

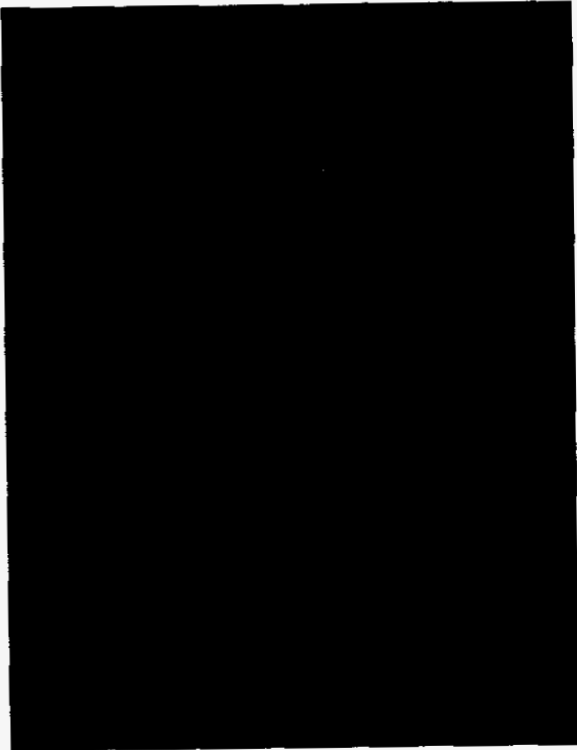
REDACTED
090002-EG

ATTACHMENT B

REDACTED

COM _____
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10881 OCT 27 8
FPSC-COMMISSION CLERK

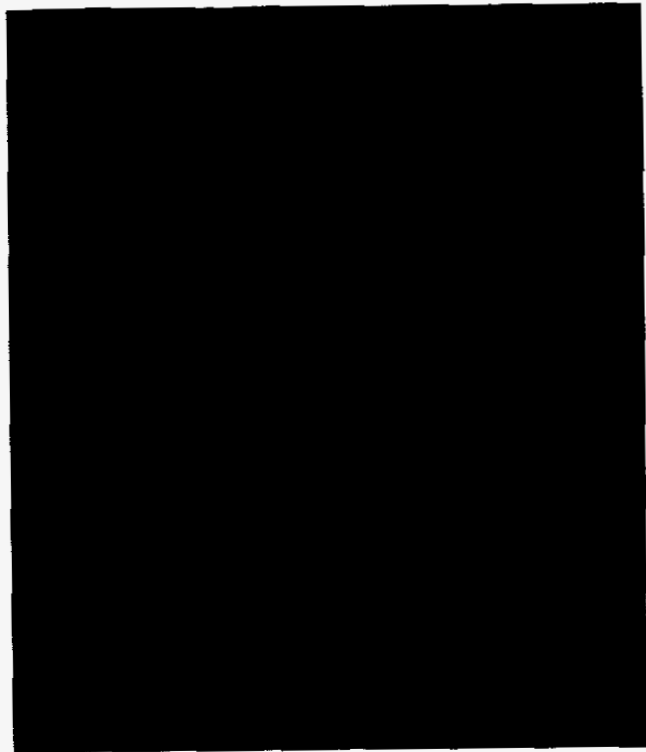


IST-1 IS CSS P/P
IST-1 P/T
IST-1 P/T
IST-1 P/T
IST-1 T/P
IST-1 T/P
IST-1 T/P

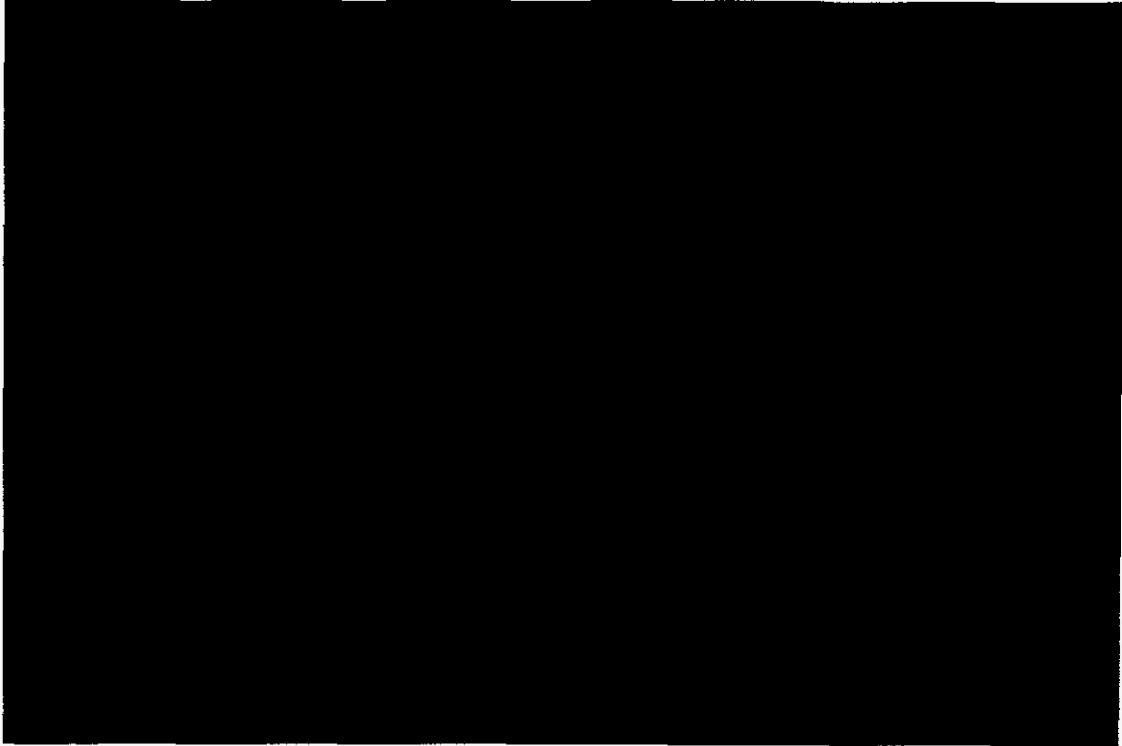
CST-1 P/P
CST-1 P/P
CST-1 P/P

SS-3 P/P

SS-2 P/P
SS-2 T/T
SS-2 T/T
SS-2 T/P



CONFIDENTIAL



379.34	0.80	4.42	1%
907.50	0.80	4.42	2%
907.50	0.80	4.42	2%
907.50	0.80	4.42	2%
379.34	0.80	4.42	1%
379.34	0.80	4.42	1%
379.34	0.80	4.42	1%

193.30	0.89	5.03	1%
193.30	0.89	5.03	1%
193.30	0.89	5.03	1%

1%

1%

2%

2%

1%

Proposed Rates - Credits

IS Credit	Proposed Rates - Credits				IS Credit LF Adj'd	Current Credits	Proposed Credit as Filed (IS-2)	% Change from current
	Cust Chg	Base Demand	Meter	CR				
3.62	470.78	3.47	1%	3.31	17,890	13,852	-22.6%	
3.62	268.21	3.47	0%	3.31	78,413	51,640	-34.1%	
3.62	268.21	3.47	0%	3.31	28,674	20,211	-29.5%	
3.62	268.21	3.47	0%	3.31	3,099	1,664	-46.3%	
3.62	268.21	3.47	0%	3.31	73,721	31,177	-57.7%	
3.62	268.21	3.47	0%	3.31	3,272	1,489	-54.5%	
3.62	268.21	3.47	0%	3.31	3,819	2,064	-46.0%	
3.62	268.21	3.47	0%	3.31	38,535	24,337	-36.8%	
3.62	268.21	3.47	0%	3.31	14,896	11,471	-23.0%	
3.62	268.21	3.47	0%	3.31	16,659	7,509	-54.9%	
3.62	470.78	8.78	1%	3.31	21,643	7,776	-64.1%	
3.62	470.78	8.78	1%	3.31	37,931	8,756	-76.9%	
3.62	470.78	8.78	1%	3.31	63,089	10,978	-82.6%	
3.62	470.78	8.78	1%	3.31	43,945	9,787	-77.7%	
3.62	470.78	8.78	1%	3.31	29,781	12,694	-57.4%	
3.62	470.78	8.78	1%	3.31	89,710	29,403	-67.2%	
3.62	470.78	8.78	1%	3.31	43,178	13,561	-68.6%	
3.62	470.78	8.78	1%	3.31	32,706	12,034	-63.2%	
3.62	470.78	8.78	1%	3.31	32,803	10,256	-68.7%	
3.62	470.78	8.78	1%	3.31	23,116	7,335	-68.3%	
3.62	470.78	8.78	1%	3.31	17,288	5,059	-70.7%	
3.62	470.78	8.78	1%	3.31	92,032	24,886	-73.0%	
3.62	470.78	8.78	1%	3.31	354,746	95,256	-73.1%	
3.62	470.78	8.78	1%	3.31	86,413	28,248	-67.3%	
3.62	470.78	8.78	1%	3.31	60,939	30,093	-50.6%	
3.62	470.78	8.78	1%	3.31	45,027	24,111	-46.5%	
3.62	470.78	8.78	1%	3.31	18,535	1,559	-91.6%	
3.62	470.78	8.78	1%	3.31	2,064	452	-78.1%	
3.62	470.78	8.78	1%	3.31	128,845	60,099	-53.4%	
3.62	470.78	8.78	1%	3.31	78,012	36,468	-53.3%	
3.62	470.78	8.78	1%	3.31	125,662	24,224	-80.7%	
3.62	470.78	8.78	1%	3.31	64,820	35,971	-44.5%	
3.62	470.78	8.78	1%	3.31	9,268	987	-89.3%	
3.62	470.78	8.78	1%	3.31	27,889	8,312	-70.2%	
3.62	470.78	8.78	1%	3.31	13,353	4,428	-66.8%	
3.62	470.78	8.78	1%	3.31	44,586	23,316	-47.7%	

3.62	470.78	8.78	1%	3.31	SS CSS	79,001	38,884	-50.8%
3.62	470.78	8.78	1%	3.31		34,663	18,401	-46.9%
3.62	470.78	8.78	1%	3.31		17,342	4,036	-76.7%
3.62	470.78	8.78	1%	3.31		7,956	4,088	-48.6%
3.62	470.78	8.78	1%	3.31		180,925	80,935	-55.3%
3.62	470.78	8.78	1%	3.31		51,746	12,704	-75.4%
3.62	470.78	8.78	1%	3.31		150,279	49,623	-67.0%
3.62	268.21	8.78	0%	3.31		6,585	4,606	-30.1%
3.62	268.21	8.78	0%	3.31		10,581	2,741	-74.1%
3.62	268.21	8.78	0%	3.31		16,572	6,378	-61.5%
3.62	268.21	8.78	0%	3.31		32,442	12,895	-60.3%
3.62	268.21	8.78	0%	3.31		24,305	11,099	-54.3%
3.62	268.21	8.78	0%	3.31		21,141	8,860	-58.1%
3.62	268.21	8.78	0%	3.31		13,626	5,089	-62.6%
3.62	268.21	8.78	0%	3.31		2,179	492	-77.4%
3.62	268.21	8.78	0%	3.31		33,340	14,178	-57.5%
3.62	268.21	8.78	0%	3.31		46,959	27,679	-41.1%
3.62	268.21	8.78	0%	3.31		36,660	10,688	-70.8%
3.62	268.21	8.78	0%	3.31		33,358	8,598	-74.2%
3.62	268.21	8.78	0%	3.31		24,663	6,922	-71.9%
3.62	268.21	8.78	0%	3.31		18,719	5,607	-70.0%
3.62	268.21	8.78	0%	3.31		20,171	5,065	-74.9%
3.62	268.21	8.78	0%	3.31		16,996	4,026	-76.3%
3.62	268.21	8.78	0%	3.31		14,494	3,713	-74.4%
3.62	268.21	8.78	0%	3.31		14,310	3,470	-75.8%
3.62	268.21	8.78	0%	3.31		9,166	2,227	-75.7%
3.62	268.21	8.78	0%	3.31		5,325	2,114	-60.3%
3.62	268.21	8.78	0%	3.31		8,214	1,919	-76.6%
3.62	268.21	8.78	0%	3.31		7,432	1,914	-74.2%
3.62	268.21	8.78	0%	3.31		7,606	1,846	-75.7%
3.62	268.21	8.78	0%	3.31		7,309	1,285	-82.4%
3.62	268.21	8.78	0%	3.31		4,963	1,014	-79.6%
3.62	1,071.88	3.47	2%	3.31		400,616	325,646	-18.7%
3.62	1,071.88	3.47	2%	3.31		486,631	360,376	-25.9%
3.62	1,071.88	3.47	2%	3.31		650,928	334,400	-48.6%
3.62	1,071.88	3.47	2%	3.31		470,841	180,614	-61.6%
3.62	1,071.88	3.47	2%	3.31		4,452	1,128	-74.7%
3.62	1,071.88	3.47	2%	3.31				
3.62	470.78	3.47	1%	3.31		318,958	263,570	-17.4%
3.62	470.78	3.47	1%	3.31		110,352	77,988	-29.3%
3.62	470.78	3.47	1%	3.31		31,695	12,769	-59.7%
3.62	470.78	3.47	1%	3.31		33,114	17,329	-47.7%
3.62	470.78	3.47	1%	3.31		19,331	11,853	-38.7%

3.62	470.78	3.47	1%	3.31	S CSS	1,004,976	776,106	-22.8%
3.62	470.78	3.47	1%	3.31		864,771	747,856	-13.5%
3.62	470.78	3.47	1%	3.31		284,464	185,323	-34.9%
3.62	470.78	3.47	1%	3.31		315,224	181,991	-42.3%
3.62	470.78	3.47	1%	3.31		257,883	151,036	-41.4%
3.62	470.78	3.47	1%	3.31		236,936	135,128	-43.0%
3.62	470.78	3.47	1%	3.31		13,418	3,027	-77.4%
3.62	470.78	3.47	1%	3.31		330,240	235,043	-28.8%
3.62	470.78	3.47	1%	3.31		136,672	95,053	-30.5%
3.62	470.78	3.47	1%	3.31		193,321	55,618	-71.2%
3.62	470.78	3.47	1%	3.31		62,616	48,340	-22.8%
3.62	470.78	3.47	1%	3.31		56,703	48,141	-15.1%
3.62	470.78	3.47	1%	3.31		23,492	18,184	-22.6%
3.62	470.78	3.47	1%	3.31		143,510	93,599	-34.8%
3.62	470.78	3.47	1%	3.31		63,641	31,336	-50.8%
3.62	470.78	3.47	1%	3.31		60,853	39,923	-34.4%
3.62	470.78	3.47	1%	3.31		29,692	12,551	-57.7%
3.62	470.78	3.47	1%	3.31		36,383	2,085	-94.3%
3.62	470.78	3.47	1%	3.31		108,546	68,422	-37.0%
3.62	470.78	3.47	1%	3.31		2,175	1,036	-52.4%
3.62	470.78	3.47	1%	3.31		88,871	67,277	-24.3%
3.62	470.78	3.47	1%	3.31		24,470	14,461	-40.9%
3.62	470.78	3.47	1%	3.31		6,343	1,245	-80.4%
3.62	470.78	3.47	1%	3.31		77,840	46,369	-40.4%
3.62	470.78	3.47	1%	3.31		154,390	101,851	-34.0%
3.62	470.78	3.47	1%	3.31		125,576	89,160	-29.0%
3.62	470.78	3.47	1%	3.31		20,256	4,762	-76.5%
3.62	470.78	3.47	1%	3.31		51,370	41,149	-19.9%
3.62	470.78	3.47	1%	3.31		94,204	67,180	-28.7%
3.62	470.78	3.47	1%	3.31		900,566	706,254	-21.6%
3.62	470.78	3.47	1%	3.31		756,074	302,757	-60.0%
3.62	470.78	3.47	1%	3.31		665,931	272,674	-59.1%
3.62	470.78	3.47	1%	3.31		6,490	4,267	-34.2%
3.62	470.78	3.47	1%	3.31		1,907	1,004	-47.4%
3.62	470.78	3.47	1%	3.31		1,226	155	-87.3%
3.62	470.78	3.47	1%	3.31		135,855	90,049	-33.7%
3.62	470.78	3.47	1%	3.31		903	310	-65.7%
3.62	470.78	3.47	1%	3.31		262	133	-49.0%
3.62	470.78	3.47	1%	3.31		80,614	36,390	-54.9%
3.62	470.78	3.47	1%	3.31		82,979	34,577	-58.3%
3.62	470.78	3.47	1%	3.31		40,952	15,919	-61.1%
3.62	470.78	3.47	1%	3.31		38,834	25,635	-34.0%
3.62	470.78	3.47	1%	3.31		59,487	31,579	-46.9%

