



Control Number: 41092



Item Number: 6

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**Service Quality Report**  
To The  
**Public Utility Commission of Texas**  
In Accordance With  
**Substantive Rule §25.81**  
**2012 Reporting Year**

**Sharyland Utilities**

**Project 41092**

**§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:**

**103**

**Due:**

**February 14, 2013**

**File:**

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

**Project:**

**41092**

**Address:**

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

If you have any questions, please contact:

Larry Reed  
Infrastructure & Reliability Division  
Commission Staff

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Service Quality Report to the Public Utility Commission of Texas

**Sharyland Utilities**

<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>													
<b>2012</b>	0.92	0.08	0.04	0.08	0.07	0.11	0.12	0.10	0.11	0.07	0.06	0.03	0.03
<b>Scheduled</b>													
<b>2012</b>	0.39	0.00	0.00	0.02	0.01	0.07	0.09	0.06	0.04	0.03	0.03	0.00	0.05
<b>Outside Causes</b>													
<b>2012</b>	0.81	0.06	0.00	0.01	0.00	0.16	0.23	0.13	0.02	0.05	0.00	0.13	0.03
<b>Major Events</b>													
<b>2012</b>	0.16	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07

Service Quality Report to the Public Utility Commission of Texas

**Sharyland Utilities**

	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>System SAIDI</b>													
Forced 2012	107.56	8.47	4.06	9.37	8.00	11.05	19.96	11.97	10.56	8.15	8.55	3.45	3.95
Scheduled 2012	44.35	0.04	0.28	1.12	3.46	3.26	24.07	4.52	0.68	1.15	0.12	0.83	4.82
Outside Causes 2012	132.42	19.59	0.00	0.25	0.00	20.41	6.73	45.82	2.67	3.41	0.00	30.87	2.67
Major Events 2012	24.80	10.22	0.00	8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.16

# 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>97</b>
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Add or Delete Rows as Necessary

## **Sharyland Utilities**

<b>2012 SAIFI Ranking</b>	<b>2011 SAIFI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2012 SAIFI Value</b>
1	52	2664	5	288	4.288194
2	12	2850	3	71	4.239437
3	90	1956	1	87	4.126437
4	22	1276	1	766	3.112272
5	10	1646	2	486	3.082305
6	57	1440	2	109	3.018349
7	14	2664	4	162	2.851852
8	35	1956	2	81	2.469136
9	86	2168	3	342	2.298246
10	28	2058	1	360	2.202778
11	59	4780	5	773	2.190168
12	15	2478	1	361	2.174515
13	42	1360	6	367	1.986376
14	78	1548	2	152	1.901316
15	39	1276	3	547	1.868373
16	93	5200	2	179	1.664804
17	56	2168	1	477	1.631027
18	8	4084	2	1083	1.597415
19	76	2478	2	268	1.567164
20	18	2058	2	187	1.55615
21	25	566	5	392	1.55102
22	23	2478	3	112	1.446429
23	66	2372	5	622	1.442122
24	11	1646	4	253	1.422925
25	60	1646	3	412	1.381068
26	73	4780	3	936	1.350427
27	13	5100	3	315	1.32381
28	2	4084	1	1115	1.319283
29	20	5500	1	307	1.283388
30	85	1440	1	124	1.241935
31	16	2168	2	581	1.199656
32	53	5300	1	446	1.150224
33	7	2372	1	378	1.148148
34	51	3852	4	931	1.058002
35	96	1276	4	61	1.016393
36	4	2372	3	461	0.989154
37	61	1360	1	805	0.975155
38	67	1360	2	364	0.972527
39	92	5800	3	178	0.966292
40	21	2664	3	370	0.959459
41	36	5300	2	608	0.875
42	49	1956	3	129	0.813953
43	27	5200	1	218	0.770642

