1003	QV	04	1,025	58.0906
1067	228	FD	06	2,452	58.0306
1068	1340	FRY	43	3,667	57.9421
1069	25	HOC	09	1,760	57.9233
1070	NEW	WOR	41	12	57.8692
1071	381	GL	05	1,473	57.6270
1072	1489	PO	08	1,818	57.4387
1073	75	BZ	06	2,051	57.3963
1074	1604	GS	29	27	57.1759
1075	658	AF	03	1,960	57.1731
1076	1028	GL	07	2,381	57.1439
1077	796	PE	07	1,865	56.9439
1078	1467	KB	18	707	56.6995
1079	1088	RA	43	1,804	56.6117
1080	140	KI	41	2,233	56.5816
1081	36	KW	46	2,770	56.4983
1082	494	SPW	52	3,606	55.9058
1083	956	SR	08	1,076	55.7657
1084	1257	CA	08	993	55.6957
1085	608	SE	03	856	55.6695
1086	792	WR	13	1,666	55.5404
1087	430	LY	48	2,982	55.5380
1088	638	HK	43	2,289	55.5109
1089	1045	RU	01	1,431	55.3727
1090	981	CE	11	1,949	55.2296
1091	987	HX	02	1,329	55.1999
1092	249	KDL	43	4,169	55.0797
1093	315	UW	03	1,260	54.8994
1094	98	HY	09	1,301	54.8120
1095	742	EC	03	536	54.7781
1096	923	TO	11	1,346	54.6160
1097	566	MP	10	1,125	54.4117
1098	753	CG	07	433	54.3757
1099	558	DV	06	1,932	54.3086

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1100	1259	TB	42	4,028	54.2934
1101	465	TB	41	3,816	53.9866
1102	642	HB	47	1,529	53.9304
1103	942	BY	05	1,705	53.8826
1104	334	CV	09	1,004	53.8784
1105	159	AD	01	704	53.7573
1106	620	TE	09	1,529	53.6775
1107	415	MDY	03	2,573	53.6446
1108	577	HV	04	1,658	53.6299
1109	342	GE	49	6,849	53.6225
1110	1031	DN	03	1,924	53.5160
1111	1482	WEB	06	750	53.3873
1112	1430	ES	01	937	53.3435
1113	1185	AI	07	54	53.2624
1114	965	SH	11	1,773	53.0879
1115	1512	SR	14	794	53.0186
1116	1005	FT	04	1,951	52.8886
1117	406	MDY	02	107	52.8581
1118	1539	RE	06	1,321	52.7755
1119	1466	FZ	52	3,901	52.5021
1120	641	SH	07	880	52.2869
1121	911	CV	08	1,859	52.2671
1122	57	GN	10	1,714	52.1608
1123	231	AF	01	2,900	52.0982
1124	1525	ED	08	1,485	52.0675
1125	1591	FP	04	19	51.9084
1126	1301	GP	02	30	51.8693
1127	1201	FL	44	2,543	51.7704
1128	219	CV	10	2,758	51.4540
1129	1400	RO	01	3,290	51.3750
1130	1068	GG	02	2,506	51.3287
1131	349	BH	06	167	51.2341
1132	704	VL	02	807	51.1840
1133	917	GV	04	1,415	51.0843
1134	755	SB	03	1,551	51.0085
1135	636	HL	06	1,105	50.9469
1136	1198	AN	07	2,011	50.8867
1137	707	FL	41	4,785	50.7025
1138	791	TB	46	2,033	50.6313
1139	1269	SP	04	572	50.6268
1140	1181	SH	01	1,410	50.5987
1141	1404	SO	44	1,466	50.4192
1142	163	BR	04	907	50.3548
1143	1098	NB	43	5,121	50.2504
1144	1153	SR	13	1,109	50.1376
1145	NEW	WL	43	1,243	50.0612
1146	867	IM	45	3,392	49.8882
1147	862	PHR	03	1,201	49.3556



