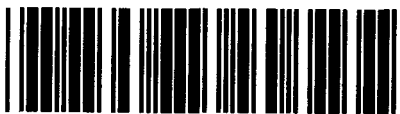




Control Number: 32237



Item Number: 7

Addendum StartPage: 0

**§25.52. -- Reliability and Continuity of Service.**

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

2006 FEB -9 AM 9: 02

**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:**

**Cap Rock Energy Corporation**

Type Total Number of Distribution Feeders in the Cell Below

**Feeders:**

**91**

**Due: February 14, 2006**

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

**Project: 32237**

**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  
Electric Division  
Commission Staff

Voice: 512 936 7357

Fax: 512 936 7328

E-mail: <mailto:larry.reed@puc.state.tx.us>

**Service Quality Report**  
**To The**  
**Public Utility Commission of Texas**  
**In Accordance With**  
**Substantive Rule §25.81**  
**2005 Reporting Year**

**Cap Rock Energy Corporation**

**Project 32237**

# Service Quality Report to the Public Utility Commission of Texas

## **Cap Rock Energy Corporation**

<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>													
2005	0.59	0.01	0.02	0.02	0.01	0.08	0.05	0.09	0.08	0.04	0.02	0.08	0.09
<b>Scheduled</b>													
2005	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Outside Causes</b>													
2005	0.37	0.00	0.04	0.02	0.07	0.00	0.11	0.05	0.01	0.00	0.06	0.02	0.00
<b>Major Events</b>													
2005	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

## Cap Rock Energy Corporation

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced 2005	45.90	0.97	2.23	1.68	1.03	7.84	4.31	6.40	8.28	2.52	1.57	3.28	6.00
Scheduled 2005	0.34	0.07	0.09	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes 2005	12.56	0.00	0.00	0.00	0.00	0.02	4.79	6.35	0.31	0.02	0.78	0.33	0.00
Major Events 2005	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

## Cap Rock Energy Corporation

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
47	20.0000	2478	3	89	0.4494382
48	9.0000	5100	4	165	0.4424242
49	42.0000	3852	4	781	0.4007683
50	40.0000	4780	2	986	0.3955375
51	52.0000	162	5	129	0.3953488
52	10.0000	5500	2	643	0.37014
53	85.0000	566	4	573	0.364747
54	66.0000	2372	1	301	0.345515
55	65.0000	2058	4	279	0.3261649
56	2.0000	5300	3	199	0.3065327
57	1.0000	4780	5	774	0.2894057
58	43.0000	162	4	128	0.2890625
59	62.0000	2664	2	42	0.2619048
60	61.0000	2254	1	871	0.2330654
61	12.0000	162	3	52	0.2307692
62	28.0000	1440	2	97	0.2268041
63	25.0000	5800	1	526	0.2205323
64	87.0000	2254	3	859	0.2118743
65	3.0000	5800	2	719	0.2114047
66	49.0000	5500	1	303	0.2079208
67	37.0000	3852	1	694	0.2017291
68	57.0000	2664	5	135	0.2
69	27.0000	5100	3	303	0.1980198
70	15.0000	5800	3	191	0.1884817
71	N/A	1956	1	86	0.1860465
72	13.0000	2850	3	184	0.173913
73	83.0000	274	5	166	0.1686747
74	32.0000	1440	1	110	0.1636364
75	21.0000	5100	2	368	0.1630435
76	47.0000	2254	2	961	0.1540062
77	64.0000	5700	1	188	0.1329787
78	22.0000	5200	2	178	0.1292135
79	80.0000	1360	1	683	0.1288433
80	54.0000	1360	3	420	0.1238095
81	84.0000	2254	5	26	0.1153846
82	74.0000	274	4	706	0.1090652
83	82.0000	5600	2	30	0.1
84	75.0000	1360	2	274	0.0985401
85	58.0000	2664	3	328	0.097561
86	79.0000	1440	3	708	0.0960452
87	36.0000	162	1	162	0.0925926
88	81.0000	2850	1	416	0.0697115
89	31.0000	1360	6	414	0.0507246
90	86.0000	274	1	278	0.0359712
91	72.0000	1360	4	277	0.0288809