3.62		470.78	3.47	1%	3.31	S CSS	318,844	230,044	-27.9%
3.62		1,071.88	3.47	2%	3.31		128,189	75,746	-40.9%
3.62		1,071.88	3.47	2%	3.31		13,421	7,407	-44.8%
3.62		1,071.88	3.47	2%	3.31		4,481	1,930	-56.9%
3.62		470.78	3.47	1%	3.31		1,596,873	1,001,455	-37.3%
3.62		470.78	3.47	1%	3.31		637,178	187,804	-70.5%
3.62		470.78	3.47	1%	3.31		460,697	134,778	-70.7%
2.50		240.75	3.47	1%	2.48		30,296	19,000	-37.3%
2.50		240.75	3.47	1%	2.48		63,303	37,432	-40.9%
2.50		240.75	3.47	1%	2.48		585,719	319,896	-45.4%
SB Cr	Daily CR								
0.345	0.164			1%	0.248	0.118	53,347	38,361	-28.1%
0.690	0.329			1%	0.331	0.158	68,511	32,892	-52.0%
0.690	0.329			2%	0.331	0.158	64,839	31,123	-52.0%
0.690	0.329			2%	0.331	0.158	857,714	411,911	-52.0%
0.690	0.329			1%	0.331	0.158	866,466	416,114	-52.0%

Progress Energy Florida
 Summary of Changes to IS-1 / CS-1 Credits
 As Proposed in Docket No. 090079-EI

Count	Rate Sch	Current Credits	Proposed Credit as Filed (IS-2)	% Change from Current
1	IS-1	\$ 6,585	\$ 4,606	-30%
2	IS-1	\$ 46,959	\$ 27,679	-41%
3	IS-1	\$ 64,820	\$ 35,971	-45%
4	IS-1	\$ 45,027	\$ 24,111	-46%
5	IS-1	\$ 34,663	\$ 18,401	-47%
6	IS-1	\$ 44,586	\$ 23,316	-48%
7	IS-1	\$ 7,956	\$ 4,068	-49%
8	IS-1	\$ 60,939	\$ 30,093	-51%
9	IS-1	\$ 79,001	\$ 38,884	-51%
10	IS-1	\$ 78,012	\$ 36,468	-53%
11	IS-1	\$ 128,845	\$ 60,099	-53%
12	IS-1	\$ 24,305	\$ 11,099	-54%
13	IS-1	\$ 180,925	\$ 80,935	-55%
14	IS-1	\$ 29,781	\$ 12,694	-57%
15	IS-1	\$ 33,340	\$ 14,178	-57%
16	IS-1	\$ 21,141	\$ 8,860	-58%
17	IS-1	\$ 32,442	\$ 12,895	-60%
18	IS-1	\$ 5,325	\$ 2,114	-60%
19	IS-1	\$ 16,572	\$ 6,378	-62%
20	IS-1	\$ 13,626	\$ 5,089	-63%
21	IS-1	\$ 32,706	\$ 12,034	-63%
22	IS-1	\$ 21,643	\$ 7,776	-64%
23	IS-1	\$ 13,353	\$ 4,428	-67%
24	IS-1	\$ 150,279	\$ 49,623	-67%
25	IS-1	\$ 89,710	\$ 29,403	-67%
26	IS-1	\$ 86,413	\$ 28,248	-67%
27	IS-1	\$ 23,116	\$ 7,335	-68%
28	IS-1	\$ 43,178	\$ 13,561	-69%
29	IS-1	\$ 32,803	\$ 10,256	-69%
30	IS-1	\$ 18,719	\$ 5,607	-70%
31	IS-1	\$ 27,889	\$ 8,312	-70%
32	IS-1	\$ 17,288	\$ 5,059	-71%
33	IS-1	\$ 36,660	\$ 10,688	-71%
34	IS-1	\$ 24,663	\$ 6,922	-72%
35	IS-1	\$ 92,032	\$ 24,886	-73%
36	IS-1	\$ 354,746	\$ 95,256	-73%
37	IS-1	\$ 10,581	\$ 2,741	-74%
38	IS-1	\$ 33,358	\$ 8,598	-74%
39	IS-1	\$ 7,432	\$ 1,914	-74%
40	IS-1	\$ 14,494	\$ 3,713	-74%
41	IS-1	\$ 20,171	\$ 5,065	-75%
42	IS-1	\$ 51,746	\$ 12,704	-75%
43	IS-1	\$ 9,166	\$ 2,227	-76%
44	IS-1	\$ 7,806	\$ 1,846	-76%
45	IS-1	\$ 14,310	\$ 3,470	-76%
46	IS-1	\$ 16,996	\$ 4,026	-76%
47	IS-1	\$ 8,214	\$ 1,919	-77%
48	IS-1	\$ 17,342	\$ 4,038	-77%
49	IS-1	\$ 37,931	\$ 8,756	-77%
50	IS-1	\$ 2,179	\$ 492	-77%
51	IS-1	\$ 43,945	\$ 9,787	-78%
52	IS-1	\$ 2,064	\$ 452	-78%

Progress Energy Florida
 Summary of Changes to IS-1 / CS-1 Credits
 As Proposed in Docket No. 090079-EI

Count	Rate Sch	Current Credits	Proposed Credit as Filed (IS-2)	% Change from Current
53	IS-1	\$ 4,963	\$ 1,014	-80%
54	IS-1	\$ 125,662	\$ 24,224	-81%
55	IS-1	\$ 7,309	\$ 1,285	-82%
56	IS-1	\$ 63,089	\$ 10,978	-83%
57	IS-1	\$ 9,268	\$ 987	-89%
58	IS-1	\$ 18,535	\$ 1,559	-92%
59	IST-1	\$ 318,958	\$ 263,570	-17%
60	IST-1	\$ 56,703	\$ 48,141	-15%
61	IST-1	\$ 400,616	\$ 325,646	-19%
62	IST-1	\$ 51,370	\$ 41,149	-20%
63	IST-1	\$ 900,566	\$ 706,254	-22%
64	IST-1	\$ 1,004,976	\$ 776,106	-23%
65	IST-1	\$ 62,616	\$ 48,340	-23%
66	IST-1	\$ 88,871	\$ 67,277	-24%
67	IST-1	\$ 23,492	\$ 18,184	-23%
68	IST-1	\$ 17,890	\$ 13,852	-23%
69	IST-1	\$ 486,631	\$ 360,376	-26%
70	IST-1	\$ 318,844	\$ 230,044	-28%
71	IST-1	\$ 125,576	\$ 89,160	-29%
72	IST-1	\$ 110,352	\$ 77,988	-29%
73	IST-1	\$ 864,771	\$ 747,856	-14%
74	IST-1	\$ 330,240	\$ 235,043	-29%
75	IST-1	\$ 94,204	\$ 67,180	-29%
76	IST-1	\$ 136,672	\$ 95,053	-30%
77	IST-1	\$ 28,674	\$ 20,211	-30%
78	IST-1	\$ 60,853	\$ 39,923	-34%
79	IST-1	\$ 143,510	\$ 93,599	-35%
80	IST-1	\$ 38,834	\$ 25,635	-34%
81	IST-1	\$ 135,855	\$ 90,049	-34%
82	IST-1	\$ 154,390	\$ 101,851	-34%
83	IST-1	\$ 6,490	\$ 4,267	-34%
84	IST-1	\$ 14,896	\$ 11,471	-23%
85	IST-1	\$ 108,546	\$ 68,422	-37%
86	IST-1	\$ 38,535	\$ 24,337	-37%
87	IST-1	\$ 1,596,873	\$ 1,001,455	-37%
88	IST-1	\$ 78,413	\$ 51,640	-34%
89	IST-1	\$ 19,331	\$ 11,853	-39%
90	IST-1	\$ 24,470	\$ 14,461	-41%
91	IST-1	\$ 77,840	\$ 46,369	-40%
92	IST-1	\$ 128,189	\$ 75,746	-41%
93	IST-1	\$ 284,464	\$ 185,323	-35%
94	IST-1	\$ 3,099	\$ 1,664	-46%
95	IST-1	\$ 59,487	\$ 31,579	-47%
96	IST-1	\$ 3,819	\$ 2,064	-46%
97	IST-1	\$ 33,114	\$ 17,329	-48%
98	IST-1	\$ 13,421	\$ 7,407	-45%
99	IST-1	\$ 1,907	\$ 1,004	-47%
100	IST-1	\$ 650,928	\$ 334,400	-49%
101	IST-1	\$ 63,641	\$ 31,336	-51%
102	IST-1	\$ 2,175	\$ 1,036	-52%
103	IST-1	\$ 236,936	\$ 135,128	-43%
104	IST-1	\$ 315,224	\$ 181,991	-42%

Progress Energy Florida
 Summary of Changes to IS-1 / CS-1 Credits
 As Proposed in Docket No. 090079-EI

Count	Rate Sch	Current Credits	Proposed Credit as Filed (IS-2)	% Change from Current
105	IST-1	\$ 257,883	\$ 151,036	-41%
106	IST-1	\$ 16,659	\$ 7,509	-55%
107	IST-1	\$ 80,614	\$ 36,390	-55%
108	IST-1	\$ 3,272	\$ 1,489	-54%
109	IST-1	\$ 262	\$ 133	-49%
110	IST-1	\$ 4,481	\$ 1,930	-57%
111	IST-1	\$ 29,692	\$ 12,551	-58%
112	IST-1	\$ 73,721	\$ 31,177	-58%
113	IST-1	\$ 82,979	\$ 34,577	-58%
114	IST-1	\$ 665,931	\$ 272,674	-59%
115	IST-1	\$ 31,695	\$ 12,769	-60%
116	IST-1	\$ 40,952	\$ 15,919	-61%
117	IST-1	\$ 756,074	\$ 302,757	-60%
118	IST-1	\$ 470,841	\$ 180,614	-62%
119	IST-1	\$ 903	\$ 310	-66%
120	IST-1	\$ 460,697	\$ 134,778	-71%
121	IST-1	\$ 637,178	\$ 187,804	-71%
122	IST-1	\$ 13,418	\$ 3,027	-77%
123	IST-1	\$ 193,321	\$ 55,618	-71%
124	IST-1	\$ 4,452	\$ 1,128	-75%
125	IST-1	\$ 1,226	\$ 155	-87%
126	IST-1	\$ 6,343	\$ 1,245	-80%
127	IST-1	\$ 20,256	\$ 4,762	-76%
128	IST-1	\$ 36,383	\$ 2,085	-94%
128		\$ 16,152,905	\$ 9,164,352	-43%

Progress Energy Florida
 Summary of Changes to IS-1 / CS-1 Credits
 As Proposed in Docket No. 090079-EI

Count	Rate Sch	Current Credits	Proposed Credit as Filed (IS-2)	% Change from Current
129	CST-1	\$ 30,296	\$ 19,000	-37%
130	CST-1	\$ 63,303	\$ 37,432	-41%
131	CST-1	\$ 585,719	\$ 319,896	-45%
3		<u>\$ 679,318</u>	<u>\$ 376,328</u>	-45%
132	SS-3	\$ 53,347	\$ 38,361	-28%
133	SS-2	\$ 68,511	\$ 32,892	-52%
134	SS-2	\$ 64,839	\$ 31,123	-52%
135	SS-2	\$ 857,714	\$ 411,911	-52%
136	SS-2	\$ 866,466	\$ 416,114	-52%
5		<u>\$ 1,044,410</u>	<u>\$ 514,287</u>	-51%
136		<u>\$ 17,876,633</u>	<u>\$ 10,054,967</u>	
			<u>\$ (7,821,666)</u>	

Approval Section

Coordinated By: Dana Baumann

Prepared By: R. Bombien, J. E. McCluskey, D. Baumann

Date: 3/19/2008

Approved By: Joe McCallister

Approved on: 3/19/2008

Department: RFD

Assumptions

Commodity

- 1) 2008 - 2010 Monthly Base Case gas based on market observation dated March 17, 2008
- 2) In commercial organization's consideration of the high spot price volatility and shortages of supply, a volatility market view was applied to NYMEX.
- 3) 2011 - 2028 Annual Base Case gas from PIRA and Global Insight

NATURAL GAS DISPATCH PRICES
(\$/MMBTU or \$/DT)

		Base HH			VARIABLE FGT FT	
		REGULAR SUPPLY COST	PHYSICAL BASIS FGT Z3	REGULAR SUPPLY COST Z3	FGT	
					Use/FAC	O-FGT
Apr	2008					
May	2008					
Jun	2008					
Jul	2008					
Aug	2008					
Sep	2008					
Oct	2008					
Nov	2008					
Dec	2008					
Jan	2009					
Feb	2009					
Mar	2009					
Apr	2009					
May	2009					
Jun	2009					
Jul	2009					
Aug	2009					
Sep	2009					
Oct	2009					
Nov	2009					
Dec	2009					
Jan	2010					
Feb	2010					
Mar	2010					
Apr	2010					
May	2010					
Jun	2010					
Jul	2010					
Aug	2010					
Sep	2010					
Oct	2010					
Nov	2010					
Dec	2010					
	2011					
	2012					
	2013					
	2014					
	2015					
	2016					
	2017					
	2018					
	2019					
	2020					
	2021					
	2022					
	2023					
	2024					
	2025					
	2026					
	2027					
	2028					

FGT Z3
 A. Current Yr 2008
 B. Fuel Retention
 C. 100%-B
 D. FGT Variable
 E. Esc%

FGT
 Usage Rate
 ACA
 UFS
 Total Variable

Note: It is assumed that Vandolah will be dispatched on Guffstream and Shady Hills will be dispatched on FGT. Use FGT Z3 Basis as an adder to all Henry Hub Prices for Probable, Low and High Cases.

