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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
2003 Reporting Year

Cap Rock Energy Corporation

Project ~~27270~~

29165

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy Corporation

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced													
2003	0.84	0.01	0.04	0.02	0.04	0.26	0.19	0.02	0.08	0.06	0.02	0.08	0.02
Scheduled													
2003	0.06	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes													
2003	0.19	0.00	0.01	0.00	0.00	0.00	0.05	0.06	0.00	0.00	0.06	0.00	0.01
Major Events													
2003	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													
2003	79.13	0.86	3.87	2.03	1.91	14.41	28.68	1.59	7.61	5.54	2.33	9.10	1.52
Scheduled													
2003	5.11	0.00	0.00	0.00	5.12	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Outside Causes													
2003	12.98	0.22	1.03	0.00	0.00	0.00	7.14	2.01	0.00	0.00	1.75	0.00	0.93
Major Events													
2003	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

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With More Than 10 Customers

89

Add or Delete Rows as Necessary

Cap Rock Energy Corporation

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
1	73	5300	1	462	3.424242
2	1	5400	1	311	2.913183
3	2	5600	1	141	2.35461
4	37	5700	1	198	1.939394
5	24	5500	2	267	1.898876
6	6	2478	2	69	1.869565
7	4	3852	2	392	1.854592
8	61	162	3	51	1.803922
9	9	3852	3	741	1.74359
10	51	4780	1	1044	1.67433
11	31	5300	2	453	1.635762
12	20	5200	1	199	1.577889
13	48	5800	1	480	1.460417
14	54	5100	1	609	1.211823
15	5	3852	4	696	1.168103
16	79	5200	2	186	1.091398
17	10	2478	4	31	1.032258
18	7	2850	5	116	1.025862
19	23	2664	5	195	1.020513
20	3	2478	3	86	0.9651163
21	15	1276	6	728	0.9258242
22	65	1440	2	99	0.8989899
23	67	4780	4	548	0.8631387
24	17	1646	2	303	0.8514851
25	89	1360	3	407	0.8329238
26	82	2254	3	837	0.8100358
27	11	1646	1	184	0.7989131
28	77	2254	1	831	0.788207
29	74	2478	5	22	0.6818182
30	63	2664	1	118	0.6694915
31	47	2850	3	180	0.6166667
32	32	5100	3	319	0.5862069
33	64	5700	2	150	0.55333333
34	35	3852	1	683	0.5124451
35	41	566	2	246	0.495935
36	21	5800	3	184	0.4945652
37	43	2168	3	249	0.4819277
38	38	2168	2	374	0.4812834
39	13	2478	1	308	0.4610389
40	52	566	4	557	0.4416517
41	28	2372	3	114	0.4385965
42	14	2372	5	460	0.4
43	49	2168	1	319	0.3793103

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy Corporation

2003 SAIFI Ranking	2002 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIFI Value
44	45	162	5	130	0.3692308
45	60	2058	3	176	0.3636364
46	62	2168	5	131	0.3587786
47	22	2372	4	164	0.3536585
48	33	566	5	289	0.3425606
49	30	4780	2	897	0.3232999
50	59	566	3	447	0.3176734
51	46	5300	3	183	0.3169399
52	55	274	1	272	0.3125
53	86	1360	6	401	0.3067332
54	40	5800	2	756	0.3055556
55	44	2058	2	353	0.3002833
56	25	4780	5	877	0.2964652
57	53	1276	3	538	0.295539
58	16	1276	1	484	0.2933884
59	87	274	5	148	0.2905405
60	29	2168	4	553	0.2802893
61	42	2664	4	72	0.2777778
62	18	5100	4	317	0.2744479
63	68	2372	2	213	0.2676056
64	57	1646	4	155	0.2645161
65	75	2254	2	942	0.2600849
66	80	274	4	710	0.2535211
67	69	2254	4	662	0.2356495
68	19	2372	1	299	0.2341137
69	72	5600	2	30	0.2333333
70	70	2664	2	44	0.2272727
71	76	162	4	125	0.216
72	78	2058	1	344	0.2093023
73	56	5500	1	684	0.1856725
74	88	1360	1	668	0.1796407
75	71	1276	2	312	0.176282
76	36	1646	3	375	0.1653333
77	12	2850	1	418	0.1626794
78	34	2058	4	292	0.1609589
79	26	162	1	163	0.1411043
80	39	4780	3	630	0.1396825
81	8	5100	2	330	0.1393939
82	50	1440	3	721	0.1386963
83	83	2664	3	334	0.1347305
84	81	1440	1	118	0.0932203
85	58	162	2	70	0.0857143
86	27	2254	5	25	0.08
87	66	1360	2	252	0.0555556
88	84	1360	4	272	0.0441176
89	85	1276	4	56	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 More Than 10 Customers