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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1148	1188	HA	08	1,594	49.0774
1149	593	GP	08	1,410	49.0509
1150	913	TO	03	414	49.0041
1151	542	QV	07	365	48.5650
1152	170	THW	43	1,906	48.5100
1153	255	MB	05	2,235	48.2698
1154	1272	HA	02	1,678	47.5301
1155	189	MY	10	830	47.2697
1156	1363	WW	01	549	47.1313
1157	990	RS	02	1,794	47.0039
1158	305	WZ	48	1,083	46.8879
1159	559	BA	02	1,278	46.7787
1160	1063	UL	04	1,279	46.7148
1161	1410	FL	49	4,474	46.7079
1162	874	AL	09	1,445	46.6746
1163	996	ST	09	1,123	46.5133
1164	781	AR	43	4,065	46.4871
1165	1010	VL	01	910	46.4258
1166	696	IT	42	84	46.3082
1167	1514	PJ	06	1,131	46.3021
1168	607	FZ	42	5,787	46.0920
1169	316	DN	05	600	45.8679
1170	1458	GR	04	26	45.7931
1171	941	WZ	41	5,205	45.7049
1172	73	TRN	42	38	45.5813
1173	1291	FP	02	12	45.3525
1174	631	KW	44	2,361	45.3467
1175	1310	CV	04	1,377	45.2401
1176	647	FR	48	2,731	45.1432
1177	989	SH	04	2,156	45.1296
1178	1096	EU	11	3,157	44.9774
1179	962	RU	02	1,510	44.8910
1180	928	HG	06	377	44.8716
1181	202	WF	43	443	44.7686
1182	1349	BI	43	3,676	44.7636
1183	1172	CG	08	1,181	44.6641
1184	1342	CYF	47	4,386	44.5650
1185	659	CC	02	1,609	44.4233
1186	NEW	JOR	46	1,750	44.3079
1187	84	FAN	47	4,480	44.2350
1188	244	BI	07	1,137	44.2126
1189	748	FRY	47	3,095	44.0846
1190	1155	AM	08	1,500	43.6487
1191	1308	DN	12	680	43.5480
1192	1609	IND	04	12	43.4917
1193	1071	EC	06	594	43.4511
1194	92	FP	06	652	43.3758
1195	1377	JP	01	30	43.2607

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1196	775	FZ	54	6,652	43.2299
1197	1066	OA	02	604	43.2186
1198	754	MAR	48	2,942	43.0065
1199	1238	PA	07	1,401	42.8410
1200	508	WE	02	723	42.5588
1201	428	KL	42	3,345	42.5018
1202	1413	FL	45	4,048	42.4561
1203	142	HB	43	41	42.1993
1204	931	PI	44	4,207	42.1898
1205	572	DH	01	3,108	42.1339
1206	950	RO	44	490	41.9652
1207	104	STW	04	924	41.9577
1208	1562	GN	11	1,053	41.9458
1209	133	SIE	43	3,007	41.8636
1210	1191	GA	02	1,924	41.7512
1211	1138	NS	08	1,404	41.5031
1212	865	SH	06	1,083	41.4933
1213	229	GZ	45	5,907	41.4509
1214	200	GT	05	2,022	41.4500
1215	523	BY	04	1,170	41.2992
1216	1501	WT	11	349	41.2870
1217	983	KB	06	1,294	41.2778
1218	447	LIM	46	283	40.9940
1219	172	SF	48	1,342	40.9207
1220	1016	PE	02	1,512	40.6817
1221	224	JOR	43	1,221	40.6697
1222	402	SPW	50	4,196	40.6191
1223	918	PW	06	2,444	40.5996
1224	271	SF	41	548	40.5520
1225	506	LU	01	728	40.5422
1226	827	PZ	44	5,125	40.4798
1227	1305	CK	01	1,294	40.4537
1228	NEW	BM	10	1,369	40.4028
1229	1184	EL	06	316	40.2624
1230	NEW	SDY	06	280	40.2598
1231	1278	CK	04	1,353	40.2209
1232	1058	BA	41	4,294	40.2067
1233	1578	PJ	05	694	40.1357
1234	1064	TE	05	1,652	39.9635
1235	281	AM	05	2,215	39.9063
1236	1094	WR	14	283	39.8977
1237	1497	CYF	45	3,091	39.7282
1238	1387	HA	12	1,395	39.6561
1239	1162	MDY	01	2,388	39.5989
1240	1464	BZ	07	315	39.4637
1241	1166	BH	04	597	39.4011
1242	714	SH	08	1,470	39.3656
1243	308	QV	01	1,435	39.2011

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1244	1265	FD	16	1,234	39.1989
1245	1444	WD	45	593	39.1898
1246	NEW	BM	09	21	38.7743
1247	1233	HY	07	982	38.6008
1248	994	CD	12	1,368	38.5665
1249	1468	ST	15	808	38.3192
1250	779	CV	11	921	38.2483
1251	1459	GP	03	66	38.1968
1252	1040	WEB	10	560	38.1611
1253	1633	TRN	02	27	38.1293
1254	268	MB	09	744	37.9569
1255	438	EU	05	1,541	37.8887
1256	212	WF	49	5,118	37.6833
1257	519	FT	03	859	37.6525
1258	486	WZ	45	3,908	37.3996
1259	1169	HL	08	928	37.1871
1260	1012	OA	03	45	37.1451
1261	975	KDL	44	2,051	37.0908
1262	166	OA	06	1,434	37.0712
1263	815	PE	06	1,479	37.0502
1264	660	GA	07	795	37.0219
1265	1244	TB	03	967	36.9512
1266	379	CL	07	997	36.9457
1267	478	WEB	04	1,333	36.8679
1268	545	HM	04	986	36.7977
1269	169	LA	03	1,624	36.6665
1270	193	IR	06	1,512	36.4941
1271	952	KB	01	1,358	36.4491
1272	769	BW	01	51	36.4116
1273	1446	FT	11	1,455	36.3045
1274	329	TO	02	801	36.2084
1275	1069	CYF	46	3,321	36.2062
1276	226	GE	45	3,713	36.1092
1277	1550	ED	03	1,549	35.8921
1278	1360	HT	09	548	35.8036
1279	1014	IT	41	36	35.7658
1280	635	DV	11	1,099	35.7224
1281	272	TV	03	1,461	35.6415
1282	1304	WEB	07	123	35.6354
1283	1315	JP	03	37	35.3986
1284	NEW	SDY	05	34	35.0597
1285	869	TO	07	1,433	34.9222
1286	977	JN	02	1,436	34.7947
1287	832	BR	11	906	34.7653
1288	1488	QV	10	842	34.5603
1289	1176	SR	16	86	34.5256
1290	1406	KG	43	4,571	34.4851
1291	826	LK	10	1,709	34.3624

