



Control Number: 36484



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2009 FEB 12 AM 11:05
PUBLIC UTILITY COMMISSION
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Service Quality Report
To The
Public Utility Commission of Texas
In Accordance With
Substantive Rule §25.81
2008 Reporting Year

Cap Rock Energy

Project 36484

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy

System SAIFI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced 2008	1.53	0.08	0.02	0.11	0.13	0.13	0.30	0.53	0.12	0.04	0.03	0.03	0.02
Scheduled 2008	0.03	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Outside Causes 2008	0.94	0.00	0.00	0.00	0.69	0.04	0.00	0.00	0.00	0.09	0.06	0.06	0.00
Major Events 2008	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

System SAIDI	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Forced 2008	113.78	6.33	1.27	6.43	13.25	17.14	32.10	14.32	10.42	3.91	2.50	4.39	1.72
Scheduled 2008	0.66	0.12	0.19	0.03	0.05	0.01	0.03	0.00	0.03	0.02	0.00	0.00	0.18
Outside Causes 2008	23.21	0.00	0.00	0.00	1.38	6.69	0.00	0.00	0.00	4.00	6.04	5.10	0.00
Major Events 2008	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

92

Add or Delete Rows as Necessary

Cap Rock Energy

2008 SAIFI Ranking	2007 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2008 SAIFI Value
1	19	2254	1	282	8.326241
2	70	1276	2	414	5.2343
3	23	2168	3	312	3.673077
4	46	566	3	418	3.504785
5	18	3852	4	884	3.001131
6	22	2478	3	107	2.971963
7	80	4780	5	769	2.681404
8	15	2478	1	375	2.672
9	3	1646	4	207	2.555556
10	86	2168	2	347	2.478386
11	6	2850	5	213	2.394366
12	16	5100	2	402	2.281095
13	33	1276	6	438	1.712329
14	91	2254	5	34	1.676471
15	69	2372	3	449	1.603563
16	43	3852	3	793	1.506936
17	2	4084	2	1194	1.464824
18	29	2058	2	195	1.45641
19	42	2058	3	176	1.443182
20	39	5300	3	179	1.396648
21	67	1440	1	127	1.393701
22	65	5300	2	637	1.33124
23	53	1276	1	630	1.322222
24	71	4084	1	983	1.314344
25	62	2254	4	785	1.296815
26	82	1956	1	97	1.268041
27	44	2058	1	353	1.260623
28	77	162	4	152	1.256579
29	45	5300	1	455	1.2
30	38	2664	1	121	1.198347
31	68	5500	2	672	1.160714
32	34	2850	3	237	1.147679
33	88	5700	1	218	1.123853
34	48	1646	3	478	1.07113
35	78	5700	2	159	1.050314
36	35	162	2	96	1.03125
37	26	2254	3	977	0.991812
38	28	162	5	130	0.938462
39	72	5800	2	702	0.716524
40	10	2372	2	251	0.665339
41	5	162	3	71	0.661972
42	90	1956	3	112	0.660714
43	40	2254	2	1064	0.646617

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy

2008 SAIFI Ranking	2007 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2008 SAIFI Value
44	4	3852	2	538	0.620818
45	32	5600	1	277	0.545126
46	76	2372	4	204	0.539216
47	37	4780	4	505	0.491089
48	25	5200	1	215	0.488372
49	79	4780	3	921	0.486428
50	13	1956	2	81	0.469136
51	87	1440	3	751	0.467377
52	64	2168	4	799	0.463079
53	49	2168	1	418	0.433014
54	21	2664	4	177	0.384181
55	51	1360	1	759	0.379447
56	12	5100	3	320	0.353125
57	50	274	1	308	0.347403
58	1	3852	1	802	0.311721
59	41	5800	1	536	0.296642
60	14	5100	1	761	0.293035
61	47	2168	5	170	0.276471
62	59	1276	3	608	0.276316
63	9	1646	1	307	0.273616
64	58	2372	1	352	0.272727
65	89	4780	1	11	0.272727
66	31	2478	2	269	0.256506
67	20	2478	4	162	0.246914
68	36	2372	5	514	0.245136
69	24	1360	4	1061	0.226202
70	27	1440	2	109	0.220183
71	61	2664	3	343	0.218659
72	75	566	5	427	0.215457
73	30	1646	2	376	0.202128
74	11	162	1	185	0.2
75	84	566	4	618	0.194175
76	17	566	2	290	0.186207
77	55	5200	2	164	0.182927
78	8	2850	1	440	0.179545
79	60	274	4	853	0.179367
80	63	274	5	249	0.15261
81	57	5100	4	187	0.128342
82	74	1360	2	327	0.119266
83	56	2478	5	27	0.111111
84	81	2664	5	172	0.104651
85	7	1360	6	900	0.1
86	52	2058	4	291	0.099656
87	66	2664	2	51	0.098039
88	73	5500	1	299	0.080268
89	85	5800	3	183	0.054645
90	93	5600	2	30	0.033333
91	83	1360	3	488	0.022541