89

Add or Delete Rows as Necessary

Cap Rock Energy Corporation

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
1	7	5400	1	311	1110.405
2	58	5300	1	462	290.3182
3	70	4780	1	1044	290.181
4	4	5600	1	141	272.5461
5	36	5300	2	453	250.9735
6	1	2478	2	69	227.087
7	6	3852	2	392	211.9796
8	21	5200	1	199	210.4824
9	25	5500	2	267	210.0749
10	44	5800	1	480	174.7688
11	65	162	3	51	168.6863
12	13	5800	3	184	125.4565
13	64	5200	2	186	120.2204
14	12	3852	3	741	114.3752
15	5	3852	4	696	110.7242
16	67	1440	2	99	109.404
17	53	5100	3	319	82.30093
18	3	2478	4	31	81.16128
19	78	2254	1	831	78.27798
20	68	2664	1	118	71.28813
21	89	1360	3	407	68.21376
22	56	1276	6	728	59.0728
23	32	1646	2	303	58.88449
24	19	2664	5	195	57.86667
25	23	5100	1	609	57.13136
26	8	2478	3	86	56.77907
27	16	1646	1	184	56.375
28	22	2478	1	308	56.29546
29	50	3852	1	683	54.06442
30	18	2372	4	164	50.00611
31	34	2168	1	319	49.03448
32	63	2168	5	131	47.70991
33	66	5700	2	150	47.5
34	28	2168	2	374	46.13368
35	49	2850	3	180	43.24445
36	51	2478	5	22	42.63636
37	39	2168	3	249	41.78715
38	37	2372	3	114	41.7193
39	38	5300	3	183	40.96722
40	54	162	5	130	40.72308
41	45	566	2	246	40.68293
42	43	4780	2	897	40.15719
43	24	566	5	289	37.64706

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy Corporation

2003 SAIDI Ranking	2002 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2003 SAIDI Value
44	75	5600	2	30	37.5
45	82	274	5	148	37.02702
46	61	2254	4	662	35.67824
47	11	2850	5	116	34.9569
48	20	2058	2	353	33.51841
49	52	2372	2	213	33.00939
50	71	4780	4	548	32.9781
51	30	566	4	557	32.08078
52	59	1276	1	484	31.59504
53	41	5700	1	198	29.5404
54	60	1276	3	538	28.9145
55	48	1646	4	155	28.8258
56	17	5100	4	317	28.59937
57	46	5800	2	756	27.80821
58	15	2372	5	460	27.51522
59	14	2058	3	176	27.36363
60	33	5500	1	684	26.69591
61	31	2664	4	72	26.22222
62	76	2664	2	44	25.95454
63	42	4780	5	877	25.49601
64	26	2168	4	553	24.73599
65	62	274	1	272	23.49632
66	9	2058	4	292	23.13699
67	47	566	3	447	21.56599
68	74	2058	1	344	21.32849
69	80	274	4	710	19.95775
70	81	1360	6	401	19.89277
71	77	2254	2	942	18.42781
72	73	162	4	125	17.424
73	55	2850	1	418	15.43541
74	10	2372	1	299	15.35451
75	35	1646	3	375	13.904
76	88	1360	1	668	13.83533
77	69	1276	2	312	13.49038
78	29	162	1	163	11.84049
79	85	2664	3	334	10.62275
80	72	162	2	70	10.41429
81	27	1440	3	721	10.1068
82	57	4780	3	630	9.500002
83	86	1440	1	118	9.169491
84	2	5100	2	330	7.193939
85	79	1360	2	252	7.115079
86	83	2254	3	837	6.035842
87	40	2254	5	25	5.8
88	87	1360	4	272	5.132352
89	84	1276	4	56	0

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.

2003 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	51.22%
Vegetation	0.60%
Animals and Birds	11.89%
People (Including cars and farm equip)	16.33%
Utility-owned Equipment	17.58%
Other	0.59%
Unknown	1.79%

§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: **Cap Rock Energy Corporation**

Type Total Number of Distribution Feeders in the Cell Below

Feeders: **89**

Due: **February 14, 2004**

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

Project: **27270**

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

If you have any questions, please contact:
Mel Eckhoff, Engineering Specialist

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Commission Staff

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E-mail: <mailto:mel.eckhoff@puc.state.tx.us>