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1292	1044	SPW	41	2,054	34.3192
1293	22	FT	09	2,076	34.3138
1294	16	BI	03	853	34.2879
1295	299	KM	02	1,488	34.2812
1296	1391	CYF	42	3,468	34.2415
1297	870	RED	05	1,720	34.2343
1298	551	GV	07	566	34.2333
1299	1484	HNY	01	753	34.2311
1300	1329	HP	01	919	34.1837
1301	1091	UW	02	1,544	34.1235
1302	498	KL	43	2,690	34.0830
1303	1163	CYF	43	2,100	33.9568
1304	1389	VCR	44	5,824	33.8514
1305	695	HE	15	1,887	33.8358
1306	1507	EC	10	391	33.7887
1307	1383	BG	06	1,645	33.6098
1308	119	THW	41	4,272	33.4680
1309	405	KB	21	1,213	33.4127
1310	1207	OB	48	5,731	33.3206
1311	1143	LP	02	388	33.2840
1312	537	ES	07	345	33.1872
1313	973	HM	03	1,435	33.1391
1314	1324	CE	05	2,222	33.0156
1315	385	FW	05	160	32.8867
1316	1195	HY	05	1,484	32.8775
1317	1194	WF	45	1,319	32.7448
1318	1494	ADK	41	131	32.6688
1319	1017	IR	05	2,126	32.5156
1320	147	NM	04	1,185	32.4351
1321	682	HE	11	1,759	32.3782
1322	1306	TRN	04	909	32.3216
1323	333	CG	06	926	32.2560
1324	327	GS	20	215	32.1553
1325	820	EU	03	2,370	32.1411
1326	94	CL	01	131	32.0852
1327	1354	HNY	07	253	32.0402
1328	1421	SO	43	4,886	31.8544
1329	1230	KT	44	4,736	31.4910
1330	357	LW	47	1,249	31.3730
1331	1274	DH	06	1,126	31.3626
1332	1490	BAR	48	4,942	31.3465
1333	1322	MB	08	312	31.2610
1334	275	HL	01	305	31.1493
1335	1431	GE	44	4,293	31.0980
1336	1556	BG	09	264	31.0363
1337	823	ME	03	940	30.8723
1338	828	CG	01	457	30.8431
1339	1286	MAR	45	3,179	30.7608

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1340	1417	RS	03	992	30.6034
1341	936	RE	09	952	30.5191
1342	833	GL	08	1,088	30.5133
1343	1381	EL	04	764	30.3921
1344	65	DL	47	1,334	30.0425
1345	1356	PJ	03	1,572	30.0080
1346	1339	WE	03	155	29.9117
1347	NEW	AM	01	836	29.5557
1348	324	JN	07	1,679	29.5555
1349	873	GS	14	15	29.3440
1350	1434	GAR	08	269	29.1840
1351	1218	TRN	05	1,003	29.1756
1352	1325	HG	03	90	29.0751
1353	1526	KM	07	1,822	28.9904
1354	540	HE	14	1,683	28.9503
1355	1307	FZ	53	3,448	28.9488
1356	1122	HK	46	3,871	28.9449
1357	626	JP	07	542	28.9380
1358	1047	SO	45	4,071	28.9360
1359	13	FRY	46	3,775	28.8658
1360	1154	OB	49	5,474	28.6905
1361	1160	BT	06	449	28.6692
1362	1219	CD	01	1,289	28.5538
1363	1182	DE	05	1,371	28.4826
1364	939	MY	02	1,305	28.4687
1365	1216	PW	03	635	28.3464
1366	394	FD	12	1,964	28.3114
1367	353	RS	01	849	28.2470
1368	1457	BZ	04	318	28.1899
1369	401	DE	02	984	28.1292
1370	926	SC	02	12	28.0875
1371	1545	AI	09	61	28.0152
1372	1443	BG	03	461	27.9793
1373	772	AR	47	1,616	27.7928
1374	1542	FRY	44	1,449	27.6022
1375	698	WW	03	1,686	27.5656
1376	373	OB	43	5,264	27.3791
1377	359	HK	42	3,972	27.3135
1378	175	BL	05	1,755	27.2873
1379	398	QV	06	1,137	27.1492
1380	1474	CG	05	1,711	27.1184
1381	1050	CA	03	1,653	27.0822
1382	248	STF	42	2,420	27.0043
1383	1240	OB	42	2,885	26.9038
1384	1330	ME	07	566	26.7567
1385	217	QV	09	1,079	26.7514
1386	1255	BM	06	1,456	26.6952
1387	693	WEB	09	711	26.4976

