



Control Number: 39035



Item Number: 8

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PUBLIC UTILITY COMMISSION
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Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2010 Reporting Year

Sharyland Utilities

Project 39035

§25.52. -- Reliability and Continuity of Service.

<http://www.puc.state.tx.us/rules/subrules/electric/25.52/25.52.doc>

Application. This section applies to all electric utilities as defined by the Public Utility Regulatory Act (PURA) §31.002(6) and all transmission and distribution utilities as defined by PURA §31.002(19). The term "utility" as used in this section shall mean an electric utility and a transmission and distribution utility.

Public Utility Regulatory Act §31.002

<http://www.puc.state.tx.us/rules/statutes/index.cfm>

DEFINITIONS.

The term "Electric utility" does not include a municipally owned utility or an electric cooperative.

Information typed in highlighted cells will appear on following sheets.

Type Name of Utility in the Cell Below

Utility:

Sharyland Utilities

Type Total Number of Distribution Feeders in the Cell Below

Feeders:

99

Due: February 14, 2011

**File: Five Printed Copies and
One Electronic Copy of This Excel File**

Project: 39035

**Address: Attn: Filing Clerk
Public Utility Commission of Texas
P.O. Box 13326
Austin, Texas 78711-3326**

If you have any questions, please contact:

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Service Quality Report to the Public Utility Commission of Texas

Sharyland Utilities

System SAIFI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
Forced													
2010	1.02	0.10	0.04	0.05	0.06	0.15	0.21	0.06	0.05	0.12	0.06	0.04	0.08
Scheduled													
2010	0.02	0.00	0.00	0.00	0.01	0.00	0.08	0.07	0.09	0.00	0.00	0.00	0.07
Outside Causes													
2010	0.51	0.09	0.00	0.15	0.00	0.08	0.00	0.01	0.04	0.11	0.00	0.01	0.02
Major Events													
2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Service Quality Report to the Public Utility Commission of Texas

Sharyland Utilities

System SAIDI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced												
2010	11.63	3.47	2.62	3.86	10.61	14.33	5.92	4.72	14.18	3.19	3.55	10.31
Scheduled												
2010	0.78	0.00	0.09	0.05	0.30	0.00	0.00	0.00	0.33	0.02	0.00	0.00
Outside Causes												
2010	63.70	4.40	2.95	0.00	38.96	0.00	4.27	2.38	8.36	0.00	0.17	2.21
Major Events												
2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or more Customers

99

Add or Delete Rows as Necessary

Sharyland Utilities

2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value
1	35.0000	4084	2	1177	4.784197
2	3.0000	1646	1	327	3.446483
3	86.0000	2058	3	446	3.446188
4	5.0000	2168	3	320	2.771875
5	40.0000	2372	1	770	2.675325
6	23.0000	1276	1	685	2.566423
7	61.0000	2168	4	847	2.233766
8	34.0000	4780	5	757	2.190225
9	28.0000	1956	2	81	2.074074
10	57.0000	2168	2	434	2.057604
11	16.0000	1360	4	768	1.967448
12	58.0000	566	4	609	1.837438
13	21.0000	1646	3	463	1.801296
14	14.0000	2664	4	107	1.504673
15	84.0000	274	5	538	1.501859
16	20.0000	162	1	190	1.452632
17	25.0000	5800	3	183	1.431694
18	43.0000	1360	1	761	1.411301
19	60.0000	2254	4	775	1.385806
20	51.0000	2168	1	416	1.350962
21	1.0000	3852	4	915	1.278689
22	37.0000	2478	2	266	1.263158
23	75.0000	1360	6	347	1.25072
24	71.0000	162	4	160	1.25
25	18.0000	2478	4	173	1.184971
26	10.0000	2850	5	224	1.147321
27	8.0000	162	5	131	1.099237
28	32.0000	5600	1	277	1.097473
29	66.0000	4780	4	501	1.095808
30	92.0000	1276	4	62	1.080645
31	13.0000	1956	1	91	1.076923
32	44.0000	162	3	90	1.066667
33	72.0000	2058	1	357	1.022409
34	65.0000	1956	3	127	0.944882
35	17.0000	5600	2	32	0.9375
36	12.0000	2372	5	536	0.886194
37	39.0000	2058	4	283	0.862191
38	2.0000	1646	2	381	0.821522
39	26.0000	162	2	107	0.813084
40	29.0000	2478	1	354	0.751412
41	27.0000	4084	1	994	0.737425
42	81.0000	1360	2	332	0.695783
43	24.0000	2372	4	184	0.603261