CONFIDENTIAL

NATURAL GAS SUPPLY AND VARIABLE TRANSPORTATION COST

MONTHS BY COST

Year	Month	MONTHLY SUPPLY COST					MONTHLY TRANSPORTATION COST			MONTHLY TOTAL COST			GENERIC COST
		REGULAR SUPPLY COST	PEAK SUPPLY COST	WINTER SUPPLY COST	SPRING SUPPLY COST	FALL SUPPLY COST	U.S.A. 1	U.S.A. 2	U.S.A. 3	U.S.A. 4	U.S.A. 5	U.S.A. 6	
2000	Jan												
2000	Feb												
2000	Mar												
2000	Apr												
2000	May												
2000	Jun												
2000	Jul												
2000	Aug												
2000	Sep												
2000	Oct												
2000	Nov												
2000	Dec												
2001	Jan												
2001	Feb												
2001	Mar												
2001	Apr												
2001	May												
2001	Jun												
2001	Jul												
2001	Aug												
2001	Sep												
2001	Oct												
2001	Nov												
2001	Dec												
2002	Jan												
2002	Feb												
2002	Mar												
2002	Apr												
2002	May												
2002	Jun												
2002	Jul												
2002	Aug												
2002	Sep												
2002	Oct												
2002	Nov												
2002	Dec												
2003	Jan												
2003	Feb												
2003	Mar												
2003	Apr												
2003	May												
2003	Jun												
2003	Jul												
2003	Aug												
2003	Sep												
2003	Oct												
2003	Nov												
2003	Dec												
2004	Jan												
2004	Feb												
2004	Mar												
2004	Apr												
2004	May												
2004	Jun												
2004	Jul												
2004	Aug												
2004	Sep												
2004	Oct												
2004	Nov												
2004	Dec												

A. Current Yr
 B. Fuel Reserve
 C. 2004-5
 D. FOT Variable
 E. Gas
 FOT
 Usage Rate
 ACA
 LPI
 Total Variable

A. Current Yr
 B. Fuel Reserve
 C. 2004-5
 D. FOT Variable
 E. Gas

A. Current Yr
 B. Fuel Reserve
 C. 2004-5
 D. FOT Variable
 E. Gas
 F. 2004-5
 G. FOT Variable
 H. Gas
 I. Usage Rate
 ACA
 LPI
 Total Variable

FT Contract Summary (MMBtu/Day)
 (Includes Phase IV, Citgo Banded Deliveries FTS-2*, Seminole Release, and Gulfstream)

ESTIMATED FT
 AVAILABILITY
 (MMBTU/DAY)

Date	FGT	FGT - Cypress	FGT	Total	OSNG	Short Term	Total	Sonal	ESTIMATED FT AVAILABILITY (MMBTU/DAY)			
	Tiger Bay	FTS-2 Phase VII	Hedge						FGT	FGT FTS-1 & 2	Hedge	GNCS FTS-6
Apr-08												
May-08												
Jun-08												
Jul-08												
Aug-08												
Sep-08												
Oct-08												
Nov-08												
Dec-08												
Jan-09												
Feb-09												
Mar-09												
Apr-09												
May-09												
Jun-09												
Jul-09												
Aug-09												
Sep-09												
Oct-09												
Nov-09												
Dec-09												
Jan-10												
Feb-10												
Mar-10												
Apr-10												
May-10												
Jun-10												
Jul-10												
Aug-10												
Sep-10												
Oct-10												
Nov-10												
Dec-10												
Jan-11												
Feb-11												
Mar-11												
Apr-11												
May-11												
Jun-11												
Jul-11												
Aug-11												
Sep-11												
Oct-11												
Nov-11												
Dec-11												
Jan-12												
Feb-12												
Mar-12												
Apr-12												
May-12												
Jun-12												
Jul-12												
Aug-12												
Sep-12												
Oct-12												
Nov-12												
Dec-12												
Jan-13												
Feb-13												
Mar-13												
Apr-13												
May-13												
Jun-13												
Jul-13												
Aug-13												
Sep-13												
Oct-13												
Nov-13												
Dec-13												
Jan-14												

FT Contract Summary (MMBtu/Day)

(Includes Phase IV, Citrus Bundled Deliveries FTS-2*, Seminole Release, and Gulfstream)

ESTIMATED FT
AVAILABILITY
(MMBtu/Day)

Date	FGT	FGT - Cypress	FGT	Total		OSNG	Short Term		Total	Sonnet	ESTIMATED FT AVAILABILITY (MMBtu/Day)	
	Timer Bay	FTS-2 Phase IV	Hedge	FGT	FGT FTS-1 & 2	Hedge	Release	OSNG FTS-2	OSNG FTS-2	Seminole CTs	COMMIT	COMMIT
											FGT	Gulfstream
Feb-14												
Mar-14												
Apr-14												
May-14												
Jun-14												
Jul-14												
Aug-14												
Sep-14												
Oct-14												
Nov-14												
Dec-14												
Jan-15												
Feb-15												
Mar-15												
Apr-15												
May-15												
Jun-15												
Jul-15												
Aug-15												
Sep-15												
Oct-15												
Nov-15												
Dec-15												
Jan-16												
Feb-16												
Mar-16												
Apr-16												
May-16												
Jun-16												
Jul-16												
Aug-16												
Sep-16												
Oct-16												
Nov-16												
Dec-16												
Jan-17												
Feb-17												
Mar-17												
Apr-17												
May-17												
Jun-17												
Jul-17												
Aug-17												
Sep-17												
Oct-17												
Nov-17												
Dec-17												
Jan-18												
Feb-18												
Mar-18												
Apr-18												
May-18												
Jun-18												
Jul-18												
Aug-18												
Sep-18												
Oct-18												
Nov-18												
Dec-18												
Jan-19												
Feb-19												
Mar-19												
Apr-19												
May-19												
Jun-19												
Jul-19												
Aug-19												
Sep-19												
Oct-19												
Nov-19												
Dec-19												

FT Contract Summary (MMBtu/Day)
 (Includes Phase IV, Citrus Bundled Deliveries FTS-2, Seminole Release, and Gulfstream)

ESTIMATED IT
 AVAILABILITY
 (MMBtu/DAY)

Date	FGT	FGT - Cypress	FGT	Total	GSNG	Short Term	Total	Semit	ESTIMATED IT AVAILABILITY (MMBtu/DAY)		
	Thru Day	FTS-2 Phase VII	Hedge		FGT				Hedge	GSNG FTS-4	Release
Jan-20											
Feb-20											
Mar-20											
Apr-20											
May-20											
Jun-20											
Jul-20											
Aug-20											
Sep-20											
Oct-20											
Nov-20											
Dec-20											
Jan-21											
Feb-21											
Mar-21											
Apr-21											
May-21											
Jun-21											
Jul-21											
Aug-21											
Sep-21											
Oct-21											
Nov-21											
Dec-21											
Jan-22											
Feb-22											
Mar-22											
Apr-22											
May-22											
Jun-22											
Jul-22											
Aug-22											
Sep-22											
Oct-22											
Nov-22											
Dec-22											
Jan-23											
Feb-23											
Mar-23											
Apr-23											
May-23											
Jun-23											
Jul-23											
Aug-23											
Sep-23											
Oct-23											
Nov-23											
Dec-23											
Jan-24											
Feb-24											
Mar-24											
Apr-24											
May-24											
Jun-24											
Jul-24											
Aug-24											
Sep-24											
Oct-24											
Nov-24											
Jan-25											
Feb-25											
Mar-25											
Apr-25											
May-25											
Jun-25											
Jul-25											
Aug-25											
Sep-25											
Oct-25											
Nov-25											
Dec-25											

FT Contract Summary (MMBtu/Day)
 (Includes Phase IV, Citrus Bundled Deliveries FTS-2*, Semivoke Release, and Gulfstream)

ESTIMATED IT
 AVAILABILITY
 (MMBTU/DAY)

Date	FGT	FGT - Cypress	FGT	Total	GSHG	Short Term	Total	Spot	COMMENT		
	Tiger Bay	FTS-3 Phase IV	Hedge						FGT	FTS-1 & 2	FTS-4
Jan-26											
Feb-26											
Mar-26											
Apr-26											
May-26											
Jun-26											
Jul-26											
Aug-26											
Sep-26											
Oct-26											
Nov-26											
Dec-26											
Jan-27											
Feb-27											
Mar-27											
Apr-27											
May-27											
Jun-27											
Jul-27											
Aug-27											
Sep-27											
Oct-27											
Nov-27											
Dec-27											
Jan-28											
Feb-28											
Mar-28											
Apr-28											
May-28											
Jun-28											
Jul-28											
Aug-28											
Sep-28											
Oct-28											
Nov-28											
Dec-28											

CONFIDENTIAL

CATEGORY	CC - Conventional				CC - Duct Fired				CT190 frame			
	CCgas		CCoil		CCgas_augmented		CCoil_augmented		CT190gas		CT190oil	
	CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g_	CT190g_	CT190o_	CT190o_
DESIGN												
Nameplate Capacity (MW)												
Net Unit Capacity, MAX (MW)												
Net Unit Capacity, MIN (MW)												
Net Unit Capacity, Seasonal (MW)												
Maximum # of Units per Site												
Capacity Factor												

CAPITAL COSTS	CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g_	CT190g_	CT190o_	CT190o_
Engineering												
Procurement												
Equipment & Materials												
Furnish & Erect												
Construction												
Indirects & Fees												
Contingency												
Total Construction Cost (Thou \$)	0				0				0			
Switchyard & Infrastructure												
Start-up & Testing												
Inventories												
Land												
Other												
Sub-total	0				0				0			
Owner's Contingency												
Total Owner's Cost (Thou \$)	0				0				0			
Total Overnight Cost (Thou \$)												
Engineering	0				0				0			
Procurement	0				0				0			
Equipment & Materials	0				0				0			
Furnish & Erect	0				0				0			
Construction	0				0				0			
Indirects & Fees	0				0				0			
Contingency	0				0				0			
Total Construction Cost (Thou \$)	0				0				0			
Switchyard & Infrastructure	0				0				0			
Start-up & Testing	0				0				0			
Inventories	0				0				0			
Land	0				0				0			
Other	0				0				0			
Sub-total	0				0				0			
Owner's Contingency	0				0				0			
Total Owner's Cost (Thou \$)	0				0				0			
Total Overnight Cost (Thou \$)												
CURRENT YEAR (Y=YYYY)	2007.0		2007.0		2007.0		2007.0		2007.0		2007.0	
Construction (Thou \$)												
Engineering	0				0				0			
Procurement	0				0				0			
Equipment & Materials	0				0				0			
Furnish & Erect	0				0				0			
Construction	0				0				0			

Indirects & Fees	0		0		0	
Contingency	0		0		0	
Total Construction Cost (Thou \$)	0		0		0	
Owner's Costs (COO-yr, Thou \$)						
Switchyard & Infrastructure	0		0		0	
Start-up & Testing	0		0		0	
Inventories	0		0		0	
Land	0		0		0	
Other	0		0		0	
Sub-total	0		0		0	
Owner's Contingency	0		0		0	
Total Owner's Cost (Thou \$)	0		0		0	
Total Overnight Cost (Thou \$)						
DELTA check						
Construction (\$/kW)						
Engineering	0	0		0	0	
Procurement	0	0		0	0	
Equipment & Materials	0	0		0	0	
Furnish & Erect	0	0		0	0	
Construction	0	0		0	0	
Indirects & Fees	0	0		0	0	
Contingency/Other	0	0		0	0	
Total Construction Cost (\$/kW)	0	0		0	0	
Total Construction Cost (Thou \$)	0		0		0	
Owner's Costs (\$/kW)						
Switchyard & Infrastructure	0	0		0	0	
Start-up & Testing	0	0		0	0	
inventories	0	0		0	0	
Land	0	0		0	0	
Other	0	0		0	0	
Sub-total	0	0		0	0	
Owner's Contingency	0	0		0	0	
Total Owner's Cost (\$/kW)	0	0		0	0	
Total Owner's Cost (Thou \$)	0		0		0	
Total Overnight Cost (\$/kW)						
Total Overnight Cost (Thou \$)						
Total Capital Required (\$/kW)						
Levelized Fixed Charge Rate (%)						
Cumulative PV CC (%)						
Economic Carrying Charge, BOY (\$/kW)						

OPERATING & MAINTENANCE COSTS	CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g_	CT190g_	CT190o_	CT190o_
Fixed O&M												
Labor (Thou \$)												
Nuclear D&D (Thou \$)												
Total FO&M (Thou \$)												
Total FO&M (\$/kW)												
Variable O&M												
Nuclear Refueling (Thou \$/Yr)												
w/o Major Maintenance (\$/MWh)												
Major Maintenance >27 hrs/Start (\$/MWh)												
Major Maintenance <27 hrs/Start (\$/MWh)												
Start-up Steam Turbine/BOP (\$/MWh)												
---- PLUS ----												
Start-up Gas Turbine (\$/Start)												
Hours/Start												
S/U Gas Turbine (\$/MWh)												
Total Major Maint, hrs/Start <27 (\$/MWh)												
# Starts/Yr	(see footnotes)		(see footnotes)		(see footnotes)		(see footnotes)		(see footnotes)		(see footnotes)	
\$/Start												

HOT (0 - 8 hrs)			
WARM (9-32 hrs)			
COLD (greater than 32 hrs)			

PERFORMANCE		CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g	CT190g	CT190o	CT190o
Maint. Outage (wks/calendar-yr)													
Equiv. Forced Outage Rate (%)													
Equivalent Availability (%)													
Heat Rate, HHV (Btu/kWh, % of Load)													
Maximum Load		NA	NA	NA	NA					NA	NA	NA	NA
100%													
2x1 CC @ 85%													
75%													
2x1 CC @ 60%													
50%													
Minimum Load													

CASH FLOW		CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g	CT190g	CT190o	CT190o
Book Life (Years)													
Tax Life (Years)													
Lead Time (Years)													
Cash Flow Patterns													
Total Plant Construction Cost													
Year 1													
Year 2													
Year 3													
Year 4													
Year 5													
Year 6													
Year 7													
Year 8													
Year 9													
Year 10													
Year 11													
Owner's Costs													
Year 1													
Year 2													
Year 3													
Year 4													
Year 5													
Year 6													
Year 7													
Year 8													
Year 9													
Year 10													
Year 11													
TOTAL OVERNIGHT COSTS													
Year 1													
Year 2													
Year 3													
Year 4													
Year 5													
Year 6													
Year 7													
Year 8													
Year 9													
Year 10													
Year 11													

FOOTNOTES

FUEL	CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g	CT190g	CT190o	CT190o
------	-------	-------	-------	-------	---------	---------	---------	---------	--------	--------	--------	--------

mmBtu per Start												
HOT (0 - 8 hrs)												
100% Uranium												
100% Coal-Solid Fuel												
100% Oil / Nat Gas												
WARM (9-32 hrs)												
100% Uranium												
100% Coal-Solid Fuel												
100% Oil / Nat Gas												
COLD (greater than 32 hrs)												
100% Uranium												
100% Coal-Solid Fuel												
100% Oil / Nat Gas (for coal technologies)												

CONSTRAINTS	CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g	CT190g	CT190o	CT190o
Minimum Run Time (hrs)												
Min Down Time between Starts (hrs)												
Ramp Rate (MW/minute)												
Ramp Rate (%/minute)												
Plant Hot Start-up Time (minutes)												

EMISSIONS	CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g	CT190g	CT190o	CT190o
SO2												
Permitted Rate												
Average Rate												
Technology(s)												

NOx												
Permitted Rate												
Average Rate												
Technology(s)												

Particulates												
Permitted Rate			n/a				n/a				n/a	
Average Rate			n/a				n/a				n/a	
Technology(s)												

FINANCIAL

PMDb Reference File:

Discount Rate =
Short-term Escalation Rate =
Long-term Escalation Rate =

Debt/AFUDC
Preferred
Common
Composite Tax Rate

Overhead Rate
Property Tax
Insurance (non-nuclear)
Insurance (Nuclear)

RELIABILITY

M-Slope =

CATEGORY	CC - Conventional				CC - Duct Fired				CT190 frame			
	CCgas		CCoil		CCgas augmented		CCoil augmented		CT190gas		CT190oil	
	CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g_w	CT190g_s	CT190o_w	CT190o_s
DESIGN												
Nameplate Capacity (MW)												
Net Unit Capacity, MAX (MW)												
Net Unit Capacity, MIN (MW)												
Net Unit Capacity, Seasonal (MW)												
Maximum # of Units per Site												
Capacity Factor												

CAPITAL COSTS	CCg_w	CCg_s	CCo_w	CCo_s	CCg_A_w	CCg_A_s	CCo_A_w	CCo_A_s	CT190g_w	CT190g_s	CT190o_w	CT190o_s
Engineering												
Procurement												
Equipment & Materials												
Furnish & Erect												
Construction												
Indirects & Fees												
Contingency												
Total Construction Cost (Thou \$)	0				0				0			
Switchyard & Infrastructure												
Start-up & Testing												
Inventories												
Land												
Other												
Sub-total	0				0				0			
Owner's Contingency		0				0				0		
Total Owner's Cost (Thou \$)		0				0				0		
Total Overnight Cost (Thou \$)												
Engineering	0				0				0			
Procurement	0				0				0			
Equipment & Materials	0				0				0			
Furnish & Erect	0				0				0			
Construction	0				0				0			
Indirects & Fees	0				0				0			
Contingency	0				0				0			
Total Construction Cost (Thou \$)	0				0				0			
Switchyard & Infrastructure	0				0				0			
Start-up & Testing	0				0				0			
Inventories	0				0				0			
Land	0				0				0			
Other	0				0				0			
Sub-total	0				0				0			
Owner's Contingency	0				0				0			
Total Owner's Cost (Thou \$)	0				0				0			
Total Overnight Cost (Thou \$)												
Engineering	0				0				0			
Procurement	0				0				0			
Equipment & Materials	0				0				0			
Furnish & Erect	0				0				0			
Construction	0				0				0			
Indirects & Fees	0				0				0			
Contingency	0				0				0			
Total Construction Cost (Thou \$)	0				0				0			
Switchyard & Infrastructure	0				0				0			
Start-up & Testing	0				0				0			
Inventories	0				0				0			
Land	0				0				0			
Other	0				0				0			
Sub-total	0				0				0			
Owner's Contingency	0				0				0			
Total Owner's Cost (Thou \$)	0				0				0			
Total Overnight Cost (Thou \$)												
DELTA check												
Construction (\$/kW)	0	0			0	0			0	0		
Engineering	0	0			0	0			0	0		
Procurement	0	0			0	0			0	0		
Equipment & Materials	0	0			0	0			0	0		
Furnish & Erect	0	0			0	0			0	0		
Construction	0	0			0	0			0	0		
Indirects & Fees	0	0			0	0			0	0		
Contingency/Other	0	0			0	0			0	0		
Total Construction Cost (\$/kW)	0	0			0	0			0	0		
Total Construction Cost (Thou \$)	0				0				0			
Switchyard & Infrastructure	0	0			0	0			0	0		
Start-up & Testing	0	0			0	0			0	0		
Inventories	0	0			0	0			0	0		
Land	0	0			0	0			0	0		
Other	0	0			0	0			0	0		
Sub-total	0	0			0	0			0	0		