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1388	207	HNY	06	891	26.4897
1389	423	JN	01	1,515	26.4835
1390	556	BU	03	32	26.3781
1391	807	STF	44	280	26.3315
1392	1107	LP	04	685	26.3188
1393	949	EC	12	770	26.2661
1394	916	UW	07	1,717	26.2473
1395	1534	GN	12	453	26.0740
1396	1247	KM	01	1,494	26.0679
1397	582	DL	42	1,736	26.0612
1398	544	CG	03	482	26.0260
1399	1320	MY	03	1,532	25.8713
1400	1549	ADK	47	462	25.7841
1401	214	SCW	01	1,945	25.6937
1402	1518	WF	44	4,889	25.5593
1403	604	SP	07	1,887	25.5361
1404	1042	HE	03	1,632	25.5295
1405	804	LP	05	1,887	25.4492
1406	408	STF	02	427	25.4288
1407	1287	CR	05	1,047	25.4209
1408	1375	FRK	46	393	25.3430
1409	1225	WI	43	4,532	25.0779
1410	448	STF	08	198	25.0672
1411	1461	VVW	05	3,036	24.8746
1412	1364	KT	47	1,223	24.8691
1413	1215	UW	04	722	24.6835
1414	1478	HNY	03	1,094	24.5939
1415	632	RS	04	1,982	24.5931
1416	543	SB	07	1,694	24.4145
1417	1548	KG	47	79	24.2323
1418	744	BI	06	1,492	24.1648
1419	1258	TV	05	83	24.1449
1420	287	IM	41	1,626	24.1183
1421	1541	KN	05	2,024	24.0964
1422	1378	DN	10	1,408	24.0930
1423	979	PE	01	1,339	24.0284
1424	961	SF	01	640	23.8841
1425	184	LIM	44	2,649	23.8736
1426	943	ADK	46	28	23.7418
1427	1392	HM	08	928	23.7331
1428	590	BA	03	1,140	23.7282
1429	1437	WD	48	1,545	23.2920
1430	1092	WI	04	2,386	23.2287
1431	888	CRB	45	2,779	23.0743
1432	809	TB	49	4,449	23.0604
1433	403	HY	06	2,555	22.5480
1434	929	SIE	42	2,634	22.5362
1435	1580	BI	47	690	22.3117

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1436	1105	VCR	42	5,269	22.2046
1437	1701	GS	30	237	22.0003
1438	1235	BI	05	670	21.8594
1439	1429	GT	10	587	21.8356
1440	208	FW	06	1,348	21.7923
1441	190	WF	47	2,363	21.7894
1442	1234	SH	09	1,738	21.2823
1443	1463	HT	04	477	20.6873
1444	1249	BC	08	2,042	20.5943
1445	992	CD	04	1,009	20.4037
1446	1358	MID	02	1,457	20.3899
1447	1078	CB	03	854	20.1182
1448	1435	OB	44	4,126	20.1126
1449	531	UL	14	868	20.0105
1450	1453	LK	03	1,131	19.9513
1451	1451	BT	03	1,529	19.9184
1452	1043	ED	02	1,506	19.8734
1453	837	EL	08	504	19.8522
1454	1407	BZ	02	718	19.8342
1455	959	DV	09	2,361	19.6677
1456	1174	PO	05	1,188	19.6261
1457	1150	WT	09	359	19.4928
1458	646	FD	02	2,517	19.4872
1459	1521	HY	04	1,813	19.3028
1460	1454	BG	05	350	19.2013
1461	1530	FZ	48	2,805	19.0855
1462	876	SP	11	2,019	18.8272
1463	1385	RE	08	851	18.8223
1464	665	FD	15	762	18.8167
1465	1180	EL	09	1,626	18.6498
1466	1317	MY	08	1,349	18.4834
1467	124	SF	07	18	18.4511
1468	1334	SO	48	3,700	18.1798
1469	127	AM	07	104	18.1606
1470	320	JP	04	27	18.1500
1471	944	DN	09	179	18.0920
1472	718	SF	14	670	17.9099
1473	591	WI	45	2,945	17.9053
1474	1388	FD	05	1,539	17.8339
1475	733	SH	03	2,280	17.7829
1476	1396	LP	03	304	17.7573
1477	648	CD	11	1,639	17.6363
1478	1442	EU	10	815	17.5369
1479	904	GT	06	594	17.4297
1480	1284	KM	05	1,022	17.2962
1481	391	HG	05	288	17.2893
1482	580	SH	05	1,722	17.1345
1483	1338	TV	01	981	16.9736

