



Control Number: 50413



Item Number: 7

Addendum StartPage: 0

RECEIVED

2020 FEB 14 PM 1:57

PUBLIC UTILITY COMMISSION
FILING CLERK

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

**Oncor Electric Delivery: North Texas Utility
(NTU)/Legacy Sharyland**

Project 50413

Service Quality Report to the Public Utility Commission of Texas

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced 2019	1.43	0.10	0.06	0.13	0.07	0.10	0.14	0.20	0.16	0.07	0.11	0.22	0.08
Scheduled 2019	0.14	0.02	0.02	0.01	0.02	0.00	0.00	0.00	0.04	0.00	0.01	0.01	0.01
Outside Causes 2019	0.33	0.11	0.07	0.01	-	0.08	0.05	-	-	0.01	-	0.00	0.00
Major Events 2019	1.06	0.00	-	0.14	0.22	0.32	0.18	0.08	0.02	-	0.10	-	-

Service Quality Report to the Public Utility Commission of Texas

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced 2019	183.68	12.17	8.03	14.31	12.05	15.14	20.74	22.25	23.22	10.99	17.74	20.66	6.40
Scheduled 2019	9.48	2.26	0.67	0.18	1.79	0.10	0.06	0.15	0.63	0.20	0.49	2.37	0.58
Outside Causes 2019	32.83	2.07	3.75	1.66	-	10.21	11.91	-	-	2.28	-	0.94	0.02
Major Events 2019	171.84	0.54	-	40.01	32.32	46.64	23.18	9.92	1.54	-	17.69	-	-

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

138

Add or Delete Rows as Necessary

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
1	15	LUTHR	2101	124	7.04
2	80	LUTHR	2102	72	5.60
3	25	NADAM	2104	252	5.06
4	115	ESTIL	2101	306	4.99
5	57	LUTHR	2104	257	4.84
6	40	CYOTE	2102	82	4.52
7	127	BROWN	1102	338	4.41
8	16	ESTIL	2103	58	4.40
9	71	CNLRD	2102	175	4.33
10	23	STLWC	2104	330	4.11
11	136	BULDG	1103	882	3.85
12	29	ELAND	2102	135	3.81
13	102	ESTIL	2104	246	3.55
14	13	TRGLE	1106	222	3.06
15	81	GRADY	2101	204	3.03
16	4	CLSTE	2101	1363	2.90
17	55	STLWC	2103	239	2.88
18	42	SMLND	2103	1529	2.67
19	101	SWNDL	2106	967	2.51
20	113	HDCNR	2105	119	2.50
21	64	TELPH	2103	665	2.46
22	78	BROWN	1103	220	2.44
23	61	SMLND	2104	936	2.44
24	109	STFRD	2103	207	2.43
25	6	TELPH	2102	830	2.40
26	30	STFRD	2104	68	2.34
27	95	BULDG	1101	176	2.32
28	88	REBEL	2103	386	2.29
29	19	SLTMN	2104	639	2.25
30	63	TERRY	1101	282	2.17
31	1	LUTHR	2103	46	2.15
32	#N/A	CMPBO	2101	347	2.10
33	59	STILS	2105	198	1.97
34	137	NADAM	2103	267	1.95
35	138	BROWN	1101	116	1.93
36	121	CYOTE	2101	57	1.91

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
37	56	STLWC	2102	247	1.88
38	10	STLWC	2101	430	1.85
39	27	CNLRD	2101	277	1.73
40	34	DRIVR	2101	40	1.60
41	54	RINGO	2103	84	1.55
42	147	TYLOR	1104	10	1.50
43	50	DRIVR	2108	186	1.49
44	82	CNLRD	2103	404	1.43
45	103	CMPSS	2101	143	1.39
46	22	CYOTE	2103	371	1.39
47	33	TRGLE	1101	617	1.39
48	2	YOSME	1101	409	1.39
49	108	ESTIL	2102	212	1.37
50	14	PEGRV	2104	814	1.37
51	91	SWNDL	2105	549	1.34
52	69	STILS	2103	174	1.34
53	118	CNLRD	2104	248	1.27
54	17	BROWN	1105	230	1.27
55	110	ELBOW	2102	239	1.22
56	83	CNLRD	2105	14	1.21
57	89	SLTMN	2101	606	1.20
58	144	ELBOW	2105	304	1.20
59	58	APTRD	2104	30	1.20
60	48	APTRD	2103	711	1.17
61	85	SLRNC	2104	88	1.16
62	114	TERRY	1102	177	1.15
63	142	CMPSS	2102	79	1.14
64	75	SMLND	2105	766	1.13
65	125	ELBOW	2101	296	1.11
66	72	HDCNR	2104	411	1.04
67	106	BROWN	1104	226	0.97
68	5	SMLND	2102	2286	0.97
69	44	REBEL	2106	73	0.95
70	107	CMPBO	2102	1030	0.94
71	90	STFRD	2102	108	0.87
72	86	PEGRV	2102	1044	0.86
73	68	RINGO	2102	120	0.85
74	139	RKYRD	2101	133	0.84
75	31	SLTMN	2102	348	0.84
76	51	PEGRV	2101	1074	0.84