Owner's Contingency	0	0		0	0		0	0		0	0
Total Owner's Cost (\$/kW)	0	0		0	0		0	0		0	0
Total Owner's Cost (Thou \$)											
Total Overnight Cost (\$/kW)											
Total Overnight Cost (Thou \$)											
Total Capital Required (\$/kW)											
Levelized Fixed Charge Rate (%)											
Cumulative PV CC (%)											
Economic Carrying Charge, COY (\$/kW)											

OPERATING & MAINTENANCE COSTS	CC _{g,w}	CC _{g,s}	CC _{o,w}	CC _{o,s}	CC _{g,A,w}	CC _{g,A,s}	CC _{o,A,w}	CC _{o,A,s}	CT190 _g	CT190 _{g,s}	CT190 _o	CT190 _{o,s}
Fixed O&M												
Labor (Thou \$)												
Nuclear D&D (Thou \$)												
Total FO&M (Thou \$)												
Total FO&M (\$/kW)												
Variable O&M												
Nuclear Refueling (Thou \$/yr)												
w/o Major Maintenance (\$/MWh)												
Major Maintenance >27 hrs/Start (\$/MWh)												
Major Maintenance <27 hrs/Start (\$/MWh)												
Start-up Steam Turbine/BOP (\$/MWh)												
— PLUS —												
Start-up Gas Turbine (\$/Start)												
Hours/Start												
S/U Gas Turbine (\$/MWh)												
Total Major Maint, hrs/Start <27 (\$/MWh)												
# Starts/Yr												
\$/Start												
HOT (0 - 8 hrs)												
WARM (9-32 hrs)												
COLD (greater than 32 hrs)												

PERFORMANCE	CC _{g,w}	CC _{g,s}	CC _{o,w}	CC _{o,s}	CC _{g,A,w}	CC _{g,A,s}	CC _{o,A,w}	CC _{o,A,s}	CT190 _g	CT190 _{g,s}	CT190 _o	CT190 _{o,s}
See "1st Unit" tab.												

CASH FLOW	CC _{g,w}	CC _{g,s}	CC _{o,w}	CC _{o,s}	CC _{g,A,w}	CC _{g,A,s}	CC _{o,A,w}	CC _{o,A,s}	CT190 _g	CT190 _{g,s}	CT190 _o	CT190 _{o,s}
Book Life (Years)												
Tax Life (Years)												
Lead Time (Years)												
Cash Flow Patterns												
Total Plant Construction Cost												
Year 1												
Year 2												
Year 3												
Year 4												
Year 5												
Year 6												
Year 7												
Year 8												
Year 9												
Year 10												
Year 11												
Owner's Costs												
Year 1												
Year 2												
Year 3												
Year 4												
Year 5												
Year 6												
Year 7												
Year 8												
Year 9												
Year 10												
Year 11												
TOTAL OVERNIGHT COSTS												
Year 1												
Year 2												
Year 3												
Year 4												
Year 5												
Year 6												
Year 7												
Year 8												
Year 9												
Year 10												
Year 11												

START-UP	CC _{g,w}	CC _{g,s}	CC _{o,w}	CC _{o,s}	CC _{g,A,w}	CC _{g,A,s}	CC _{o,A,w}	CC _{o,A,s}	CT190 _g	CT190 _{g,s}	CT190 _o	CT190 _{o,s}
See "1st Unit" tab.												

CONSTRAINTS	CC _{g,w}	CC _{g,s}	CC _{o,w}	CC _{o,s}	CC _{g,A,w}	CC _{g,A,s}	CC _{o,A,w}	CC _{o,A,s}	CT190 _g	CT190 _{g,s}	CT190 _o	CT190 _{o,s}
See "1st Unit" tab.												

EMISSIONS	CC _{g,w}	CC _{g,s}	CC _{o,w}	CC _{o,s}	CC _{g,A,w}	CC _{g,A,s}	CC _{o,A,w}	CC _{o,A,s}	CT190 _g	CT190 _{g,s}	CT190 _o	CT190 _{o,s}

GAS TOLLING w/ OIL PPA with Reliant/Osceola Purchase



Prepared by: Tamara Waldmann
Date: 3/3/2008

Concurring Manager: Bob Niekum
Date: 3/3/2008

Department: RCO - Term Marketing South

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23	2024		2025		2026		2027		2028	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
[REDACTED]										

Prepared by: Connie Bruce
Date: 2/22/2008
Peer Review:
Concurring Manager: Mark Blinson
Approved on: 2/22/2008

Department: CTOPS
Based on MM Forecast: 01312008 update
Based on 10 yr plan: 02132008 update

Estimated CR 1 & 2 Delivered Rates
for Cogen Pricing Only

	<u>\$/MMBtu</u>
2008	[REDACTED]
2009	[REDACTED]
2010	[REDACTED]
2011	[REDACTED]

Use latest spot forecast for beyond 2011

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NO. 6 OIL PRICE FORECAST - FLORIDA

BASE		Anclote Plant with Transport	Bartow Plant with Transport	Suwannee Plant with Transport
Year	Month	(\$/MMBtu)	(\$/MMBtu)	(\$/MMBtu)
2008	Apr			
2008	May			
2008	Jun			
2008	Jul			
2008	Aug			
2008	Sep			
2008	Oct			
2008	Nov			
2008	Dec			
2009	Jan			
2009	Feb			
2009	Mar			
2009	Apr			
2009	May			
2009	Jun			
2009	Jul			
2009	Aug			
2009	Sep			
2009	Oct			
2009	Nov			
2009	Dec			
2010	Jan			
2010	Feb			
2010	Mar			
2010	Apr			
2010	May			
2010	Jun			
2010	Jul			
2010	Aug			
2010	Sep			
2010	Oct			
2010	Nov			
2010	Dec			
2011				
2012				
2013				
2014				
2015				
2016				
2017				
2018				
2019				
2020				
2021				
2022				
2023				
2024				
2025				
2026				
2027				
2028				

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NO. 6 OIL PRICE FORECAST - FLORIDA
(HEDGING - GC)

Year	Month	Commodity		Commodity + Transport		Volume	
		Anciote w/o Transport (\$/MMBtu)	Bartow w/o Transport (\$/MMBtu)	Anciote with Transport (\$/MMBtu)	Bartow with Transport (\$/MMBtu)	Anciote Plant (BBLs)	Bartow Plant (BBLs)
2008	Apr						
2008	May						
2008	Jun						
2008	Jul						
2008	Aug						
2008	Sep						
2008	Oct						
2008	Nov						
2008	Dec						
2009	Jan						
2009	Feb						
2009	Mar						
2009	Apr						
2009	May						
2009	Jun						
2009	Jul						
2009	Aug						
2009	Sep						
2009	Oct						
2009	Nov						
2009	Dec						
2010	Jan						
2010	Feb						
2010	Mar						
2010	Apr						
2010	May						
2010	Jun						
2010	Jul						
2010	Aug						
2010	Sep						
2010	Oct						
2010	Nov						
2010	Dec						

Redated

Confidential - CF_FL_8 OIL SPOT & HEDGING FORC_2008083109.xls

RFD
Printed on: 8/13/2009

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NO. 6 OIL PRICE FORECAST - FLORIDA
(COMMODITY - USGC)

		BASE	
Year	Month	System	System
		w/o Transport	w/o Transport
		(\$MMBtu)	(\$MMBtu)
2008	Apr		
2008	May		
2008	Jun		
2008	Jul		
2008	Aug		
2008	Sep		
2008	Oct		
2008	Nov		
2008	Dec		
2009	Jan		
2009	Feb		
2009	Mar		
2009	Apr		
2009	May		
2009	Jun		
2009	Jul		
2009	Aug		
2009	Sep		
2009	Oct		
2009	Nov		
2009	Dec		
2010	Jan		
2010	Feb		
2010	Mar		
2010	Apr		
2010	May		
2010	Jun		
2010	Jul		
2010	Aug		
2010	Sep		
2010	Oct		
2010	Nov		
2010	Dec		
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			

Redated

- Confidential - CFF Florida Oil & Gas HEDGING FORC_2008_03;

RFD
Printed on: 8/13/2009

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NO. 6 OIL PRICE FORECAST - FLORIDA
(TRANSPORT & OTHERS)

Year	Month	TRANSPORT			OTHERS			
		Anciote Plant Transport (\$/MMBtu)	Bartow Plant Transport (\$/MMBtu)	Suwannee Plant Transport (\$/MMBtu)	Anciote Plant SO2 (lbs/MMBtu)	Bartow Plant SO2 (lbs/MMBtu)	Suwannee Plant SO2 (lbs/MMBtu)	Heat Content (MMBtu/gallon)
2008	Apr							
2008	May							
2008	Jun							
2008	Jul							
2008	Aug							
2008	Sep							
2008	Oct							
2008	Nov							
2008	Dec							
2009	Jan							
2009	Feb							
2009	Mar							
2009	Apr							
2009	May							
2009	Jun							
2009	Jul							
2009	Aug							
2009	Sep							
2009	Oct							
2009	Nov							
2009	Dec							
2010	Jan							
2010	Feb							
2010	Mar							
2010	Apr							
2010	May							
2010	Jun							
2010	Jul							
2010	Aug							
2010	Sep							
2010	Oct							
2010	Nov							
2010	Dec							
2011								
2012								
2013								
2014								
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								
2025								
2026								
2027								
2028								

PROPS 2008 DATA

PLANNED MAINTENANCE CYCLES - EXISTING FOSSIL & HYDRO UNITS

<u>Units</u>	<u>Year of Next Major Overhaul</u>	<u>Duration (days) Next Major</u>	<u>Maintenance Cycle in Days/Year for each Year of Cycle</u>														
			<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>
<u>Florida Steam Units</u>																	
Anclote 1																	
Anclote 2																	
Bartow 1																	
Bartow 2																	
Bartow 3																	
Crystal River 1																	
Crystal River 2																	
Crystal River 4																	
Crystal River 5																	
Suwannee 1																	
Suwannee 2																	
Suwannee 3																	

Prepared By: **Tony Dorminey**
Date: **2/12/08**

Approved By: **Bob Lee**
Date: **2/12/08**

Instructions for Developing Pricing Assumptions for Potential Qualifying Facilities (Cogenerators and Small Power Producers) Contract Extensions

- This sheet provides general guidelines for developing pricing assumptions for potential Qualifying Facilities (Cogenerators and Small Power Producers) contract extensions. The QF pricing assumptions are for use in the development of GFF's and other studies used for internal planning purposes. These guidelines do not apply to QF assumptions included in Resource Plan (regulatory) filings.
- QF data will be updated for each GFF in accordance with SRP - Process - 019, PMDb (Planning Models Database) Update.
- RCO will provide guidance on which QF contracts should be extended for planning purposes via PMDb data submittals.
- Contract data will be used for modeling QF's during the term of the agreement. For contracts that are assumed to be extended, the Resource Planning Unit will develop the pricing assumptions to be used once the current contract expires, giving consideration to the resources that would be deferred in the current Resource Plan.
- The Generation Modeling & Analysis Unit (GM&A) will develop the pricing parameters and complete the "Pricing Assumptions" and "Contract Extension Pricing" sheets in this Excel workbook, based on the pricing assumptions provided by the Resource Planning Unit.

Escalation

- GM&A will use the Generic Unit Characteristics file from PMDb for the technology type recommended by the Resource Planning Unit. For simplicity, data taken from the Generic Unit Characteristics file will be based on a straight average of summer and winter values (for both PEC and PEF) and includes the following:
 - Economic Carrying Charge (\$/kW-Yr) is the average of the summer and winter ECC values.
 - Fixed O&M (\$/kW-Yr) is the average of the summer and winter Total FOM (excluding pipeline reservation).
- fee for
 PEC CTs escalates. Pipeline reservation fees for PEC CCs and PEF CTs and CCs do not escalate. Reference the Generic Unit Characteristics file to confirm pipeline reservation fee escalation assumptions.
 - Variable O&M (\$/MWh) is the average of the summer and winter values.
 - Heat Rate (Btu/kWh) is the average of the summer and winter full load heat rates.
- Escalation Rate (%) is taken from the PMDb Financial data element.
- The section under **Fixed Cost** calculates the total fixed cost (\$/kW-Yr) including capacity and FOM and is automatically tabulated based on the inputs described above. Ensure that escalation of the data is consistent with the years being projected.
- The section under **Energy Cost** calculates the total energy cost (\$/MWh) including fuel and Variable O&M. Fuel data entered should be consistent with the type of technology being used as the avoided unit. Fuel costs and other adders are obtained from the appropriate PMDb fuel cost data elements.

Contract Extension Pricing

- Data from the **Pricing Assumptions** sheet is used to complete the **Contract Extension Pricing** sheet for each QF contract assumed to be extended.
- The **Fixed Cost** section calculates total fixed cost (\$/Yr and Average \$/Mo) including capacity and FOM for each QF contract being extended. Ensure that the capacity (MW) for each contract is updated as needed, and ensure that pricing for the correct years is being read into the spreadsheet.
- The **Energy Cost** section calculates the total energy cost (\$/MWh) including fuel and VOM for each QF contract being extended. Ensure that pricing for the correct years is being read into the spreadsheet.

Notes

The VOM\$ calculation was corrected on 03/26/08 - last year's calculation double counted cell Q102 and R103 from the first file listed in the notes tab.

10/9/2007 by Ramesh Kalagnanam

To develop this cogen pricing forecast file, the following files are referred:

- 1 PEF_GenUnitChar_2008_0117.xls
- 2 Cogen_TECO_2008_0222.xls
- 3 FL_Cogen_2008_0222.xls
- 4 Estimated CR12 Delivered Rates_2008_0320.xls
- 5 FL_Natural Gas Spot & Hedge Forecast_2008_0222.xls
- 6 FL_Oil Costs #2 Spot & Hedge_2008_0219.xls
- 7 Financials_2008_0215_v2.xls
- 8 PEF_Coal Costs_2008_0219.xls
- 9 FL_CTCC Pipeline Res Fee_2007_1121_B&M.xls

Kept as references from 2007:

1. PEF_GenUnitChar_2007_1010_r1015.xls
2. Cogen_TECO_2007_0914.xls
3. FL_Cogen_2007_1001.xls
4. Estimated CR1&2 Delivered Rates_Apr07Frcst.xls
5. FL_Natural Gas Costs_2007_1004.xls
6. FL_Oil Costs #2_2007_1004.xls
7. Financials_2007_0918.xls
8. PEF_Coal Costs_2007_0917.xls
9. FL_CTCC Pipeline Res Fee_2007_1015_B&M.xls

QUALIFYING FACILITIES (QFs) - PRICING ASSUMPTIONS FOR CONTRACT EXTENSIONS (FLORIDA)

	<u>Win/Sum</u> <u>Average</u>	
Economic Carrying Charge (\$/kW-Yr) (1)		} 2007 \$
Beginning of Year Payment	██████████	
Fixed O&M (\$/kW-Yr)		
Labor (1)	██████████	
Pipeline Reservation	██████████	
Variable O&M (\$/MWh) (1)	██████████	

Fuel Type Natural Gas
 Fuel (\$/MMBtu) Base Cost (HH + Z3) + FGT Rates (O-FGT)

	Heat Rate Average at full load	6890
(1)	ECC Escalation Rate	2007-2009 na 2010 >
(2)	Labor & Variable O&M Escalation Rate	██████████

Fixed Cost (Capacity and FOM)