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1484	1510	HP	08	879	16.8629
1485	1116	SR	09	887	16.7989
1486	129	VCR	43	3,585	16.7135
1487	250	FRY	48	2,473	16.6844
1488	1254	JP	08	458	16.6725
1489	158	WE	04	31	16.5723
1490	1469	BL	07	2,470	16.1619
1491	685	WW	06	1,457	15.9944
1492	1074	STF	43	2,168	15.9514
1493	1481	EU	08	561	15.7479
1494	897	FW	04	1,652	15.6873
1495	1204	PO	06	1,757	15.4370
1496	1273	MC	08	332	15.2437
1497	1370	BW	10	51	15.1480
1498	165	CA	05	512	14.7355
1499	1493	UV	03	1,091	14.6382
1500	1279	QV	05	1,333	14.4057
1501	835	KDL	47	1,951	14.3999
1502	706	FW	07	669	14.3662
1503	1034	IM	42	2,096	14.2235
1504	1428	MY	11	1,139	14.1739
1505	1559	HNY	04	562	14.1559
1506	109	EL	02	49	14.0927
1507	1470	BM	02	48	13.8173
1508	1610	JP	05	21	13.6976
1509	1618	PK	05	316	13.5696
1510	1126	BR	14	544	13.5030
1511	1450	GAR	01	939	13.2929
1512	1571	BM	08	1,072	13.0883
1513	1411	KB	05	1,443	13.0054
1514	1222	HE	10	1,692	12.9651
1515	1080	OB	45	2,990	12.7917
1516	886	SR	05	600	12.7568
1517	1553	MC	07	640	12.6921
1518	1441	BH	05	603	12.1593
1519	1473	CYF	48	5,352	12.1182
1520	670	WO	08	596	12.0462
1521	1062	HY	02	1,715	11.9983
1522	1551	PJ	01	416	11.7915
1523	1056	ME	09	2,269	11.7251
1524	4	AI	05	74	11.5228
1525	1519	ED	01	1,472	11.5179
1526	477	LY	46	223	11.3687
1527	1538	PK	42	15	11.3353
1528	1425	JN	10	2,314	10.7872
1529	1398	OB	47	5,319	10.5428
1530	1248	HA	06	1,008	10.5187
1531	790	HT	06	1,964	10.4562



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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1532	101	LIM	41	44	10.4007
1533	1483	ADK	42	1,100	10.3745
1534	1041	WEB	05	521	10.1214
1535	1570	MB	03	1,356	10.0926
1536	NEW	GE	50	4,701	10.0488
1537	1164	ME	04	660	9.8597
1538	1337	FT	01	40	9.7055
1539	1271	GE	48	3,471	9.6844
1540	1362	DN	11	2,140	9.6337
1541	439	JOR	44	222	9.5986
1542	1552	CK	05	987	9.5284
1543	1513	UV	04	1,610	9.4338
1544	NEW	AM	10	1,458	9.3019
1545	1533	IND	06	13	9.2785
1546	1332	HP	07	2,315	9.0916
1547	1102	RE	43	4,175	9.0802
1548	1476	WT	10	339	8.9306
1549	627	FRY	45	3,363	8.8111
1550	569	RS	06	51	8.8018
1551	1186	TE	02	368	8.7161
1552	1372	KB	11	757	8.6771
1553	347	BM	05	403	8.5140
1554	113	EU	01	570	8.1939
1555	1560	WE	07	33	8.1830
1556	1576	JN	06	2,526	8.1590
1557	1131	SH	02	1,430	8.0765
1558	1573	FAN	48	1,308	7.9563
1559	1412	WEB	11	1,101	7.8621
1560	1496	GAR	04	153	7.8473
1561	59	LY	45	1,952	7.7490
1562	1544	GR	01	26	7.6892
1563	1433	WF	03	1,158	7.5566
1564	534	FT	06	619	7.1647
1565	1605	GT	02	24	7.1400
1566	1369	PZ	45	2,237	7.1082
1567	788	HT	01	2,875	6.9132
1568	1228	MY	04	1,784	6.8007
1569	1460	EL	10	853	6.7202
1570	1531	KM	03	132	6.5923
1571	1316	HA	10	486	6.5257
1572	1546	TB	02	730	6.1181
1573	1351	WI	41	3,898	5.8712
1574	313	MC	05	131	5.7808
1575	934	GZ	47	1,072	5.7415
1576	1524	BI	01	359	5.7071
1577	878	WO	06	1,219	5.6621
1578	177	LP	07	453	5.5406
1579	1151	WD	41	407	5.4186