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy

2008 SAIFI Ranking	2007 SAIFI Ranking	Substation Identification	Feeder Identification	Number of Customers	2008 SAIFI Value
92	92	1276	4	64	0.015625

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

92

Add or Delete Rows as Necessary

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2008 SAIDI Ranking	2007 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2008 SAIDI Value
1	86	2168	2	347	494.452445
2	15	2478	1	375	447.415997
3	19	2254	1	282	435.443259
4	70	1276	2	414	363.920288
5	46	566	3	418	333.110046
6	3	1646	4	207	329.806759
7	65	5300	2	637	301.904237
8	39	5300	3	179	288.184356
9	16	5100	2	402	287.922885
10	18	3852	4	884	272.348413
11	23	2168	3	312	259.83974
12	6	2850	5	213	247.516429
13	22	2478	3	107	240.616816
14	42	2058	3	176	239.051132
15	69	2372	3	449	237.244986
16	29	2058	2	195	229.641023
17	4	3852	2	538	193.589218
18	91	2254	5	34	189.088234
19	33	1276	6	438	182.616437
20	45	5300	1	455	180.42857
21	77	162	4	152	170.868417
22	72	5800	2	702	161.31054
23	67	1440	1	127	147.503935
24	43	3852	3	793	141.495584
25	68	5500	2	672	135.273808
26	34	2850	3	237	132.19831
27	44	2058	1	353	131.050989
28	28	162	5	130	124.376919
29	2	4084	2	1194	117.673365
30	80	4780	5	769	116.128737
31	38	2664	1	121	115.429748
32	62	2254	4	785	106.131209
33	82	1956	1	97	105.989689
34	53	1276	1	630	98.625395
35	48	1646	3	478	97.705019
36	1	3852	1	802	96.360346
37	90	1956	3	112	93.392855
38	10	2372	2	251	88.466134
39	64	2168	4	799	86.406756
40	71	4084	1	983	85.019327
41	76	2372	4	204	74.911761
42	49	2168	1	418	74.480858
43	26	2254	3	977	69.64176

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy

2008 SAIDI Ranking	2007 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2008 SAIDI Value
44	35	162	2	96	63.614582
45	47	2168	5	170	61.799998
46	88	5700	1	218	59.880733
47	13	1956	2	81	54.76543
48	21	2664	4	177	53.785308
49	40	2254	2	1064	51.591165
50	12	5100	3	320	47.768749
51	27	1440	2	109	44.715593
52	5	162	3	71	43.887319
53	20	2478	4	162	43.345674
54	32	5600	1	277	42.277977
55	41	5800	1	536	41.583954
56	25	5200	1	215	39.195347
57	31	2478	2	269	39.174718
58	78	5700	2	159	36.578615
59	51	1360	1	759	34.413702
60	37	4780	4	505	34.071286
61	36	2372	5	514	33.110893
62	89	4780	1	11	32.454545
63	79	4780	3	921	30.803474
64	84	566	4	618	29.930419
65	11	162	1	185	27.335134
66	75	566	5	427	26.187351
67	87	1440	3	751	25.047935
68	14	5100	1	761	23.06176
69	9	1646	1	307	22.957653
70	50	274	1	308	22.915584
71	58	2372	1	352	22.815339
72	55	5200	2	164	21.4939
73	59	1276	3	608	20.445722
74	8	2850	1	440	19.127272
75	30	1646	2	376	18.659573
76	63	274	5	249	16.606425
77	17	566	2	290	16.334482
78	61	2664	3	343	16.311952
79	24	1360	4	1061	16.077285
80	52	2058	4	291	14.371133
81	60	274	4	853	13.981242
82	74	1360	2	327	11.516819
83	66	2664	2	51	11.235293
84	81	2664	5	172	10.499999
85	57	5100	4	187	8.882352
86	56	2478	5	27	8.48148
87	7	1360	6	900	8.357778
88	73	5500	1	299	5.250836
89	85	5800	3	183	5.169398
90	93	5600	2	30	1.6
91	83	1360	3	488	1.545082

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy

2008 SAIDI Ranking	2007 SAIDI Ranking	Substation Identification	Feeder Identification	Number of Customers	2008 SAIDI Value
92	92	1276	4	64	0.640625

Service Quality Report to the Public Utility Commission of Texas

Cap Rock Energy

INTERRUPTION CAUSES

Provide the percentage of interruptions attributable to each cause.

2008 Reporting Year

Causes of Forced Interruptions	Percentage
Weather (Including Lightning)	48.52%
Vegetation	2.35%
Animals and Birds	8.64%
People (Including cars and farm equip)	3.38%
Utility-owned Equipment	27.52%
Other	2.68%
Unknown	6.91%