	Capacity (\$/kW-Yr)	Labor (\$/kW-Yr)	Pipeline (\$/kW-Yr)	Total (\$/kW-Yr)
2008	██████████	██████████	██████████	██████████
2009	██████████	██████████	██████████	██████████
2010	██████████	██████████	██████████	██████████
2011	██████████	██████████	██████████	██████████
2012	██████████	██████████	██████████	██████████
2013	██████████	██████████	██████████	██████████
2014	██████████	██████████	██████████	██████████
2015	██████████	██████████	██████████	██████████
2016	██████████	██████████	██████████	██████████
2017	██████████	██████████	██████████	██████████
2018	██████████	██████████	██████████	██████████
2019	██████████	██████████	██████████	██████████
2020	██████████	██████████	██████████	██████████
2021	██████████	██████████	██████████	██████████
2022	██████████	██████████	██████████	██████████
2023	██████████	██████████	██████████	██████████
2024	██████████	██████████	██████████	██████████
2025	██████████	██████████	██████████	██████████
2026	██████████	██████████	██████████	██████████

Energy Cost (Fuel and VOM)

	HH + Z3 (\$/MMBtu)	O-FGT (\$/MMBtu)	CC Avg Total (\$/MMBtu)	HR (Btu/kWh)	Fuel (\$/MWh)	Var O&M (\$/MWh)	Total (\$/MWh)
2008	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2009	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2010	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2011	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2012	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2013	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2014	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2015	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2016	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2017	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2018	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2019	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2020	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2021	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2022	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2023	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2024	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2025	██████████	██████████	██████████	██████████	██████████	██████████	██████████
2026	██████████	██████████	██████████	██████████	██████████	██████████	██████████

Prepared by: Katie Chappell
 Approved by: Tamara Waldmann

Prepared on: 3/25/2008
 Approved on: 3/26/2008

	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION
	1	2	3	4	5	6	7	8	9	10	11
AS AVAIL	PINELLAS		BAY CNTY	LFC		LAKECNTY	PASCOCTY	DADE CTY		CARGILL	
Air Basin Pointer											
Commission Month (MONTH)											
Commission Year (YEAR)											
Commitment Contribution											
Description											
Escalation Capacity Cost											
Escalation Energy Cost											
Escalation Option Fee											
Retirement Month (MONTH)											
Retirement Year (YEAR)											
Sales Accounting Flag											
Source Index Number											
Spinning Contribution (%)											
System Aggregate Pointer											
Transaction Name											
Transaction Suspended Switch											
Transaction Type											

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	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION
	12	13	14	15	16	17	18	19	20	21	22
	LKECOGN	PASCOGN	ROYSTER	ORLANDO	ELDORADO	MULBERRY	RIDGEGEN	APPASAVL	20	ORANGE	
Air Basin Pointer											
Commission Month (MONTH)											
Commission Year (YEAR)											
Commitment Contribution											
Description											
Escalation Capacity Cost											
Escalation Energy Cost											
Escalation Option Fee											
Retirement Month (MONTH)											
Retirement Year (YEAR)											
Sales Accounting Flag											
Source Index Number											
Splitting Contribution (%)											
System Aggregate Pointer											
Transaction Name											
Transaction Subperiod Switch											
Transaction Type											

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	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	
	23	24	25	26	27	28	29	30	31	32	33
Air Basin Pointer				BIDM EG	BG&E	BG&E2		OSC	OSCREL		
Commission Month (MONTH)											
Commission Year (YEAR)											
Commitment Contribution											
Description											
Escalation Capacity Cost											
Escalation Energy Cost											
Escalation Option Fee											
Retirement Month (MONTH)											
Retirement Year (YEAR)											
Sales Accounting Flag											
Source Index Number											
Spinning Contribution (%)											
System Aggregate Pointer											
Transaction Name											
Transaction Subperiod Switch											
Transaction Type											

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	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION	TRANSACTION
	34	35	36	37	38	39	40
	Sum08Car	Sum08RCI	36 VandoRet	Sum15Pur			40:CAP PURC
Air Basin Pointer							
Commission Month (MONTH)							
Commission Year (YEAR)							
Commitment Contribution							
Description							
Escalation Capacity Cost							
Escalation Energy Cost							
Escalation Option Fee							
Retirement Month (MONTH)							
Retirement Year (YEAR)							
Sales Accounting Flag							
Source Index Number							
Spinning Contribution (%)							
System Aggregate Pointer							
Transaction Name							
Transaction Subperiod Switch							
Transaction Type							

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Annual Fixed Cost (\$) No. in Str as of 3/31/06

MW	No.	Biomass													TOTAL	BQ&E 12/31/2031	BQ&E 6/2011- 12/31/2031
		29	10	9	16	7	11	5	17	18	13	8	12	2			
Group		CARGILL	DADE CNTY RES REC	EL DORADO (APP)	LAKE CNTY RES REC	LAKE COGEN	LFC MAD/JEFF (APP)	MULB ENERGY (PPP)	ORANGE COGEN (CFR-BIO)	ORLANDO COGEN	PASCO CNTY RES REC	PASCO COGEN	PINELLAS CNTY RES REC	RIDGE GENERATIN G STA.	ROYSTER (PPP)		
116	16	43	114.2	12.8	110	17	79.2	74	79.2	23	100	54.8	39.6	30.8	618	75	75
2007																	
2008																	
2009																	
2010																	
2011																	
2012																	
2013																	
2014																	
2015																	
2016																	
2017																	
2018																	
2019																	
2020																	
2021																	
2022																	
2023																	
2024																	
2025																	
2026																	

Average Fixed Cost per Month (\$) No. in Str as of 3/31/06

MW	No.	Biomass													TOTAL	BQ&E 12/31/2031	BQ&E 6/2011- 12/31/2031
		9	16	7	11	5	17	18	13	8	12	2	14	18			
Group		CARGILL	DADE CNTY RES REC	EL DORADO (APP)	LAKE CNTY RES REC	LAKE COGEN	LFC MAD/JEFF (APP)	MULB ENERGY (PPP)	ORANGE COGEN (CFR-BIO)	ORLANDO COGEN	PASCO CNTY RES REC	PASCO COGEN	PINELLAS CNTY RES REC	RIDGE GENERATIN G STA.	ROYSTER (PPP)		
116	16	43	114.2	12.8	110	17	79.2	74	79.2	23	100	54.8	39.6	30.8	618	75	75
2007																	
2008																	
2009																	
2010																	
2011																	
2012																	
2013																	
2014																	
2015																	
2016																	
2017																	
2018																	
2019																	
2020																	
2021																	
2022																	
2023																	
2024																	
2025																	
2026																	

Energy Cost (\$/MWh) No. in Str as of 3/31/06

MW	No.	Biomass													TOTAL	BQ&E 12/31/2031	BQ&E 6/2011- 12/31/2031
		9	16	7	11	5	17	18	13	8	12	2	14	18			
Group		CARGILL	DADE CNTY RES REC	EL DORADO (APP)	LAKE CNTY RES REC	LAKE COGEN	LFC MAD/JEFF (APP)	MULB ENERGY (PPP)	ORANGE COGEN (CFR-BIO)	ORLANDO COGEN	PASCO CNTY RES REC	PASCO COGEN	PINELLAS CNTY RES REC	RIDGE GENERATIN G STA.	ROYSTER (PPP)		
116	16	43	114.2	12.8	110	17	79.2	74	79.2	23	100	54.8	39.6	30.8	618	75	75
2007																	
2008																	
2009																	
2010																	
2011																	
2012																	
2013																	
2014																	
2015																	
2016																	
2017																	
2018																	
2019																	
2020																	
2021																	
2022																	
2023																	
2024																	
2025																	
2026																	

Costs in blue are for the extension period
Costs in green denote a partial year's contract pricing and remainder of year at extension pricing

Note: All other contracts, (cflus, ecopest, flcrush, genpest, joffe and stjeffor) are aggregated and assumed to fall into the total as-available category.
As Available contracts energy rate to be based on marginal cost.

Prepared by: Kate Chappell Prepared on: 3/25/2008
Approved by: Tamara Waldman Approved on: 3/26/2008

*** BILLING PLANS**

* REPLACE - RECEIVES REPLACEMENT ENERGY COST (TBIL CALCULATION)

* FIRM - RECEIVES FIRM ENERGY PAYMENT ON THE TECS CARD

* LESSER - RECEIVES THE LESSER OF THE COGEN'S REPLACEMENT
* COST (TBIL) AND THE FIRM PAYMENT (TECS)

* COALCK - SELECTS THE GREATER OF FPC COAL OR COAL FLOOR

• MONTHLY CAPACITY PAYMENTS

* OLD RULE - $\$/KW/MO * (NET MW * 1000) * CAPACITY DISCOUNT FACTOR$

* NEW RULE - $\$/KW/MO * (NET MW * 1000) * CAPACITY DISCOUNT FACTOR * (CONTRACT CF / 83)$

ENERGY PAYMENTS

AS-AVAIL - REPLACEMENT ENERGY COST

92 COAL - TECO * 10,500 HEATRATE

95 COAL - REPLACEMENT COST (UNTIL 1995)
TECO * 9,790 HEATRATE (BEGIN 1995)

97 CT - [FPC DISTILLATE=(Bartow CT actual)] * 11,610 HEATRATE + O&M ADDER

91 COAL :

"A" PREFIX - FPC COAL * 9,830 HEATRATE + O&M ADDER

"B" PREFIX - FPC COAL * 9,830 HEAT RATE

"C" PREFIX - FPC COAL * 80% * 9,830 HEATRATE

"E" PREFIX - (COALCK * 9830 HEATRATE + O&M @CPI) *
(16 + (DISCOUNT RATE * 8)) / 24

"F" PREFIX - (COALCK * 9830 HEATRATE + O&M @4.5%) *
(11 + (DISCOUNT RATE * 13)) / 24

"G" PREFIX - (COALCK * 9830 HEATRATE + O&M SCH-A) *
(11 + (DISCOUNT RATE * 13)) / 24

"H" PREFIX - COALCK * 9830 HEATRATE (NO O&M)

"X" PREFIX - FPC COAL * 9652 HEATRATE (CFR ONLY)

Where, FPC COAL = PEF CR1 &2 actual/delivered coal price.

COGENERATION DATABASE

COGENERATOR	IN SERVICE Facility	NET MW	CAPACITY PAYMENTS		REPLACE	ENERGY BILLING PLAN	FIRM ENERGY PAYMENT	ENERGY & CAP. PAYMENT BASIS	CAP. PAYMENT DISCOUNT FACTOR	CAP. PROG.	NEGOTIATED CURTAILMENT	Comments	Maintenance Outages	OnPeak Per Cogen Hrs CAPACITY FACTOR EST. CON.		
			BEGN Year Month	END Year Month										EST.	CON.	
COGEN 1 AS-AVAILABLE	1980 1 Various	6							1	100		Extend with theoretical CC AVOIDED UNIT: JEFF - CITW + PCS NW	unknown	40	40	
COGEN 2 PINELLAS CNTY RES REC	1986 6 Manu-Was	54.8	1995	1 2024 31	12	LESSER	95 COAL	OLD-1	1	100	On-line 24/7;	Multi-Waste Extend beyond Termination Date		80	70	
COGEN 5 LFL MADISON (APP)	1989 8 NGCC	8.9	1995	1 2013 31	12	LESSER	95 COAL	OLD-4	1	100	Use COGEN 16.	Extend with theoretical CC AVOIDED UNIT	see 16	90	70	
COGEN 6 LFC JEFFERSON (APP)	1980 8 NGCC	8.5	1995	1 2013 31	12	LESSER	95 COAL	OLD-6	1	100	Use COGEN 16.	Extend with theoretical CC AVOIDED UNIT	see 16	90	70	
COGEN 7 LAKE CNTY RES REC	1990 9 Manu-Was	12.8	1995	1 2014 30	8	LESSER	95 COAL	OLD-1	1	100	On-line 24/7;	Multi-Waste Extend beyond Termination Date	3/4-27/2007; 12 days Mar., Apr., or May 10/22 - 11/11/07 = 10 days typically in March and October	72	70	
COGEN 8 PASCO CNTY RES REC	1991 3 Manu-Was	23	1995	1 2024 31	12	LESSER	95 COAL	OLD-1	1	100	On-line 24/7;	Multi-Waste Extend beyond Termination Date		78	70	
COGEN 9 DADE CNTY RES REC	1991 11 Manu-Was	43	1991	11 2013 30	11	LESSER	91 COAL	A-NORMAL	1	100	On-line 24/7;	Multi-Waste Extend beyond Termination Date		78	83	
COGEN 10 CARROLL	1992 10 Waste Mts	15	1992	10 2007 31	12	LESSER	91 COAL	C-SEMI.	1	100	On-line 24/7;			90	85	
COGEN 11 LAKE COGEN	1993 7 NGCC	110	1999	7 2013 31	7	FIRM	91 COAL	A-LAKE	1	100		Beginning 10/15/03, On-line at full output: 12/18 - 3/15 = 8s; 3/18 - 5/31 = 11s - 10p; 6/1 - 10/15 = 12p - 11p; 10/18 - 12/15 = 11s - 10p. Ramp to half capacity one hour before and one hour after on-line times each day. - Cycles off at night.	7 days March and November. Allowed 45 days per year 3/1-3/24/2007 & 11/4-6/20/07. Typically 30 days in March.	95	90	
COGEN 12 PASCO COGEN ORLANDO COGEN	1993 7 NGCC 1993 10 NGCC	109 79.2	1999	7 2008 31	12	COALCK	91 COAL	H-PASCO	1	100	On-line 24/7.	Coming off each night 2300-1000 during Aug-Nov; 2300-0900 Dec-Mar; reduces to ~30 MW Dec - late mid-day, no cold start.	WILL NOT BE RENEWED. Extend with theoretical CC AVOIDED UNIT		93	90
COGEN 14 RIDGE GENERATING STA.	1994 5 Waste Mts	39.8	1994	5 2023 31	12	COALCK	91 COAL	G-RIDGE	1	100	On-line 24/7.	Extend with theoretical CC AVOIDED UNIT		98	93	
COGEN 15 AS-AVAILABLE (APP)	1994 7 NGCC	18.8	1994	7 2009 9	8	LESSER	91 COAL	C-NORMAL	1	100	On-line 24/7.	Extend with theoretical CC AVOIDED UNIT	see 16	80	45	
COGEN 16 EL DORADO (APP)	1994 7 NGCC	114.2	1994	7 2013 31	12	COALCK	91 COAL	E-NORMAL	0.875	100	On-line at full output: 11/1 - 3/31 = 8s - 10p; 4/1 - 10/31 = 11s - 10p; Ramp to half capacity one hour before and one hour after on-line times each day. Cycles off at night.	Extend with theoretical CC AVOIDED UNIT	5 days in October	92	92	
COGEN 17 MULBERRY ENERGY (PPP)	1994 7 NGCC	79.2	1994	7 2024 8	8	LESSER	91 COAL	C-NORMAL	1	100	On-line at full output: 11/1 - 3/31 = 8s - 10p; 4/1 - 10/31 = 10s - 11p; Ramp to half capacity one hour before and one hour after on-line times each day. Cycles off at night.	Extend with theoretical CC AVOIDED UNIT	see 17	85	90	
COGEN 18 ROYSTER (PPP)	1994 7 NGCC	30.8	1994	7 2009 9	8	LESSER	91 COAL	C-NORMAL	0.875	100	On-line at full output: 11/1 - 3/31 = 8s - 10p; 4/1 - 10/31 = 10s - 11p; Ramp to half capacity one hour before and one hour after on-line times each day.	High probability of renewal	Typically 14 days in late October	85	85	
COGEN 18 ORANGE COGEN (CPR-BIOGEN)	1995 8 NGCC	74	1995	8 2025 31	12	LESSER	91 COAL	X-NORMAL	0.88	100		Extend with theoretical CC AVOIDED UNIT		82	90	
COGEN 21 JEFFERSON POWER	2002 7 Waste Wt	5								24/7	Included in Cogen 1 above	unknown	n/a	n/a		
COGEN 23 GENORAN POWER (L-3-CO)	1995 1	171.8	1995	1 2024 12	12	LESSER	95 COAL	OLD-2	1	100				75	75	
COGEN 24 YAL	1995 1	6	1995	1 2004 12	12	LESSER	95 COAL	OLD-2	1	100				80	70	
COGEN 26 EC	2001 1	40.2	1995	7 2025 12	12	LESSER	91 COAL	C-NORMAL	1	100				75	85	
COGEN 26 PAJ	2020 1	74.9	2001	1 2018 12	12	LESSER	97 CT	97-CT	1	100				90	90	
COGEN 27 PAJ	2020 1	40	2015	1 2024 12	12	LESSER	95 COAL	NONE	1	100				75	75	
COGEN 28 Q2-Energy	2008 4 Land-Fill	44	2008	8 2022 31	10	FIRM	31.76 \$/MWH	\$6.08/MWH-2.5%/year	400	24/7		Outaged On-line 6/08 - May continue to improve unit.	unknown	80	80	
COGEN 29 Bioheat Energy Group	2011 12	119	2011	12 2034 31	12	Firm	31.58/MWH	see comments	100	24/7	Unit has and must run	\$1.38/MWH is in 2008 dollars gets CPI applied thereafter \$2.23/MWH one time payment is in 2008 dollars and has an ECI equivalent then is added to the \$4.38 AVOIDED Gas cost is per Photo - P&T Zones, (C) (b)(2) Reserve Energy Usage/ Contract Chg.	unknown	85	85	
COGEN 30 BOLE	2011 4	72	2011	1 2031 31	12	Firm	32.53/MWH	see comments for schedule	100	24/7	Unit has and must run	Estimated includes firm capacity. Excluding at 1.5% per year.	unknown			

Please assume that all PEP CP contracts are renewed throughout study period, and the revenues will occur at prices that reflect our three-current avoided costs, rather than existing contract prices.
 Please see Site Values for further details regarding the "averaged" short-current avoided costs associated with PEP.