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
77	73	REBEL	2105	202	0.80
78	#N/A	GRNCH	2108	248	0.78
79	66	HEXTS	1102	170	0.75
80	124	GRADY	2106	129	0.75
81	96	YOSME	1104	530	0.75
82	8	CLSTE	2102	1346	0.71
83	146	VMOOR	2103	66	0.68
84	45	SWNDL	2104	1167	0.67
85	105	PEGRV	2106	830	0.66
86	98	VMOOR	2102	303	0.66
87	60	GRADY	2104	155	0.65
88	24	RKYRD	2102	438	0.63
89	32	VMOOR	2101	44	0.61
90	28	APTRD	2102	185	0.59
91	35	TRGLE	1103	210	0.58
92	119	BLUEA	2102	188	0.58
93	116	STILS	2104	400	0.58
94	93	RCHSP	1101	577	0.56
95	37	TCITY	2104	2264	0.54
96	149	TYLOR	1101	13	0.54
97	39	CYOTE	2105	350	0.51
98	130	DUTTN	1104	342	0.49
99	117	BLUEA	2106	172	0.48
100	77	SLTMN	2103	483	0.48
101	76	BFFLO	2101	366	0.47
102	94	DUTTN	1101	758	0.47
103	18	RCHSP	1102	380	0.44
104	132	MELVN	1101	116	0.42
105	26	RCHSP	1103	535	0.42
106	112	TELPH	2104	98	0.41
107	104	EDENS	1101	488	0.39
108	123	PEGRV	2103	326	0.36
109	100	HDCNR	2103	182	0.35
110	46	BFFLO	2104	113	0.29
111	122	TRGLE	1102	83	0.29
112	131	HEXTS	1101	262	0.28
113	49	STILS	2101	192	0.28
114	20	DUTTN	1103	299	0.26
115	134	YOSME	1103	424	0.25
116	128	CRTRV	2105	70	0.24

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

2019 SAIFI Ranking	2018 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIFI Value
117	99	RINGO	2104	58	0.24
118	62	GRADY	2105	90	0.21
119	129	ELAND	2104	86	0.20
120	92	ELAND	2101	240	0.20
121	38	RINGO	2101	102	0.19
122	65	STLWC	2105	460	0.18
123	79	CRTRV	2106	56	0.18
124	111	CYOTE	2104	279	0.16
125	145	SLRNC	2105	181	0.16
126	3	TELPH	2101	385	0.16
127	74	VMOOR	2104	154	0.16
128	126	BFFLO	2103	256	0.14
129	141	DUTTN	1102	394	0.12
130	97	GRADY	2102	163	0.12
131	36	TCITY	2105	1216	0.09
132	43	RKYRD	2103	123	0.08
133	133	BFFLO	2102	56	0.07
134	140	REBEL	2101	28	0.07
135	52	SLRNC	2103	61	0.05
136	148	TRGLE	1104	80	0.03
137	#N/A	TCITY	2103	243	-
138	47	TCITY	2102	466	-

* 2018's customer count was used due to feeder reconfiguration.

YOSME1103

CMPBO2102

BROWN1103

STFRD2104

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

138

Add or Delete Rows as Necessary

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
1	44	CYOTE	2102	82	1,314.78
2	51	CNLRD	2102	175	1,175.99
3	91	ESTIL	2104	246	933.51
4	41	LUTHR	2101	124	828.53
5	22	NADAM	2104	252	586.02
6	47	ESTIL	2103	58	544.33
7	84	SMLND	2104	936	492.59
8	116	BULDG	1101	176	489.77
9	35	STILS	2105	198	486.73
10	105	ESTIL	2101	306	483.75
11	68	LUTHR	2104	257	478.25
12	3	DRIVR	2101	40	436.99
13	55	TERRY	1101	282	428.70
14	54	ELAND	2102	135	421.90
15	134	RKYRD	2101	133	400.72
16	79	STLWC	2103	239	386.86
17	11	STLWC	2104	330	384.18
18	95	HDCNR	2105	119	370.55
19	107	CYOTE	2101	57	337.96
20	73	CNLRD	2103	404	330.41
21	89	LUTHR	2102	72	325.82
22	37	CNLRD	2101	277	316.82
23	17	SLTMN	2104	639	316.43
24	123	BROWN	1102	338	314.81
25	24	TRGLE	1106	222	308.01
26	1	LUTHR	2103	46	297.13
27	21	TELPH	2102	830	289.19
28	108	CNLRD	2104	248	289.06
29	39	HDCNR	2104	411	281.48
30	#N/A	CMPBO	2101	347	280.97
31	29	SMLND	2103	1529	274.37
32	81	CMPBO	2102	1030	272.05
33	10	DRIVR	2108	186	267.83
34	53	STFRD	2104	68	267.40
35	83	REBEL	2103	386	264.35
36	88	TELPH	2103	665	263.22