Service Quality Report to the Public Utility Commission of Texas

Sharyland Utilities

2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value
44	52.0000	2478	3	106	0.59434
45	New	1548	2	149	0.590604
46	38.0000	1276	6	221	0.574661
47	53.0000	5700	2	154	0.571429
48	88.0000	5700	1	227	0.559471
49	45.0000	2254	3	989	0.55814
50	42.0000	1440	2	114	0.552632
51	41.0000	566	5	422	0.552133
52	79.0000	1440	3	735	0.536054
53	49.0000	5500	1	311	0.530547
54	50.0000	4780	3	918	0.518519
55	89.0000	2254	5	34	0.470588
56	7.0000	3852	3	900	0.452222
57	4.0000	2850	3	224	0.441964
58	62.0000	2254	2	1053	0.382716
59	73.0000	2372	3	482	0.369295
60	46.0000	5100	1	746	0.365952
61	22.0000	1440	1	122	0.360656
62	48.0000	5200	1	220	0.354545
63	56.0000	1276	3	658	0.316109
64	64.0000	1276	2	436	0.31422
65	30.0000	5100	2	403	0.295285
66	82.0000	5300	2	614	0.29316
67	19.0000	5800	2	706	0.291785
68	74.0000	3852	2	386	0.277202
69	33.0000	5800	1	501	0.275449
70	36.0000	1646	4	200	0.26
71	67.0000	5300	3	183	0.251366
72	47.0000	5100	3	314	0.242038
73	78.0000	2372	2	243	0.209877
74	68.0000	3852	1	798	0.200501
75	76.0000	2168	5	177	0.19774
76	11.0000	2664	5	258	0.186047
77	59.0000	2664	1	127	0.173228
78	63.0000	5200	2	180	0.155556
79	87.0000	2850	1	445	0.150562
80	77.0000	1360	3	492	0.136179
81	80.0000	2254	1	279	0.129032
82	6.0000	566	2	16	0.125
83	54.0000	2664	2	48	0.125
84	83.0000	2664	3	348	0.109195
85	85.0000	274	4	878	0.084282
86	55.0000	5100	4	178	0.08427
87	70.0000	5300	1	459	0.08061
88	31.0000	2058	2	196	0.066327
89	9.0000	5500	2	641	0.063963
90	15.0000	274	1	308	0.061688
91	94.0000	BENTSEN	211	623	0.042

Service Quality Report to the Public Utility Commission of Texas

Sharyland Utilities

2010 SAIFI Ranking	2009 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIFI Value
92	69.0000	2478	5	27	0.037037
93	91.0000	TAYLOR	111	513	0.023
94	New	1548	1	235	0.012766
95	90.0000	TAYLOR	114	1065	0.006
96	New	1548	4	696	0.005747
97	New	1548	3	58	0
98	93.0000	BENTSEN	215	122	0
99	95.0000	TAYLOR	115	100	0

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

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Add or Delete Rows as Necessary