BILLING PLAN	ENERGY PAYMENTS
REPLACE - RECEIVES REPLACEMENT ENERGY COST (TBE) CALCULATION	AS-AVAL - REPLACEMENT ENERGY COST
FIRM - RECEIVES FIRM ENERGY PAYMENT ON THE TERC CARD	92 COAL - TERC * 16,500 HEATRATE
LESSER - RECEIVES THE LESSER OF THE COGEN'S REPLACEMENT COST (TBE) AND THE FIRM PAYMENT (TERC)	95 COAL - REPLACEMENT COST (UNTIL 1995) TECO * 9,790 HEATRATE (BEHAV 1995)
COALCK - SELECTS THE GREATER OF FPC COAL OR COAL FLOOR	97 CT - (FPC DISTILLATE*(Below CT actual) * 11,810 HEATRATE + O&M ADDER
MONTHLY CAPACITY PAYMENTS	91 COAL :
OLD RULE - SIKWAO * (NET MW * 1000) * CAPACITY DISCOUNT FACTOR	A' PREFIX - FPC COAL * 9,830 HEATRATE + O&M ADDER B' PREFIX - FPC COAL * 9,830 HEAT RATE C' PREFIX - FPC COAL * 9,830 HEATRATE D' PREFIX - (COALCK * 9830 HEATRATE + O&M @CPI) * (1 + (DISCOUNT RATE * 8)) / 24 E' PREFIX - (COALCK * 9830 HEATRATE + O&M @ 2%) * (1 + (DISCOUNT RATE * 13)) / 24 F' PREFIX - (COALCK * 9830 HEATRATE + O&M SCHAL) * (1 + (DISCOUNT RATE * 13)) / 24 G' PREFIX - (COALCK * 9830 HEATRATE + O&M SCHAL) * (1 + (DISCOUNT RATE * 13)) / 24 H' PREFIX - COALCK * 9830 HEATRATE (NO O&M) I' PREFIX - FPC COAL * 9852 HEATRATE (CPR ONLY) Where, FPC COAL = PEF DR1 82 actual shared cost price.
NEW RULE - SIKWAO * (NET MW * 1000) * CAPACITY DISCOUNT FACTOR * (CONTRACT CF / 83)	

Prepared by: Tamara Waldmann
Date: 7/24/07

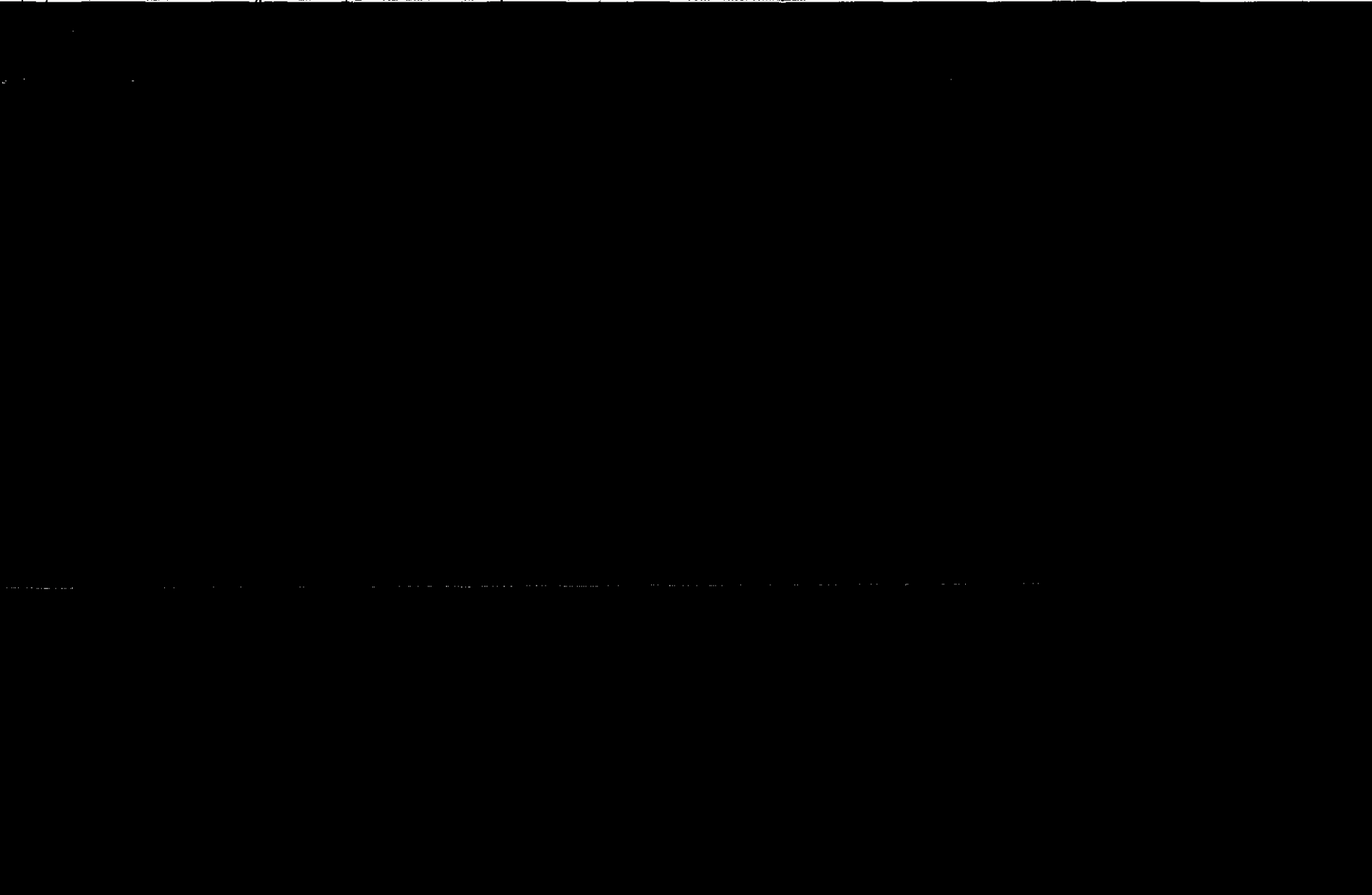
Concurring Manager: Bob Nelson
Approved on: 7/24/07

Department: RCO Term Marketing South

CONFIDENTIAL (entire document)

CONFIDENTIAL (entire document)

Clt. (SAS #)	QUALIFYING FACILITY	IN SERVICE	Type	NET MW	Overall Cap'ac	Capacity Payments				ENERGY BILLING PLAN	FIRM ENERGY PYMNT	ENERGY & CAP. PYMNT BASIS	CAP. CONFIDENTIAL PYMNT DSCNT FCTR	CAP. NEGOTIATED PROB. CURTAILMENT	Comments	Maintenance Outage	CAPACITY FACTOR EST. CDW.
						BEGIN Year	Month	END Year	Day Month								



**PEAKING UNIT VARIABLE OPERATIONS COST
(EXCLUDING FUEL)
ACCRAAL REQUIREMENT RATES**

TYPE		UNSCHEDULED OUTAGE O&M	MAJOR MAINTENANCE O&M	VARIABLE OPERATING O&M	MAJOR MAINTENANCE CAPITAL	UNSCHEDULED OUTAGE CAPITAL
	AERODERIVATIVE -\$/HOUR					
GG4A-4	AVON PARK					
FT4C-1LF	BAYBORO					
GC4P-4	HIGGINS					
FT4C-1DLF	INT CITY 1-6					
FT4C-3F	SUWANNEE					
	HEAVY FRAME - \$/START					
GE 7B	BARTOW 1&3					
GE 7B	BARTOW 2&4					
GE 7B	DEBARY 1-6					
GE 7EA	DEBARY 7-9					
GE 7EA	DEBARY 10					
GE 7EA	INT CITY 7-10					
SIEMEN V84.3	INT CITY -11					
GE 7EA	INT CITY 12-14					
GE FRAME 5	RIO PINAR					
GE FRAME 5	TURNER 1&2					
W501B	TURNER 3&4					
	HEAVY FRAME - \$/HOUR					
	BARTOW 1&3					
	BARTOW 2&4					
	DEBARY 1-6					
	DEBARY 7-9					
	DEBARY 10					
	INT CITY 7-10					
	INT CITY -11					
	INT CITY 12-14					
	RIO PINAR					
	TURNER 1&2					
	TURNER 3&4					

Prepared by: Greg Hart
Date: 9/5/2006

Concurring Manager: Mark Blinson (David Saad covering)
Approved on: 9/7/2006

Department: CTOPS-Fleet Decision and Analysis

Last Updated: 9/7/2006
Printed On: 8/13/2009

**COMBINED CYCLE UNIT VARIABLE OPERATING COST
(EXCLUDING FUEL)
ACCRUAL REQUIREMENT RATES - \$/HOUR**

TYPE		UNSCHEDULED OUTAGE O&M	MAJOR MAINTENANCE O&M	VARIABLE OPERATING O&M	UNSCHEDULED OUTAGE CAPITAL	MAJOR MAINTENANCE CAPITAL
W501C (2on1)	HINES					
GE7FA(1on1)	TIGER BAY					
GE LM-6000 (COGEN)	UF					

Prepared by: Greg Hart
Date: 9/5/2006

Concurring Manager: Mark Blinson (David Saad covering)
Approved on: 9/7/2006

Department: CTOPS-Fleet Decision and Analysis

Last Updated: 9/7/2006
Printed on: 8/13/2009

FLORIDA GENERIC UNIT ASSUMPTIONS

CT F-FRAME

- RFD 1) Interstate pipeline rates are based upon indicative rates received from Sonat, Gulfstream, and FGT on November 2007.
- RFD 2) Release capacity is not available over the peak season because FGT & Gulfstream are fully subscribed. Therefore, CT costs now assume annual firm capacity required to run incremental CTs on gas.
- RFD 3) LDC/Pipeline costs associated with M&R stations and laterals are capital costs to be paid up front. Compression and land costs are included in the demand rate cost. M&R capital costs are to include a Tax Gross-up calculation. FGT Tax Gross-up Factor = 34.93% & GNGS Tax Gross-up Factor = 36%. Mainline incremental capital costs may be included or rolled into long term FTS-2 rates with FGT's approval.
- RFD 4) Demand rate at max tariff rate; therefore, escalation rate of 0% is assumed until a tariff rate case change.
- TOP-FL 5) Unit capacities and heat rates are from PEF_GenUnitChar_2008_TBD.xls

CC

- RFD 1) Interstate pipeline rates are based upon indicative rates received from Sonat, Gulfstream, and FGT on November 2007.
- RFD 2) LDC/Pipeline costs associated with M&R stations and laterals are capital costs and are assumed to be rolled into the rates. Compression and land costs are included in the demand rate cost. See Tax Gross-up notes in CT F-Frame Note "4".
- RFD 3) Demand rate at max tariff rate; therefore, escalation rate of 0% is assumed until a tariff rate case change.
- TOP-FL 4) Unit capacities and heat rates are from PEF_GenUnitChar_2008_TBD.xls

Coordinated By: Dana Baumann
Prepared By: John Trimble
Date: 2/19/2008
Concurring Manager: Joe McCallister
Approved on: 2/19/2008
Department: RFD

Prepared By: Leslie Smith
Date: 5/22/2008
Concurring Manager: Preston Pierce
Approved on:
Department: TOP-FL

FLORIDA GENERIC 2x1CCgas - 5000F Unfired

Unit Rating (MW)		Full Load Heat Rate	
Summer	535	Summer	6,944
Winter	599	Winter	6,884
Fuel Type		Pipeline Fee Escalation Rate	
Primary	Natural Gas		0.00%
Secondary	No. 2 Oil		
Fuel Consumption		Season	
	<u>Strategist</u>	May-October	Summer
Natural Gas	100%	November-March	Winter
No. 2 Oil	0%	April	Winter
Pipeline Accessibility		Reservation Charge Cost Allocation (\$)	
FGT		Monthly	
Pipeline Demand Charge			
Florida			

PIPELINE FIXED FEE CALCULATION

	Heat Rate (btu/kwh)	Capacity (MW)	Pipeline Hourly Rights (%)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/kW-Yr)
Jan-Dec	6,884	X							

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By: Dana Baumann
Prepared By: John Trimble
Date: 2/19/2008
Approved by: J. McCallister
Approved on: 2/19/2008
Department: RFD

Prepared By: Leslie Smith
Date: 4/25/2008
Concurring Manager: Preston Pierce
Approved on: 4/25/2008
Department: TOP-FL

FLORIDA GENERIC 2x1CCgas - 5000F Fired

Unit Rating (MW)		Full Load Heat Rate	
<i>Summer</i>	610	<i>Summer</i>	7,104
<i>Winter</i>	668	<i>Winter</i>	7,066
Fuel Type		Pipeline Fee Escalation Rate	
<i>Primary</i>	Natural Gas	0.00%	
<i>Secondary</i>	No. 2 Oil		
Fuel Consumption		Season	
	<u>Strategist</u>	<i>May-October</i>	Summer
<i>Natural Gas</i>	100%	<i>November-March</i>	Winter
<i>No. 2 Oil</i>	0%	<i>April</i>	Winter
Pipeline Accessibility		Reservation Charge Cost Allocation (\$)	
FGT		Monthly	
Pipeline Demand Charge			
Florida			

PIPELINE FIXED FEE CALCULATION

	Heat Rate (btu/kwh)		Capacity (MW)	Pipeline Hourly Rights (%)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/kW-Yr)
Jan-Dec	7,068	X								

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By:	Dana Baumann	Prepared By:	Leslie Smith
Prepared By:	John Tramble	Date:	5/22/2008
Date:	2/19/2008	Concurring Manager:	Preston Pierce
Approved by:	J. McCallister	Approved on:	
Approved on:	2/19/2008	Department:	TOP-FL
Department:	RFD		

FLORIDA GENERIC 2x1CCgas - 7FA Unfired

Unit Rating (MW)		Full Load Heat Rate	
Summer	484	Summer	6,926
Winter	530	Winter	6,900
Fuel Type		Pipeline Fee Escalation Rate	
Primary	Natural Gas	0.00%	
Secondary	No. 2 Oil		
Fuel Consumption		Season	
	<u>Strategist</u>	May-October	Summer
Natural Gas	100%	November-March	Winter
No. 2 Oil	0%	April	Winter
Pipeline Accessibility		Reservation Charge Cost Allocation (\$)	
FGT		Monthly	
Pipeline Demand Charge			
Florida			

PIPELINE FIXED FEE CALCULATION

	Heat Rate (btu/kwh)	Capacity (MW)	Pipeline Hourly Rights (%)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/kW-Yr)
Jan-Dec	6,900	X							

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By:	Dana Baumann	Prepared By:	Leslie Smith
Prepared By:	John Trimble	Date:	4/25/2008
Date:	2/19/2008	Concurring Manager:	Preston Pierce
Approved by:	J McCallister	Approved on:	4/25/2008
Approved on:	2/19/2008	Department:	TOP-FL
Department:	RFD		

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FLORIDA GENERIC 2x1CCgas - 7FA Fired