# 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 More Than 10 Customers

**91**

Add or Delete Rows as Necessary

## Cap Rock Energy Corporation

2005 SAIFI Ranking	2004 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIFI Value
1	4.0000	5100	1	732	3.695355
2	18.0000	5600	1	275	2.116364
3	N/A	1956	3	113	1.663717
4	14.0000	5200	1	196	1.5
5	N/A	1956	2	58	1.431034
6	38.0000	2372	5	459	1.315904
7	30.0000	5300	1	673	1.268945
8	17.0000	1276	3	478	1.182008
9	23.0000	1646	2	308	1.142857
10	7.0000	4780	3	780	1.129487
11	45.0000	3852	2	318	1.072327
12	19.0000	4780	4	561	1.02139
13	70.0000	2850	5	218	1
14	73.0000	566	2	248	0.9717742
15	46.0000	162	2	70	0.9571428
16	60.0000	2058	2	183	0.9508197
17	59.0000	2168	5	130	0.9307692
18	50.0000	2478	5	21	0.9047619
19	33.0000	2478	4	39	0.8974359
20	51.0000	2372	3	110	0.8818182
21	55.0000	2664	1	112	0.8660714
22	56.0000	2058	3	183	0.852459
23	67.0000	1276	1	498	0.8273093
24	77.0000	1276	6	767	0.8187745
25	71.0000	566	3	423	0.8037825
26	39.0000	2168	2	461	0.7982646
27	5.0000	1646	4	161	0.7950311
28	53.0000	2372	2	228	0.7850877
29	6.0000	2478	2	67	0.7761194
30	69.0000	2254	4	685	0.7591241
31	41.0000	2168	3	240	0.7375
32	88.0000	1276	4	57	0.7368421
33	16.0000	1646	1	191	0.6963351
34	35.0000	2168	1	322	0.6956522
35	34.0000	2058	1	289	0.6816609
36	26.0000	4780	1	1042	0.6362764
37	29.0000	2478	1	313	0.629393
38	78.0000	2664	4	157	0.6178344
39	48.0000	566	5	277	0.5776173
40	24.0000	1646	3	395	0.5721519
41	76.0000	1276	2	338	0.5414201
42	68.0000	2372	4	172	0.5174419
43	63.0000	2168	4	659	0.508346
44	44.0000	5700	2	158	0.4746836
45	8.0000	5300	2	431	0.4733179
46	11.0000	3852	3	748	0.4532086

# 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 More Than 10 Customers

**91**

Add or Delete Rows as Necessary

## Cap Rock Energy Corporation

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
1	14.0000	5100	1	732	231.7035
2	N/A	1956	2	58	183.8103
3	10.0000	5600	1	275	175.8946
4	55.0000	162	2	70	155.8143
5	26.0000	2168	2	461	149.1518
6	2.0000	5200	1	196	144.1735
7	23.0000	5300	1	673	121.9302
8	51.0000	3852	2	318	116.8113
9	37.0000	2478	4	39	111.7436
10	39.0000	2372	5	459	107.2418
11	52.0000	2168	5	130	100.4077
12	48.0000	2478	5	21	97.4762
13	57.0000	2058	2	183	95.1858
14	22.0000	2168	1	322	92.31055
15	18.0000	2478	2	67	91.74627
16	45.0000	2372	2	228	91.73684
17	28.0000	2168	3	240	89.93332
18	41.0000	2372	3	110	83.47272
19	49.0000	2058	3	183	79.75409
20	20.0000	2058	1	289	79.41175
21	N/A	1956	3	113	74.90266
22	15.0000	4780	3	780	69.09615
23	46.0000	566	5	277	66.08304
24	63.0000	2372	4	172	65.18604
25	58.0000	2664	1	112	65.125
26	4.0000	5500	2	643	64.12753
27	35.0000	2478	1	313	59.71885
28	32.0000	3852	4	781	57.86556
29	76.0000	566	2	248	57.00807
30	34.0000	1646	2	308	56.62663
31	59.0000	2168	4	659	54.11837
32	62.0000	566	3	423	52.57446
33	78.0000	2664	4	157	50.83439
34	42.0000	4780	1	1042	49.9357
35	27.0000	4780	4	561	48.50267
36	25.0000	2478	3	89	45.22472
37	68.0000	2850	5	218	43.82569
38	69.0000	2254	4	685	42.49344
39	9.0000	5300	2	431	41.19257
40	N/A	1956	1	86	41.10465
41	16.0000	1276	3	478	40.30962
42	67.0000	2058	4	279	39.96416
43	66.0000	2372	1	301	39.09635
44	30.0000	4780	2	986	34.32454
45	83.0000	566	4	573	33.57067