Sharyland Utilities

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value
1	6.0000	2168	3	320	438.359372
2	53.0000	2168	4	847	299.240848
3	30.0000	2058	2	196	294.755604
4	28.0000	2168	1	416	273.374998
5	5.0000	2372	1	770	240.83896
6	44.0000	4084	2	1177	232.781647
7	New	1548	4	696	230.587155
8	81.0000	2058	3	446	216.074204
9	11.0000	1646	2	381	213.660906
10	36.0000	566	4	609	200.548439
11	20.0000	2168	2	434	196.516127
12	65.0000	4780	5	757	191.428005
13	40.0000	1276	1	685	184.087589
14	22.0000	1956	1	91	173.407404
15	54.0000	162	4	160	168.456248
16	12.0000	2478	4	173	164.583814
17	31.0000	1956	2	81	163.543305
18	35.0000	5600	1	277	153.812273
19	41.0000	1360	4	768	136.364582
20	4.0000	1646	1	327	131.61942
21	17.0000	5800	3	183	126.519125
22	52.0000	1360	1	761	123.858081
23	15.0000	2372	5	536	119.919774
24	10.0000	2664	4	107	111.102801
25	72.0000	1360	6	347	110.492794
26	19.0000	162	5	131	108.603049
27	75.0000	162	3	90	103.944442
28	1.0000	3852	4	915	101.660107
29	8.0000	2058	4	283	100.2
30	62.0000	2254	4	775	94.823225
31	25.0000	2478	1	354	94.110168
32	34.0000	1646	4	200	90.780219
33	New	1548	2	149	78.798657
34	45.0000	2478	3	106	78.76415
35	13.0000	162	2	107	77.887848
36	66.0000	1956	3	127	77.546216
37	43.0000	5500	1	311	77.292603
38	2.0000	3852	3	900	64.418888
39	27.0000	2850	5	224	64.093749
40	85.0000	274	5	538	61.410781
41	21.0000	2478	2	266	58.887215
42	71.0000	1276	6	221	58.411763
43	38.0000	566	5	422	58.300946

Service Quality Report to the Public Utility Commission of Texas

Sharyland Utilities

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value
44	33.0000	2372	4	184	57.652171
45	90.0000	2254	5	34	56.117644
46	64.0000	2372	3	482	55.410787
47	68.0000	4780	4	501	54.942115
48	92.0000	1276	4	62	54.612903
49	7.0000	162	1	190	52.110525
50	70.0000	1440	2	114	48.780699
51	14.0000	2850	3	224	44.821427
52	76.0000	1360	2	332	43.638554
53	84.0000	5700	1	227	41.969162
54	16.0000	2254	3	989	40.787664
55	42.0000	4084	1	994	39.676055
56	60.0000	5100	1	746	38.546916
57	56.0000	5100	3	314	36.522292
58	58.0000	5700	2	154	36.376622
59	29.0000	1646	3	463	34.254997
60	47.0000	3852	1	798	32.36842
61	79.0000	1440	3	735	31.689795
62	69.0000	3852	2	386	31.670983
63	50.0000	5200	1	220	31.649999
64	49.0000	4780	3	918	29.823529
65	32.0000	5800	2	706	28.896599
66	67.0000	2254	2	1053	28.864197
67	26.0000	5800	1	501	28.83433
68	73.0000	2168	5	177	27.55367
69	37.0000	1440	1	122	27.418031
70	59.0000	1276	3	658	26.495439
71	55.0000	2372	2	243	23.325101
72	77.0000	1276	2	436	22.153668
73	3.0000	566	2	16	21.062498
74	57.0000	2664	1	127	20.90551
75	9.0000	2664	5	258	20.41085
76	80.0000	5300	2	614	18.739412
77	78.0000	5300	3	183	17.535517
78	23.0000	5100	2	403	16.079403
79	74.0000	2850	1	445	15.208988
80	46.0000	2664	2	48	12.187498
81	61.0000	2058	1	357	11.913264
82	88.0000	274	4	878	11.856491
83	87.0000	2664	3	348	11.143678
84	83.0000	2254	1	279	10.899641
85	86.0000	2478	5	27	10.666667
86	51.0000	5200	2	180	10.605554
87	63.0000	5300	1	459	9.04575
88	82.0000	1360	3	492	8.843495
89	39.0000	274	1	308	7.292207
90	48.0000	5100	4	178	5.404494
91	18.0000	5500	2	641	5.287051

Service Quality Report to the Public Utility Commission of Texas

Sharyland Utilities

2010 SAIDI Ranking	2009 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2010 SAIDI Value
92	94.0000	BENTSEN	211	623	4.464
93	91.0000	TAYLOR	111	513	4.162
94	24.0000	5600	2	32	2.718748
95	New	1548	1	235	2.361702
96	New	1548	3	58	1.373563
97	89.0000	TAYLOR	114	1065	0.237
98	95.0000	BENTSEN	215	122	0
99	93.0000	TAYLOR	115	100	0

Service Quality Report to the Public Utility Commission of Texas

Sharyland Utilities

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2010 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	49.42%
Vegetation	2.34%
Animals and Birds	10.28%
People (Including cars and farm equip)	4.47%
Utility-owned Equipment	27.40%
Other	0.88%
Unknown	5.21%