Unit Rating (MW)
Summer 559
Winter 603

Full Load Heat Rate
Summer 7,130
Winter 7,118

Fuel Type
Primary Natural Gas
Secondary No. 2 Oil

Pipeline Fee Escalation Rate
 0.00%

Fuel Consumption
Strategist
Natural Gas 100%
No. 2 Oil 0%

Season
 May-October Summer
 November-March Winter
 April Winter

Pipeline Accessibility
 FGT

Reservation Charge Cost Allocation (\$)
 Monthly

Pipeline Demand Charge
 Florida

PIPELINE FIXED FEE CALCULATION

	Heat Rate (btu/kwh)	Capacity (MW)	Pipeline Hourly Rights (%)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/kW-Yr)
Jan-Dec	7,118	X							

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By: Dana Baumann
Prepared By: John Trimble
Date: 2/19/2008
Approved by: J McCallister
Approved on: 2/19/2008
Department: RFD

Prepared By: Leslie Smith
Date: 5/22/2008
Concurring Manager: Preston Pierce
Approved on:
Department: TOP-FL

FLORIDA GENERIC 3x1CCgas - 501G Unfired

Unit Rating (MW)		Full Load Heat Rate	
<i>Summer</i>	1064	<i>Summer</i>	6.700
<i>Winter</i>	1212	<i>Winter</i>	6.703
Fuel Type		Pipeline Fee Escalation Rate	
<i>Primary</i>	Natural Gas	0.00%	
<i>Secondary</i>	No. 2 Oil		
Fuel Consumption		Season	
	<u>Strategist</u>	May-October	Summer
<i>Natural Gas</i>	100%	November-March	Winter
<i>No. 2 Oil</i>	0%	April	Winter
Pipeline Accessibility		Reservation Charge Cost Allocation (\$)	
FGT		Monthly	
Pipeline Demand Charge			
Florida			

PIPELINE FIXED FEE CALCULATION

	<u>Heat Rate</u> <small>(btu/kwh)</small>		<u>Capacity</u> <small>(MW)</small>	<u>Pipeline</u> <u>Hourly Rights</u> <small>(%)</small>	<u>Profile Pctg</u> <small>(%)</small>	<u>Total</u> <small>(MMBtu/Day)</small>	<u>Days</u> <small>(# of Days)</small>	<u>Avg. Pipeline</u> <small>(\$/MMBtu)</small>	<u>Total Pipeline Fee</u> <small>(\$/Yr)</small>	<u>Annualized</u> <u>Seasonal</u> <small>(\$/kW-Yr)</small>
Jan-Dec	6,703	X								

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

<p>Coordinated By: Dana Baumann Prepared By: John Trimble Date: 2/19/2008 Approved by: J. McCallister Approved on: 2/19/2008 Department: RFD</p>	<p>Prepared By: Leslie Smith Date: 5/22/2008 Concurring Manager: Preston Pierce Approved on: Department: TOP-FL</p>
---	--

FLORIDA GENERIC 3x1CCgas - 501G Fired

Unit Rating (MW)	Full Load Heat Rate	
<i>Summer</i> 1215	<i>Summer</i> 6,926	
<i>Winter</i> 1347	<i>Winter</i> 6,895	
Fuel Type	Pipeline Fee Escalation Rate	
<i>Primary</i> Natural Gas	0.00%	
<i>Secondary</i> No. 2 Oil		
Fuel Consumption	Season	
<u>Strategist</u>	May-October Summer	
<i>Natural Gas</i> 100%	November-March Winter	
<i>No. 2 Oil</i> 0%	April Winter	
Pipeline Accessibility	Reservation Charge Cost Allocation (\$)	
FGT	Monthly [REDACTED]	
Pipeline Demand Charge		
Florida [REDACTED]		

PIPELINE FIXED FEE CALCULATION

	<u>Heat Rate (btu/kwh)</u>		<u>Capacity (MW)</u>	<u>Pipeline Hourly Rights (%)</u>	<u>Profile Pctg (%)</u>	<u>Total (MMBtu/Day)</u>	<u>Days (# of Days)</u>	<u>Avg. Pipeline (\$/MMBtu)</u>	<u>Total Pipeline Fee (\$/Yr)</u>	<u>Annualized Seasonal (\$/kW-Yr)</u>
Jan-Dec	6,895	X								

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By: Dana Baumann	Prepared By: Leslie Smith
Prepared By: John Trimble	Date: 5/22/2008
Date: 2/19/2008	Concurring Manager: Preston Pierce
Approved by: J. McCallister	Approved on: TOP-FL
Approved on: 2/19/2008	
Department: RFD	

FLORIDA GENERIC 4x1CCgas - 5000F Unfired

Unit Rating (MW)	Full Load Heat Rate	
Summer 1073	Summer 6,856	
Winter 1199	Winter 6,807	
Fuel Type	Pipeline Fee Escalation Rate	
Primary Natural Gas	0.00%	
Secondary No. 2 Oil		
Fuel Consumption	Season	
<u>Strategist</u>	May-October Summer	
Natural Gas 100%	November-March Winter	
No. 2 Oil 0%	April Winter	
Pipeline Accessibility	Reservation Charge Cost Allocation (\$)	
FGT	Monthly [REDACTED]	
Pipeline Demand Charge		
Florida [REDACTED]		

PIPELINE FIXED FEE CALCULATION

	Heat Rate (btu/kwh)		Capacity (MW)	Pipeline Hourly Rights (%)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/KW-Yr)
Jan-Dec	6,807	X								

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

<p>Coordinated By: Dana Baumann Prepared By: John Trimble Date: 2/19/2008 Approved by: J. McCallister Approved on: 2/19/2008 Department: RFD</p>	<p>Prepared By: Leslie Smith Date: 5/22/2008 Concurring Manager: Preston Pierce Approved on: Department: TOP-FL</p>
---	--

FLORIDA GENERIC 4x1CCgas - 5000F Fired

Unit Rating (MW)	Full Load Heat Rate	
Summer 1223	Summer 7,048	
Winter 1342	Winter 6,999	
Fuel Type	Pipeline Fee Escalation Rate	
Primary Natural Gas	0.00%	
Secondary No. 2 Oil		
Fuel Consumption	Season	
<u>Strategist</u>	May-October Summer	
Natural Gas 100%	November-March Winter	
No. 2 Oil 0%	April Winter	
Pipeline Accessibility	Reservation Charge Cost Allocation (\$)	
FGT	Monthly [REDACTED]	
Pipeline Demand Charge		
Florida [REDACTED]		

PIPELINE FIXED FEE CALCULATION

	<u>Heat Rate</u> (btu/kwh)	<u>Capacity</u> (MW)	<u>Pipeline</u> <u>Hourly Rights</u> (%)	<u>Profile Pctg</u> (%)	<u>Total</u> (MMBtu/Day)	<u>Days</u> (# of Days)	<u>Avg. Pipeline</u> (\$/MMBtu)	<u>Total Pipeline Fee</u> (\$/Yr)	<u>Annualized</u> <u>Seasonal</u> (\$/kW-Yr)
Jan-Dec	6,999	X							

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By: Dana Baumann
Prepared By: John Trumble
Date: 2/19/2008
Approved by: J. McCallister
Approved on: 2/19/2008
Department: RFD

Prepared By: Leslie Smith
Date: 5/22/2008
Concurring Manager: Preston Pierce
Approved on:
Department: TOP-FL

FLORIDA GENERIC 4x1CCgas - 7FA Unfired

Unit Rating (MW)		Full Load Heat Rate	
<i>Summer</i>	974	<i>Summer</i>	6.881
<i>Winter</i>	1065	<i>Winter</i>	6.868
Fuel Type		Pipeline Fee Escalation Rate	
<i>Primary</i>	Natural Gas		0.00%
<i>Secondary</i>	No. 2 Oil		
Fuel Consumption		Season	
<i>Strategist</i>		May-October	Summer
<i>Natural Gas</i>	100%	November-March	Winter
<i>No. 2 Oil</i>	0%	April	Winter
Pipeline Accessibility		Reservation Charge Cost Allocation (\$)	
FGT		Monthly	██████████
Pipeline Demand Charge			
Florida	██████████		

PIPELINE FIXED FEE CALCULATION

	Heat Rate <i>(btu/kwh)</i>	Capacity <i>(MW)</i>	Pipeline Hourly Rights <i>(%)</i>	Profile Pctg <i>(%)</i>	Total <i>(MMBtu/Day)</i>	Days <i>(# of Days)</i>	Avg. Pipeline <i>(\$/MMBtu)</i>	Total Pipeline Fee <i>(\$/Yr)</i>	Annualized Seasonal <i>(\$/kW-Yr)</i>
Jan-Dec	6.868	X	██████████	██████████	██████████	██████████	██████████	██████████	██████████

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By:	Dana Baumann	Prepared By:	Leslie Smith
Prepared By:	John Trimble	Date:	5/22/2008
Date:	2/19/2008	Concurring Manager:	Preston Pierce
Approved by:	J. McCallister	Approved on:	
Approved on:	2/19/2008	Department:	TOP-FL
Department:	RFD		

FLORIDA GENERIC 4x1CCgas - 7FA Fired

Unit Rating (MW)	Full Load Heat Rate	
Summer 1125	Summer 7,106	
Winter 1212	Winter 7,097	
Fuel Type	Pipeline Fee Escalation Rate	
Primary Natural Gas	0.00%	
Secondary No. 2 Oil		
Fuel Consumption	Season	
<u>Strategist</u>	May-October Summer	
Natural Gas 100%	November-March Winter	
No. 2 Oil 0%	April Winter	
Pipeline Accessibility	Reservation Charge Cost Allocation (\$)	
FGT	Monthly [REDACTED]	
Pipeline Demand Charge		
Florida [REDACTED]		

PIPELINE FIXED FEE CALCULATION

	<u>Heat Rate</u> (btu/kwh)		<u>Pipeline</u> Hourly Rights (%)	<u>Profile Pctg</u> (%)	<u>Total</u> (MMBtu/Day)	<u>Days</u> (# of Days)	<u>Avg. Pipeline</u> (\$/MMBtu)	<u>Total Pipeline Fee</u> (\$/Yr)	<u>Annualized</u> Seasonal (\$/KW-Yr)
Jan-Dec	7,097	X	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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Data in red to be updated by TOP-FL

Coordinated By: Dana Baumann	Prepared By: Leslie Smith
Prepared By: John Trimble	Date: 5/22/2008
Date: 2/19/2008	Concurring Manager: Preston Pierce
Approved by: J McCallister	Approved on:
Approved on: 2/19/2008	Department: TOP-FL
Department: RFD	

FLORIDA GENERIC CT45 aero, gas

Unit Rating (MW)		Full Load Heat Rate	
Summer	43	Summer	9,801
Winter	50	Winter	9,695
Fuel Type		Pipeline Fee Escalation Rate	
Primary	Natural Gas	0.00%	
Secondary	No. 2 Oil		
Fuel Consumption		FT Profile	
	<u>Strategist</u>	<u>ProSym</u>	
Natural Gas	95%	See below	May-October 100 % Summer
No. 2 Oil	5%	(1)	November-March 100 % Winter
			April 100 % Winter
CT Daily Profile (2)		Reservation Charge Cost Allocation (\$)	
Hours/day of operation	[REDACTED]	Monthly for May-Oct	[REDACTED]
		Monthly for Nov-Mar	[REDACTED]
		Monthly for April	[REDACTED]
Pipeline Accessibility			
FGT			
Pipeline Demand Charge			
Florida			

PIPELINE FIXED FEE CALCULATION

		Heat Rate (btu/kwh)	Profile (Hours/Day)	Capacity (MW)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/kW-Yr)
Summer	May-October	9,801	X	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Winter	November-March	9,695	X	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Winter	April	9,695	X	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
									2,460,562	

- (1) When FT is fully utilized and IT is unavailable, it will be necessary to go to No. 2 Oil.
- (2) Daily Profile valid for all CT types. SPOD to update calculation for other CT types with its respective heat rate and capacity values.

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By:	Dana Baumann	Prepared By:	Leslie Smith
Prepared By:	John Trimble	Date:	4/25/2008
Date:	2/19/2008	Concurring Manager:	Preston Pierce
Concurring Manager:	J. McCallister	Approved on:	4/25/2008
Approved on:	2/19/2008	Department:	TOP-FL
Department:	RFD		

FLORIDA GENERIC CT80 frame, gas

Unit Rating (MW)		Full Load Heat Rate			
Summer	76	Summer	12,193		
Winter	87	Winter	11,785		
Fuel Type		Pipeline Fee Escalation Rate			
Primary	Natural Gas	0.00%			
Secondary	No. 2 Oil				
Fuel Consumption		FT Profile			
	<u>Strategist</u>	<u>ProSym</u>			
Natural Gas	95%	See below	May-October	100 %	Summer
No. 2 Oil	5%	(1)	November-March	100 %	Winter
			April	100 %	Winter
CT Daily Profile (2)		Reservation Charge Cost Allocation (\$)			
Hours/day of operation		Monthly for May-Oct [REDACTED]			
		Monthly for Nov-Mar [REDACTED]			
		Monthly for April [REDACTED]			
Pipeline Accessibility					
FGT					
Pipeline Demand Charge					
Florida [REDACTED]					

PIPELINE FIXED FEE CALCULATION

		Heat Rate (btu/kwh)	Profile (Hours/Day)	Capacity (MW)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/kW-Yr)
Summer	May-October	12,193	X							
Winter	November-March	11,785	X							
Winter	April	11,785	X							

(1) When FT is fully utilized and IT is unavailable, it will be necessary to go to No. 2 Oil.

(2) Daily Profile valid for all CT types. SPOD to update calculation for other CT types with its respective heat rate and capacity values.

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By:	Dana Baumann	Prepared By:	Leslie Smith
Prepared By:	John Trimble	Date:	4/25/2008
Date:	2/19/2008	Concurring Manager:	Preston Pierce
Concurring Manager:	J McCallister	Approved on:	4/25/2008
Approved on:	2/19/2008	Department:	TOP-FL
Department:	RFD		

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FLORIDA GENERIC CT90 aero, gas

Unit Rating (MW)

Summer 96
Winter 99

Full Load Heat Rate

Summer 9,086
Winter 8,898

Fuel Type

Primary Natural Gas
Secondary No. 2 Oil

Pipeline Fee Escalation Rate

0.00%

Fuel Consumption

	<u>Strategist</u>	<u>ProSym</u>
Natural Gas	95%	See below
No. 2 Oil	5%	(1)

FT Profile

May-October	100	%	Summer
November-March	100	%	Winter
April	100	%	Winter

CT Daily Profile (2)

Hours/day of operation

Reservation Charge Cost Allocation (\$)

Monthly for May-Oct
Monthly for Nov-Mar
Monthly for April

Pipeline Accessibility

FGT

Pipeline Demand Charge

Florida

PIPELINE FIXED FEE CALCULATION

		Heat Rate (btu/kwh)	Profile (Hours/Day)	Capacity (MW)	Profile Pct (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/kW-Yr)
Summer	May-October	9,086	X							
Winter	November-March	8,898	X							
Winter	April	8,898	X							

(1) When FT is fully utilized and IT is unavailable, it will be necessary to go to No. 2 Oil.

(2) Daily Profile valid for all CT types. SPOD to update calculation for other CT types with its respective heat rate and capacity values.

Data in blue to be updated by RFD.

Data in red to be updated by TOP-FL

Coordinated By: Dana Baumann Prepared By: John Trimble Date: 2/19/2008 Concurring Manager: J. McCallister Approved on: 2/19/2008 Department: RFD	Prepared By: Leslie Smith Date: 4/25/2008 Concurring Manager: Preston Pierce Approved on: 4/25/2008 Department: TOP-FL
---	---

Redated

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RFD & SRP
Printed on: 8/13/2009

FLORIDA GENERIC CT165 frame, gas

Unit Rating (MW)		Full Load Heat Rate	
Summer	155	Summer	10,879
Winter	175	Winter	10,546
Fuel Type		Pipeline Fee Escalation Rate	
Primary	Natural Gas	0.00%	
Secondary	No. 2 Oil		
Fuel Consumption		FT Profile	
	<u>Strategist</u>	<u>ProSym</u>	
Natural Gas	95%	See below	May-October 100 % Summer
No. 2 Oil	5%	(1)	November-March 100 % Winter
			April 100 % Winter
CT Daily Profile (2)		Reservation Charge Cost Allocation (\$)	
Hours/day of operation	[REDACTED]	Monthly for May-Oct	[REDACTED]
		Monthly for Nov-Mar	[REDACTED]
		Monthly for April	[REDACTED]
Pipeline Accessibility			
FGT			
Pipeline Demand Charge			
Florida			

PIPELINE FIXED FEE CALCULATION

		Heat Rate (btu/kwh)	Profile (Hours/Day)	Capacity (MW)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline (\$/MMBtu)	Total Pipeline Fee (\$/Yr)	Annualized Seasonal (\$/kW-Yr)
Summer	May-October	10,879	X	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Winter	November-March	10,546	X	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Winter	April	10,546	X	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

(1) When FT is fully utilized and IT is unavailable, it will be necessary to go to No. 2 Oil.