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
37	125	BULDG	1103	882	255.55
38	8	CLSTE	2101	1363	252.28
39	114	STFRD	2103	207	248.45
40	146	TYLOR	1104	10	247.97
41	111	TERRY	1102	177	245.97
42	14	RINGO	2102	120	245.09
43	64	RINGO	2103	84	238.68
44	85	STFRD	2102	108	237.76
45	4	YOSME	1101	409	227.46
46	104	SWNDL	2106	967	227.39
47	139	NADAM	2103	267	223.39
48	70	BROWN	1103	220	215.93
49	100	GRADY	2104	155	212.04
50	48	STLWC	2101	430	209.51
51	117	GRADY	2106	129	208.15
52	121	BLUEA	2102	188	204.69
53	103	GRADY	2101	204	195.06
54	25	APTRD	2104	30	188.73
55	23	APTRD	2103	711	186.70
56	92	CNLRD	2105	14	185.66
57	110	ESTIL	2102	212	184.31
58	6	RKYRD	2102	438	177.51
59	13	SLTMN	2102	348	176.50
60	19	BROWN	1105	230	175.69
61	28	RCHSP	1102	380	172.82
62	115	YOSME	1104	530	157.60
63	63	PEGRV	2104	814	145.05
64	119	CMPSS	2101	143	136.38
65	80	TELPH	2104	98	127.71
66	27	CYOTE	2103	371	127.36
67	97	TRGLE	1101	617	127.06
68	130	BROWN	1104	226	125.24
69	72	STLWC	2102	247	121.50
70	38	APTRD	2102	185	120.38
71	90	SWNDL	2105	549	117.94
72	66	SLTMN	2101	606	115.18
73	34	REBEL	2105	202	114.57
74	78	PEGRV	2106	830	113.76
75	93	VMOOR	2102	303	105.15
76	12	CLSTE	2102	1346	103.77

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
77	16	SMLND	2102	2286	102.45
78	122	YOSME	1103	424	99.38
79	77	STILS	2104	400	93.90
80	40	REBEL	2106	73	92.04
81	59	TRGLE	1103	210	89.78
82	131	ELBOW	2102	239	87.74
83	118	PEGRV	2102	1044	85.69
84	144	CMPSS	2102	79	84.02
85	42	SWNDL	2104	1167	83.78
86	71	HEXTS	1102	170	81.32
87	61	PEGRV	2101	1074	76.82
88	124	BLUEA	2106	172	76.47
89	101	HDCNR	2103	182	74.34
90	133	BROWN	1101	116	73.54
91	137	ELBOW	2105	304	73.52
92	45	SLRNC	2104	88	70.19
93	87	RCHSP	1101	577	69.96
94	56	SMLND	2105	766	68.68
95	18	VMOOR	2101	44	68.54
96	26	DUTTN	1103	299	67.26
97	112	DUTTN	1101	758	64.05
98	60	CYOTE	2105	350	63.90
99	136	MELVN	1101	116	63.69
100	129	ELBOW	2101	296	63.39
101	67	SLTMN	2103	483	61.43
102	32	STILS	2101	192	61.02
103	65	RINGO	2104	58	60.85
104	113	PEGRV	2103	326	60.21
105	49	STILS	2103	174	59.42
106	142	VMOOR	2103	66	56.29
107	145	DUTTN	1102	394	54.46
108	99	EDENS	1101	488	53.62
109	109	CRTRV	2105	70	51.59
110	#N/A	GRNCH	2108	248	50.38
111	69	BFFLO	2101	366	50.35
112	20	RCHSP	1103	535	46.09
113	76	GRADY	2105	90	43.98
114	127	HEXTS	1101	262	43.44
115	75	TCITY	2104	2264	42.03
116	5	TELPH	2101	385	41.71

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

2019 SAIDI Ranking	2018 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2019 SAIDI Value
117	9	RINGO	2101	102	37.85
118	52	STLWC	2105	460	37.16
119	58	BFFLO	2104	113	36.81
120	140	TRGLE	1102	83	34.11
121	96	ELAND	2101	240	32.71
122	57	TCITY	2105	1216	30.14
123	143	DUTTN	1104	342	27.11
124	135	BFFLO	2103	256	26.94
125	33	VMOOR	2104	154	25.47
126	126	ELAND	2104	86	24.74
127	82	CRTRV	2106	56	24.33
128	120	CYOTE	2104	279	21.40
129	149	TYLOR	1101	13	19.14
130	98	GRADY	2102	163	18.00
131	147	SLRNC	2105	181	13.27
132	132	BFFLO	2102	56	10.91
133	36	RKYRD	2103	123	10.39
134	46	SLRNC	2103	61	7.70
135	141	REBEL	2101	28	5.22
136	148	TRGLE	1104	80	2.12
137	#N/A	TCITY	2103	243	0.47
138	94	TCITY	2102	466	0.38

* 2018's customer count was used due to feeder reconfiguration.

YOSME1103
 CMPBO2102
 BROWN1103
 STFRD2104

Oncor Electric Delivery: North Texas Utility (NTU)/Legacy Sharyland

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2019 Reporting Year

Causes of Forced Interruptions	Percentage
Utility-owned Equipment	27%
Animals and Birds	10%
Weather (Including Lightning)	50%
Vegetation	2%
People (Including cars and farm equip)	7%
Unknown	5%