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2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1580	1623	PK	48	15	5.3647
1581	1223	JOR	42	53	5.0672
1582	1405	GAR	05	1,669	5.0588
1583	1527	KN	07	47	4.9840
1584	1052	MC	03	819	4.8868
1585	1449	SC	03	55	4.8473
1586	1302	CRB	48	4,692	4.6812
1587	1492	HNY	02	1,010	4.2237
1588	849	HP	03	501	4.2186
1589	1563	GZ	48	157	4.1172
1590	1297	EU	04	961	4.0672
1591	1303	UV	01	1,169	4.0039
1592	1523	HE	12	1,210	3.8995
1593	1414	GAR	02	561	3.8717
1594	1572	WD	47	400	3.7136
1595	1502	HE	13	2,383	3.5795
1596	1561	GAR	03	844	3.5080
1597	1627	SF	08	77	3.5010
1598	NEW	WO	15	475	3.4125
1599	1508	ED	07	1,070	3.1289
1600	291	BT	02	1,471	3.0798
1601	1090	GAR	06	991	3.0719
1602	337	RE	41	1,242	2.8281
1603	1567	MY	12	1,272	2.6733
1604	18	ME	06	1,140	2.5344
1605	1475	SCW	02	565	2.5254
1606	1479	WI	03	334	2.4544
1607	998	SR	06	953	2.4201
1608	554	DV	04	1,077	2.3726
1609	467	EC	01	247	2.3487
1610	1455	CR	07	1,219	2.2500
1611	1402	MY	01	961	2.1326
1612	914	HT	08	957	2.0828
1613	676	SDY	04	103	1.8882
1614	1486	EU	06	764	1.7891
1615	1656	DT	28	39	1.5800
1616	1568	FAN	45	244	1.5750
1617	1614	MID	05	362	1.1591
1618	822	PJ	07	250	1.1347
1619	126	SR	07	80	1.0984
1620	1485	WO	10	631	1.0147
1621	1517	KB	19	1,232	0.9978
1622	1632	SR	04	124	0.7264
1623	1555	GL	10	952	0.5301
1624	1630	SPW	61	653	0.4362
1625	1574	PK	43	440	0.3895
1626	1579	GS	02	60	0.2900
1627	1142	KB	15	305	0.2330

## Service Quality Report to the Public Utility Commission of Texas

### CenterPoint Energy

2021 SAIDI Ranking	2020 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2021 SAIDI Value
1628	1596	GN	43	386	0.2266
1629	1505	ED	05	1,046	0.2195
1630	1635	UL	42	608	0.1335
1631	1418	FRK	42	995	0.1292
1632	1252	GS	25	437	0.0219
1633	1582	BR	06	13	0.0000
1634	1643	BW	02	18	0.0000
1635	1335	BW	08	14	0.0000
1636	1584	DT	19	343	0.0000
1637	1585	DT	23	19	0.0000
1638	1586	DT	24	12	0.0000
1639	1588	DT	34	17	0.0000
1640	1662	DT	36	16	0.0000
1641	1590	DT	38	13	0.0000
1642	1168	FRK	47	335	0.0000
1643	1593	GG	05	22	0.0000
1644	1594	GG	08	14	0.0000
1645	1595	GL	13	65	0.0000
1646	1597	GN	46	16	0.0000
1647	671	GN	48	13	0.0000
1648	1598	GN	51	18	0.0000
1649	1599	GR	03	19	0.0000
1650	1600	GS	07	288	0.0000
1651	1601	GS	09	89	0.0000
1652	1602	GS	21	18	0.0000
1653	141	GS	26	107	0.0000
1654	1532	IND	01	14	0.0000
1655	1608	IND	03	18	0.0000
1656	8	IT	01	41	0.0000
1657	NEW	JOR	45	11	0.0000
1658	1612	KB	13	14	0.0000
1659	1714	KB	14	16	0.0000
1660	1715	KB	16	12	0.0000
1661	1613	ME	08	29	0.0000
1662	1721	MP	09	15	0.0000
1663	1615	PK	01	488	0.0000
1664	1616	PK	02	12	0.0000
1665	1730	PK	41	10	0.0000
1666	1619	PK	44	661	0.0000
1667	1621	PK	46	354	0.0000
1668	1622	PK	47	84	0.0000
1669	243	PK	49	18	0.0000
1670	71	PK	50	16	0.0000
1671	1624	PZ	47	281	0.0000
1672	61	RED	04	11	0.0000
1673	1625	SC	01	24	0.0000
1674	1628	SF	09	27	0.0000
1675	1629	SF	10	27	0.0000

Service Quality Report to the Public Utility Commission of Texas

**CenterPoint Energy**

<b>2021 SAIDI Ranking</b>	<b>2020 SAIDI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2021 SAIDI Value</b>
1676	1631	SPW	64	141	0.0000
1677	1379	WE	05	17	0.0000

Service Quality Report to the Public Utility Commission of Texas

**CenterPoint Energy**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2021 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	15.50%
Vegetation	13.89%
Animals and Birds	6.76%
People (Including cars and farm equip)	1.25%
Utility-owned Equipment	25.02%
Other	19.54%
Unknown	18.04%