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

### Sharyland Utilities

2012 SAIFI Ranking	2011 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2012 SAIFI Value
44	32	5500	2	656	0.759146
45	80	5700	2	157	0.732484
46	40	274	4	935	0.68984
47	95	2664	2	54	0.666667
48	88	2850	1	445	0.640449
49	55	2168	4	905	0.628729
50	37	2372	2	258	0.620155
51	new	9300	1	269	0.605948
52	5	3852	3	895	0.595531
53	54	5600	2	153	0.594771
54	24	2254	2	1094	0.576782
55	71	2254	4	834	0.555156
56	74	1276	6	444	0.533784
57	79	2254	3	1006	0.521869
58	29	2058	3	458	0.480349
59	77	5700	1	232	0.465517
60	81	1548	1	426	0.441315
61	50	1548	4	728	0.425824
62	64	5800	1	497	0.412475
63	82	2372	4	406	0.406404
64	17	5800	2	693	0.402597
65	72	3852	2	383	0.373368
66	new	2757	1	84	0.333333
67	94	5300	3	180	0.322222
68	68	5100	1	750	0.302667
69	43	5600	1	171	0.298246
70	9	2664	1	146	0.287671
71	new	9200	1	603	0.283582
72	6	1646	1	319	0.266458
73	new	9100	1	766	0.234987
74	47	4780	4	511	0.228963
75	3	3852	1	783	0.223499
76	26	2850	5	242	0.198347
77	62	2168	5	184	0.195652
78	65	1360	4	778	0.167095
79	1	1276	2	323	0.142415
80	70	5100	2	401	0.134663
81	41	566	4	292	0.130137
82	87	566	2	16	0.125
83	58	1440	3	754	0.122016
84	83	2478	4	169	0.112426
85	75	2478	5	29	0.103448
86	63	1360	3	532	0.088346
87	84	2254	5	35	0.085714
88	46	274	5	572	0.076923
89	30	274	1	325	0.073846
90	34	5100	4	180	0.072222
91	38	2058	4	288	0.059028

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

### **Sharyland Utilities**

<b>2012 SAIFI Ranking</b>	<b>2011 SAIFI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2012 SAIFI Value</b>
92	89	2254	1	299	0.026756
93	98	TAYLOR	111	521	0.024
94	97	TAYLOR	114	1089	0.0013
95	44	BENTSEN	211	632	0
96	45	BENTSEN	215	124	0
97	33	TAYLOR	115	133	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

<b>97</b>
-----------

Add or Delete Rows as Necessary

### **Sharyland Utilities**

2012 SAIDI Ranking	2011 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2012 SAIDI Value
1	90	1956	1	84	557.896549
2	12	1646	2	496	524.41152
3	82	2168	3	332	427.730991
4	81	1548	2	151	414.322367
5	17	2478	1	367	401.448752
6	14	2850	3	233	377.112672
7	52	2664	5	268	342.104165
8	83	1440	1	121	317.338708
9	5	566	5	407	293.87755
10	46	1646	3	409	275.038833
11	11	2168	2	529	271.831323
12	51	1440	2	113	265.36697
13	24	2058	1	355	261.39722
14	18	2478	3	112	247.276784
15	40	1276	1	740	240.986943
16	34	2372	1	358	239.113755
17	3	2664	3	348	236.805404
18	22	2664	4	138	234.820986
19	27	2168	1	461	221.412996
20	69	2478	2	267	194.171639
21	93	5800	3	181	187.022471
22	64	2372	5	574	180.504821
23	16	1276	3	685	172.285189
24	21	1956	2	83	166.790122
25	26	2058	2	196	158.278073
26	50	1360	2	367	156.890109
27	43	5300	2	614	153.338815
28	30	1646	4	238	153.11067
29	65	1360	6	358	145.871934
30	1	2372	3	531	142.802601
31	new	9300	1	269	140.951672
32	95	5200	2	177	139.206702
33	58	4780	5	773	135.998705
34	23	5500	1	310	127.654722
35	20	4084	1	1129	113.755155
36	77	4780	3	940	110.420939
37	33	3852	4	910	109.272823
38	25	4084	2	1090	107.953831
39	79	2254	3	999	103.94831
40	39	5200	1	219	92.724768
41	13	2372	2	246	92.686044
42	8	3852	3	893	87.792177
43	28	2058	3	463	86.255457