# Service Quality Report to the Public Utility Commission of Texas

## **Cap Rock Energy Corporation**

2005 SAIDI Ranking	2004 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2005 SAIDI Value
46	5.0000	4780	5	774	33.04779
47	13.0000	3852	3	748	32.39172
48	54.0000	5700	2	158	32.17089
49	53.0000	162	5	129	31.71318
50	12.0000	1646	4	161	31.03105
51	36.0000	162	4	128	29.42187
52	40.0000	5500	1	303	28.23102
53	70.0000	1276	1	498	27.59438
54	60.0000	2664	2	42	26.42857
55	11.0000	5300	3	199	25.0201
56	31.0000	1646	1	191	24.15183
57	8.0000	5100	4	165	23.05454
58	29.0000	3852	1	694	21.4366
59	65.0000	2254	1	871	19.99311
60	87.0000	2254	3	859	19.33644
61	72.0000	1276	2	338	18.11538
62	71.0000	1276	6	767	17.8605
63	43.0000	1440	2	97	17.57732
64	56.0000	5700	1	188	16.94681
65	33.0000	162	3	52	16.78846
66	7.0000	5800	1	526	16.71673
67	1.0000	5800	2	719	15.94158
68	77.0000	5600	2	30	14.36667
69	21.0000	5100	3	303	13.54125
70	24.0000	1646	3	395	12.93418
71	61.0000	1360	3	420	12.65476
72	79.0000	1360	2	274	12.45986
73	64.0000	2664	5	135	12.35556
74	19.0000	2850	3	184	11.63043
75	44.0000	2254	2	961	11.4693
76	88.0000	1276	4	57	11.35088
77	6.0000	5200	2	178	10.94944
78	80.0000	274	4	706	10.8017
79	81.0000	2254	5	26	10.46154
80	74.0000	274	5	166	9.96988
81	50.0000	1440	1	110	9.672727
82	82.0000	1360	1	683	9.642752
83	17.0000	5100	2	368	8.80163
84	47.0000	162	1	162	6.018518
85	85.0000	1440	3	708	5.693503
86	75.0000	2664	3	328	5.551829
87	38.0000	1360	6	414	4.809179
88	3.0000	5800	3	191	4.397906
89	84.0000	2850	1	416	3.346154
90	73.0000	1360	4	277	2.689531
91	86.0000	274	1	278	2.190648

Service Quality Report to the Public Utility Commission of Texas

**Cap Rock Energy Corporation**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

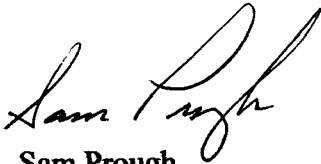
2005 Reporting Year

<b>Causes of Forced Interruptions</b>	<b>Percentage</b>
Weather (Including Lightning)	42.54%
Vegetation	2.26%
Animals and Birds	5.79%
People (Including cars and farm equip)	7.79%
Utility-owned Equipment	35.73%
Other	3.30%
Unknown	2.58%

ATTESTATION

Prepared Pursuant to PUC Substantive Rule 25.71 (D)

I attest that I am the Vice President-Chief Operational Officer for Cap Rock Energy Corporation located in Midland, Texas; that the attached Service Quality Report for Calendar Year 2005 has been prepared under my supervision; that, to the best of my knowledge, the information and facts contained therein are true and accurate; and the attached report represents the company's factual position for the period covered by the report.

A handwritten signature in cursive script, appearing to read "Sam Prough".

Sam Prough  
Vice President Chief Operational Officer