**Addendum to Service Quality Report for the 2021 Reporting Year**

CenterPoint Energy Houston Electric, LLC (CenterPoint Houston) submits this Addendum to its Service Quality Report for the 2021 Reporting Year pursuant to the Order issued by the Commission in PUC Docket No. 51972. The purpose of this Addendum is to provide information regarding actions taken by CenterPoint Houston to address weather-related outages, vegetation management issues, feeder inspections, pole inspections, infrared inspections, recurring outage inspection, cable life extension program, meter maintenance program, on the spot field inspections, grid modernization projects, and other measures taken to address system reliability. Additionally, this Addendum will address CenterPoint Houston’s utility-owned repair and replacement program and the specific steps taken by CenterPoint Houston to reduce the number of outages caused by utility-owned equipment. Note that in 2021, despite the significant efforts discussed below to improve reliability, the Houston area again experienced several large storms which did not meet the major event threshold, thus sending our system SAIDI over the PUC standard.

The table below summarizes the causes of CenterPoint Houston’s interruptions for the 2021 reporting year.

<b>Cause of Forced Interruptions</b>	<b>% of 2021 Forced Interruptions</b>
Weather (including lightning)	15.50%
Vegetation	13.89%
Animals and Birds	6.76%
People (including cars and farm equipment)	1.25%
Utility-owned Equipment	25.02%
Other Equipment	6.41%
Overhead Secondary/Drop Clamp on Hot Leg	6.09%
Burned Up Disconnect or Barrel	3.22%
Overhead Secondary/Drop Clamp on Neutral	2.87%
Meter Equipment	1.42%
Lightning Arrester	1.40%
URD Transformer Secondary Buss	1.02%
Miscellaneous	2.59%
Other	19.54%
Circuit Level <sup>1</sup>	0.13%

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<sup>1</sup> All or part of the circuit backbone goes out.

Transformer Level <sup>2</sup>	5.63%
Fuse Level <sup>3</sup>	3.29%
Local Level <sup>4</sup>	6.42%
Miscellaneous	4.07%
Unknown	18.04%

With regard to weather, the table below summarizes the storms that affected CenterPoint Houston’s systemwide SAIDI:

	Storm Trouble Level	Number of Storms	Average SAIDI (all causes)	Average SAIDI (forced only)
<b>2021</b>	3	9	1.13	1.04
	4	5	1.55	1.44
	5	3	1.91	1.84
	6	5	4.25	4.16
	7	1	10.5	10.42
	8	3	729.55	0

For the 2021 reporting year, CenterPoint Houston did not have major storm events that affected more than 7% but less than 10% of total customers. CenterPoint Houston experienced the following three major events that affected more than 10% of total customers: Winter Storm Uri (began on February 14, 2021); Hurricane Nicholas (began on September 13, 2021); and a wind storm (began on October 28, 2021).

Reliability Enhancement Expenditures in 2021

The table below summarizes the amounts spent by CenterPoint Houston in 2020 and 2021 to enhance reliability.

	2020	2021
<b>Reliability/System Improvements Total</b>	<b>\$86.6mm</b>	<b>\$163.3 mm</b>
Distribution Pole Replacements/Bracing	15.8	31.9

<sup>2</sup> A transformer or secondary fails.

<sup>3</sup> All or part of the service behind a line fuse goes out.

<sup>4</sup> Single customer outage.

Distribution Reliability	14.2	35.1
IGSD Installation	1.1	4.0
Major Underground Rehabilitation	14.7	25.7
Streetlight Maintenance	13.7	17.1
Distribution Corrective Maintenance	27.1	49.5

\*Distribution Corrective Maintenance for 2021 includes Hurricane Nicholas response

### Reliability Enhancement Efforts in 2021

In 2021, CenterPoint Houston took the following actions to enhance systemwide reliability:

- 33 distribution circuits were added to the distribution system.
- Approximately \$84.6 million was spent on enhancing distribution reliability, including \$49.5 million on corrective maintenance.
- Approximately \$29.99 million was spent on vegetation management (proactive and reactive). Proactive vegetation management was conducted on approximately 3,700 miles of distribution circuits, with the worst performing feeders given priority.
- 58 intelligent grid switching devices (IGSDs) were installed on CenterPoint Houston’s distribution system. IGSDs facilitate faster outage restoration by enabling distribution controllers to better localize and isolate faults. Approximately \$4 million was spent on the installation of IGSDs.
- 117,000+ poles were inspected across 426 circuits. 4,100+ poles were replaced across 808 circuits. Approximately \$32 million was spent on distribution pole issues.
- Infra-red inspections were conducted on 97 distribution circuits.
- 440 laterals that had recurring outages were inspected.
- CenterPoint Houston spent \$7 million (not including operations and maintenance expense such as labor and overhead) to replace damaged or failed meters.
- On any given day, CenterPoint Houston has hundreds of personnel out in the field. CenterPoint Houston’s personnel observe the condition of CenterPoint Houston’s distribution system and report any unusual problems that are identified.
- Four transmission system hardening projects were completed.