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

### Sharyland Utilities

2012 SAIDI Ranking	2011 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2012 SAIDI Value
44	10	5100	3	313	83.996824
45	19	1956	3	98	82.240308
46	89	2850	1	444	78.022471
47	37	5500	2	639	74.38567
48	80	1548	1	280	72.441314
49	78	5700	2	157	68.076432
50	73	1360	1	790	67.962732
51	36	5300	1	446	66.742152
52	68	2254	4	825	65.189447
53	44	5800	2	699	64.650792
54	41	2168	4	875	63.910495
55	55	274	4	894	61.88663
56	2	3852	1	801	60.374201
57	94	5300	3	181	59.599997
58	35	5600	2	81	54.679738
59	29	2168	5	179	53.543476
60	31	2254	2	1087	52.732175
61	53	5800	1	504	44.883299
62	67	3852	2	391	41.041774
63	48	1548	4	725	40.212911
64	85	2664	2	53	36.499998
65	new	9200	1	603	34.43781
66	76	2372	4	215	34.248767
67	9	1646	1	310	33.689654
68	47	5600	1	230	31.22222
69	new	9100	1	766	30.622714
70	63	1276	6	220	30.245495
71	71	5700	1	225	26.77586
72	new	2700	1	84	24.797618
73	75	5100	1	739	23.913332
74	97	1276	4	61	22.950819
75	49	2850	5	225	22.87603
76	84	2478	4	171	20.443787
77	38	566	4	293	20.431505
78	6	2664	1	129	18.801368
79	88	566	2	16	16.624995
80	56	4780	4	515	14.874755
81	59	1360	4	768	13.63239
82	60	274	5	568	12.91958
83	66	5100	2	395	12.46384
84	4	1276	2	452	12.433435
85	92	2254	5	35	12.42857
86	61	2478	5	29	11.068966
87	7	2058	4	288	10.930555
88	15	274	1	316	10.48923
89	70	1360	3	512	9.590225
90	62	1440	3	739	9.503978
91	87	2254	1	288	4.083611

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

### **Sharyland Utilities**

<b>2012 SAIDI Ranking</b>	<b>2011 SAIDI Ranking</b>	<b>Substation Identification</b>	<b>Feeder Identification</b>	<b>Number of Customers</b>	<b>2012 SAIDI Value</b>
92	72	5100	4	177	3.605555
93	98	TAYLOR	111	521	0.0128
94	96	TAYLOR	114	1089	0.00031
95	42	BENTSEN	211	632	0
96	86	BENTSEN	215	124	0
97	74	TAYLOR	115	133	0

Service Quality Report to the Public Utility Commission of Texas

**Sharyland Utilities**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

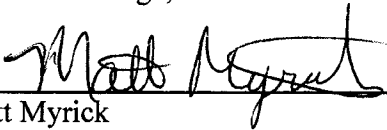
2012 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	52.72%
Vegetation	1.57%
Animals and Birds	7.05%
People (Including cars and farm equip)	6.03%
Utility-owned Equipment	28.42%
Other	1.94%
Unknown	2.27%

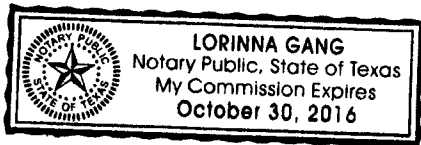
**ATTESTATION**

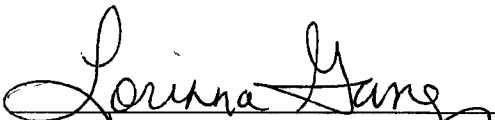
STATE OF TEXAS           §  
  §  
COUNTY OF MIDLAND   §

Matt Myrick, being duly sworn, certifies and says that he is the Technical Services Manager for Sharyland Utilities, L.P. (“Sharyland”); that the foregoing Service Quality Report of Sharyland for 2012 has been prepared under his direction; and that the statements contained in the Report are true, correct and complete to the best of his knowledge, information and belief.

  
\_\_\_\_\_  
Matt Myrick  
Technical Services Manager  
Sharyland Utilities, L.P.

SUBSCRIBED AND SWORN BEFORE ME by the said Matt Myrick on the 14 day of February 2013.



  
\_\_\_\_\_  
Notary Public in and for the State of Texas

Oct 30, 2016  
My Commission Expires: \_\_\_\_\_