### Action Plans Conducted in 2021

Each year, CenterPoint Houston reviews the prior year’s circuit SAIDI and SAIFI values



and creates action plans for the distribution circuits that are in the bottom 10% and for the distribution circuits that are 300% greater than the system average. CenterPoint Houston also reviews these metrics monthly and initiates the action plan process proactively if the circuit is likely to be a 10% or 300% circuit. These action plans include inspections of the circuits, and action plans are completed within 120 days. In 2021, CenterPoint Houston created and completed 327 action plans. The action plans were completed within 120 days of their respective start date and included replacing equipment, tree trimming, and straightening poles. For the distribution circuits with the most severe SAIDI and SAIFI values, CenterPoint Houston uses outage causes, outage location, outage frequency, customer outage minutes, and the results of a field inspection to develop an action plan that includes a number of possible recommendations to address the root cause of the outages. The recommendations might include a protective coordination study, an infra-red inspection, enhanced lightning protection, reconfiguration to avoid vehicle collisions, reconfiguration of line fuses, tree trimming, and installation or relocation of automated devices. In 2021, CenterPoint Houston spent \$6.34 million on 386 specific work orders associated with the action plans in response to the circuit SAIDI or SAIFI values.

#### Automation Efforts in 2021

CenterPoint Houston currently has 1,677 distribution circuits that serve 10 or more customers. CenterPoint Houston has supervisory control and data acquisition (SCADA) at its 213 distribution substations, with distribution breakers at these substations being continuously monitored (i.e., every 4 seconds). In 2021, 58 IGSDs were installed on CenterPoint Houston's distribution system. By the end of 2021, CenterPoint Houston's DSCADA could remotely control 1,649 switching devices, which includes 1,130 IGSDs. Automation has reduced CenterPoint Houston's system-wide SAIDI for all forced outages by 17.46 minutes (or 46.1 million customer minutes of interruption) for the 2021 reporting year; without automation, CenterPoint Houston's system-wide forced SAIDI for the 2021 reporting year would be 153.4 minutes.

#### Cable Life Extension Program in 2021

CenterPoint Houston currently has approximately 18,000 underground residential distribution loops comprising more than 11,000 miles of URD primary cable and associated distribution equipment. CenterPoint Houston has a cable life extension program designed to

extend the life and reliability of cable systems. For the 2021 reporting year, CenterPoint Houston assessed and extended the life of 377 underground residential distribution loops. CenterPoint Houston spent approximately \$9.9 million on the cable life extension program.

#### Utility-Owned Repair and Replacement in 2021

CenterPoint Houston has the following programs in place to reduce the number of outages caused by utility-owned equipment:

- Infra-Red Program. CenterPoint Houston regularly conducts infra-red inspections on major equipment on benchmark distribution circuits, including pole-top switches, reclosers, regulators, and capacitors.<sup>5</sup> Infra-red inspections enable CenterPoint Houston to proactively identify trouble spots and pre-emptively take necessary action before equipment failure. Distribution circuits that are identified as having 4-plus years of being in the bottom 10% SAIDI or SAIFI or being a 300% circuit are prioritized and scheduled for inspection for the current inspection year.

For the 2021 reporting year, CenterPoint Houston spent \$33,950 to conduct infra-red inspections on 97 distribution circuits. Through these inspections, CenterPoint Houston discovered and remediated 74 pending equipment failures before failure occurred.

- Hot Fuse Program. CenterPoint Houston conducts inspections on laterals that have recurring outages.

For the 2021 reporting year, CenterPoint Houston inspected 440 laterals that had recurring outages, at a cost of \$1,587,582.

- Pole Maintenance Program. Each year, CenterPoint Houston inspects approximately 10% of the poles on its distribution system, with inspections being visual and/or manual. Distribution poles that are 7 years or older are automatically excavated and inspected for decay. Distribution poles are treated with a fumigant or preservative, braced, or replaced, depending on the condition of a distribution pole.

For the 2021 reporting year, CenterPoint Houston inspected 117,000 distribution poles, at a cost of \$5,321,704.

CenterPoint Houston believes these programs, in conjunction with the other reliability enhancing measures discussed in this Addendum, reduce the number of outages caused by utility-owned equipment.

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<sup>5</sup> CenterPoint Houston has selected 83 circuits that are representative of its distribution system. These circuits are inspected every two years.

### New Department in 2021

As part of its commitment to provide safe and reliable service and to enhance the resiliency of its distribution system, CenterPoint Houston has created a Distribution Projects and Grid Modernization division whose objective is to focus on infrastructure and resiliency programs. This division is headed by a Vice President, and the division will oversee overhead and underground construction and inspection, vegetation management, and reliability and resiliency efforts.

The following files are not convertible:

Project 52946 - CEHE 2021 Service  
Quality Report.xls

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact [centralrecords@puc.texas.gov](mailto:centralrecords@puc.texas.gov) if you have any questions.