(2) Daily Profile valid for all CT types. SPOD to update calculation for other CT types with its respective heat rate and capacity values.

Data in blue to be updated by RFD.
Data in red to be updated by TOP-FL

Coordinated By:	Dana Baumann	Prepared By:	Leslie Smith
Prepared By:	John Trimble	Date:	4/25/2008
Date:	2/19/2008	Concurring Manager:	Preston Pierce
Concurring Manager:	J. McCallister	Approved on:	4/25/2008
Approved on:	2/19/2008	Department:	TOP-FL
Department:	RFD		

FLORIDA GENERIC CT190 frame, gas

Unit Rating (MW)
 Summer 178
 Winter 205

Full Load Heat Rate
 Summer 10,574
 Winter 10,145

Fuel Type
 Primary Natural Gas
 Secondary No. 2 Oil

Pipeline Fee Escalation Rate
 0.00%

Fuel Consumption

	<u>Strategist</u>	<u>ProSym</u>	
Natural Gas	95%	See below	
No. 2 Oil	5%	(1)	

FT Profile

May-October	100	%	Summer
November-March	100	%	Winter
April	100	%	Winter

CT Daily Profile (2)
 Hours/day of operation [REDACTED]

Reservation Charge Cost Allocation (\$)
 Monthly for May-Oct [REDACTED]
 Monthly for Nov-Mar [REDACTED]
 Monthly for April [REDACTED]

Pipeline Accessibility
 FGT

Pipeline Demand Charge
 Florida [REDACTED]

PIPELINE FIXED FEE CALCULATION

		Heat Rate (btu/kwh)	Profile (Hours/Day)	Capacity (MW)	Profile Pctg (%)	Total (MMBtu/Day)	Days (# of Days)	Avg. Pipeline \$/MMBtu	Total Pipeline Fee \$/Yr	Annualized Seasonal \$/kW-Yr
Summer	May-October	10,574	X							
Winter	November-March	10,145	X							
Winter	April	10,145	X							

(1) When FT is fully utilized and IT is unavailable, it will be necessary to go to No. 2 Oil.

(2) Daily Profile valid for all CT types. SPOD to update calculation for other CT types with its respective heat rate and capacity values.

Data in blue to be updated by RFD.
 Data in red to be updated by TOP-FL

Coordinated By:	Dana Baumann	Prepared By:	Leslie Smith
Prepared By:	John Trimble	Date:	4/25/2008
Date:	2/19/2008	Concurring Manager:	Preston Pierce
Concurring Manager:	J. McCallister	Approved on:	4/25/2008
Approved on:	2/19/2008	Department:	TOP-FL
Department:	RFD		

FLORIDA GENERIC UNIT - MONTHLY NATURAL GAS PIPELINE FIXED COST

CT F-Frame (Augmented) - In Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual (a)
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													
2020													
2021													
2022													
2023													
2024													
2025													
2026													
2027													
2028													

Esc
0.0%

CC - In Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual (a)
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													
2020													
2021													
2022													
2023													
2024													
2025													
2026													
2027													
2028													

Esc
0%

(a) Current year total reflects annual amount. Current year annual total needs to be adjusted to reflect forecast study period.

Coordinated By: Dana Baumann
 Prepared By: John Trimble
 Date: 2/19/2008
 Approved by: J. McCallister
 Approved on: 2/19/2008
 Department: RFD

[REDACTED]

[REDACTED]

Calculated (Hourly Data)

[REDACTED]

Excludes Start Fuel
Historical HR - Gads

[REDACTED]

MicroGads/Calculated
Winter Summer

[REDACTED]

Inverse (Calc/Gads)
Winter Summer

[REDACTED]

Prior Inverse (3/17/2008)
Winter Summer

[REDACTED]

Prior minus Current Inverse
Winter Summer

[REDACTED]

Fossil Units

- Andole 1
- Andole 2
- Bartow 1
- Bartow 2
- Bartow 3
- Crystal River 1
- Crystal River 2
- Crystal River 4
- Crystal River 5
- Suwannee 1
- Suwannee 2
- Suwannee 3

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

CT Units

- APK P1
- APK P2
- Bartow P1
- Bartow P2
- Bartow P3
- Bartow P4
- Bayboro P1
- Bayboro P2
- Bayboro P3
- Bayboro P4
- Debary P1
- Debary P2
- Debary P3
- Debary P4
- Debary P5
- Debary P6
- Debary P7
- Debary P8
- Debary P9
- Debary P10
- HIGG P1
- HIGG P2
- HIGG P3
- HIGG P4
- I. C. P1
- I. C. P2
- I. C. P3
- I. C. P4
- I. C. P5
- I. C. P6
- I. C. P7
- I. C. P8
- I. C. P9
- I. C. P10
- I. C. P11
- I. C. P12
- I. C. P13
- I. C. P14
- RIOP P1
- SUW P1
- SUW P2
- SUW P3
- Turner P1

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Turner P2
Turner P3
Turner P4
UFLA G1



CC Units

Hines PB1
Hines PB2
Hines PB3
Hines PB4
Tiger Bay 1



Prepared By: William Monroig
Prepared on: 3/18/2009

Department: EC37

Concurring Manager: Preston H. Pierce
Approved on:

Note: This version includes only those hourly generation values that are greater than the min values.

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Nuclear Fuel Management & Safety Analysis Input to SPOD Data Request

For extension beyond forecast period
(use only if not covered by forecast)

1) esc: [REDACTED]

CR3

Cycle Start Date 29-Oct-05
Cycle Number 15
cents/Mbtu¹ 34.2

3-Nov-07

16
36.4

[REDACTED]

17

[REDACTED]

[REDACTED]

18

[REDACTED]

[REDACTED]

19

[REDACTED]

[REDACTED]

20

[REDACTED]

[REDACTED]

21

[REDACTED]

[REDACTED]

22

[REDACTED]

[REDACTED]

23

[REDACTED]

[REDACTED]

24

[REDACTED]

[REDACTED]

25

[REDACTED]

2020 [REDACTED]
2021 [REDACTED]
2022 [REDACTED]
2023 [REDACTED]
2024 [REDACTED]
2025 [REDACTED]
2026 [REDACTED]

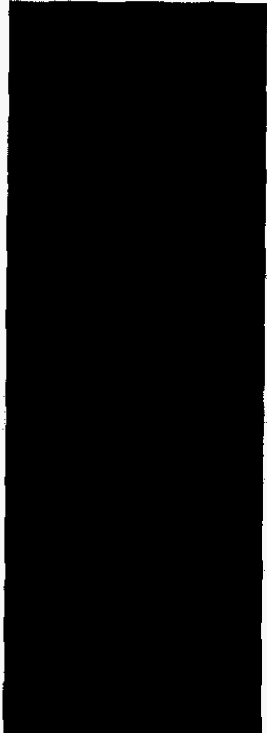
¹ Does not include Decontamination & Decommissioning (D&D), Labor & Miscellaneous (L&M), Spent Fuel Canister, "Last core," or Back-end costs.

In Accordance with Nuclear Fuel Utilization Plan Of: August, 2007

Prepared by: Ken Nelson
Date: 9/28/2007
Manager: John Sifers
Organization: Nuclear Fuel Management & Safety Analysis

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Back-End Multiplier (\$/MWh)¹

<u>DATE</u>	<u>CR3</u>
2006	
2007	
2008	
2009	
2010	
2011	
2012	
2013	
2014	
2015	
2016	
2017	
2018	
2019	
2020	
2021	
2022	
2023	
2024	
2025	
2026	

1 

Prepared by: Ken Nelson

Date: 9/28/2007

Manager: John Siphers

Organization: Nuclear Fuel Management & Safety Analysis

CR3

Date	Cycle No.	Cycle (Outage) Start Date	Day of Week	Outage Length (days)	Mid-Cycle Outage (days)	End Date	Operation Length (days)	Cycle Shutdown Date	Cycle Length (days)	Load Factor	RUP	MDC	Days	Cal YR GWH	Rated Power (MWT)	Thermal Gen	Thermal Gen Mbtu's	Notes	Heat Rate	
01/01/08		12/31/08		0																
01/01/08		02/29/08		0																
03/01/08		03/10/08		10			potential 10 day outage - RCP Seal repair													10,191
03/11/08		04/30/08		0			MUR 1.5% uprate implemented 3/1													10,212
05/01/08		10/31/08		0															10,378	
11/01/08		12/31/08		0															10,212	
01/01/09	16	12/31/09																		
01/01/09		04/30/09		0															10,212	
																			10,378	
																			10,212	
01/01/10		12/31/10																		
																			9,894	
																			10,050	
																			9,894	
01/01/11	17	12/31/11																		
																			9,894	
																			10,050	
																			11,415	
01/01/12		12/31/12																		
																			9,878	
																			10,013	
																			9,878	
01/01/13	18	12/31/13																		
																			9,878	
																			10,013	
																			9,878	
01/01/14		12/31/14																		
																			9,878	
																			10,013	
																			9,878	
01/01/15	19	12/31/15																		
																			9,878	
																			10,013	
																			9,878	
01/01/16		12/31/16																		
																			9,878	
																			10,013	
																			9,878	

Gen projections by S Thornton 2/1/07
Confidential

CR3

Date	Cycle No.	Cycle (Outage) Start Date	Day of Week	Outage Length (days)	Mid-Cycle Outage (days)	Outage End Date	Operation Length (days)	Cycle Shutdown Date	Cycle Length (days)	Load Factor	RUP	MDC	Days	Cal YR	Rated Power (MWt)	Thermal Gen	Thermal Gen Mbtu's	Notes	Heat Rate
01/01/17	20	12/31/17																	9,878
																			10,013
																			9,878
01/01/18		12/31/18																	9,878
																			10,013
																			9,878
01/01/19	21	12/31/19																	9,878
																			10,013
																			9,878
01/01/20		12/31/20																	9,878
																			10,013
																			9,878
01/01/21	22	12/31/21																	9,878
																			10,013
																			9,878
01/01/22		12/31/22																	9,878
																			10,013
																			9,878
01/01/23	23	12/31/23																	9,878
																			10,013
																			9,878
01/01/24		12/31/24																	9,878
																			10,013
																			9,878
01/01/25	24	12/31/25																	9,878
																			10,013
																			9,878
01/01/26		12/31/26																	9,878
																			10,013
																			9,878
01/01/27	25	12/31/27																	9,878
																			10,013
																			9,878

CR3

Date	Cycle No.	Cycle (Outage) Start Date	Day of Week	Outage Length (days)	Mid-Cycle Outage (days)	Outage End Date	Operation Length (days)	Cycle Shutdown Date	Cycle Length (days)	Load Factor	Days	Cal YR	Rated Power (MW)	Thermal Gen	Thermal Gen Mbtu's	Notes	Heat Rate
[REDACTED]																9,878	
[REDACTED]																10,013	
[REDACTED]																9,878	

Notes: [REDACTED]

Prepared by: Steve Thornton
Date: 1/21/2008

Approved on: 1/17/08
by: D. Young CR3 VP

Approval Section:

Coordinated by: D. Baumann
Prepared By: R. Bombien, D. Williams, E. Parker
Date: 3/18/2008
Approved By: Joe McCallister
Date: 3/18/2008
Department: RFD

Assumptions:

Transportation & Others

- 1) System with Transport price = [REDACTED]
- 2) Freight updated for 2008 rates
- 3) Transport cost escalation @ 3% [REDACTED]
- 4) Fixed storage costs [REDACTED] not included
- 5) Pipeline to Intercession City will only ship [REDACTED]
- 6) Assumed Hines will get ULSD as LSD becomes unavailable in Tampa

Commodity

- 1) 2008 - 2010 Monthly Base Case based on market observation dated March 17, 2008 with summer and winter volatility marker view.
- 2) 2011 - 2026 Annual Base Case gas from PIRA and Global Insight

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NO. 2 OIL PRICE FORECAST - FLORIDA USGC

Not Delivered to the Plant

	Base System w/o Transport (\$/MMBtu)	Base System w/o Transport (\$/MMBtu)	Base System w/o Transport (\$/MMBtu)	Base System with Transport (\$/MMBtu)	Base System with Transport (\$/MMBtu)	Base System with Transport (\$/MMBtu)
2008 Apr	23.743	24.874	24.195	24.543	25.674	24.995
2008 May	23.035	24.139	23.477	23.835	24.939	24.277
2008 Jun	22.582	23.668	23.016	23.382	24.468	23.816
2008 Jul	22.496	23.612	22.942	23.296	24.412	23.742
2008 Aug	22.532	23.718	23.006	23.332	24.518	23.806
2008 Sep	22.563	23.684	23.011	23.363	24.484	23.811
2008 Oct	22.556	23.501	22.934	23.356	24.301	23.734
2008 Nov	22.592	23.394	22.913	23.392	24.194	23.713
2008 Dec	22.501	23.091	22.737	23.301	23.891	23.537
2009 Jan						
2009 Feb						
2009 Mar						
2009 Apr						
2009 May						
2009 Jun						
2009 Jul						
2009 Aug						
2009 Sep						
2009 Oct						
2009 Nov						
2009 Dec						
2010 Jan						
2010 Feb						
2010 Mar						
2010 Apr						
2010 May						
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2010 Jul						
2010 Aug						
2010 Sep						
2010 Oct						
2010 Nov						
2010 Dec						
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RFD

Printed on: 8/13/2009

Redacted

Confidential - CF_Fbr1041000001 SPOT & HEDGE_2008_0319.XLS

Hedging

	BBIs	Commodity	
		\$/Bbl	\$/MMBtu
Apr-08	25,000	86.15	14.863
May-08	25,000	86.15	14.863
Jun-08	25,000	86.15	14.863
Jul-08	65,000	88.94	15.345
Aug-08	65,000	88.94	15.345
Sep-08	40,000	94.02	16.222
Oct-08	0	0.00	0
Nov-08	0	0.00	0
Dec-08	0	0.00	0
Jan-09			
Feb-09			
Mar-09			
Apr-09			
May-09			
Jun-09			
Jul-09			
Aug-09			
Sep-09			
Oct-09			
Nov-09			
Dec-09			
Jan-10			
Feb-10			
Mar-10			
Apr-10			
May-10			
Jun-10			
Jul-10			
Aug-10			
Sep-10			
Oct-10			
Nov-10			
Dec-10			

Redacted

NO. 2 OIL PRICE FORECAST - FLORIDA

escalation rate	
last yr forecasted	2009

TRANSPORT		System Transport (\$/MMBtu)	Anclote Transport (\$/MMBtu)	Avon Park Transport (\$/MMBtu)	Bartow /Bayboro Transport (\$/MMBtu)	Crystal River Transport (\$/MMBtu)	Debary Transport (\$/MMBtu)	Higgins Transport (\$/MMBtu)	Hines Transport (\$/MMBtu)	Int. City Transport (\$/MMBtu)	Rio P. Transport (\$/MMBtu)	Suwannee Transport (\$/MMBtu)	Turner Transport (\$/MMBtu)	Shady Hills Transport (\$/MMBtu)	Vandolah Transport (\$/MMBtu)
Year	Month														
2008	Apr	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2008	May	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2008	Jun	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2008	Jul	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2008	Aug	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2008	Sep	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2008	Oct	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2008	Nov	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2008	Dec	0.800	0.480	0.650	1.220	0.700	0.740	0.470	0.790	0.410	0.780	1.040	0.950	0.790	1.050
2009	Jan														
2009	Feb														
2009	Mar														
2009	Apr														
2009	May														
2009	Jun														
2009	Jul														
2009	Aug														
2009	Sep														
2009	Oct														
2009	Nov														
2009	Dec														
2010	Jan														
2010	Feb														
2010	Mar														
2010	Apr														
2010	May														
2010	Jun														
2010	Jul														
2010	Aug														
2010	Sep														
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2010	Nov														
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2027															
2028															

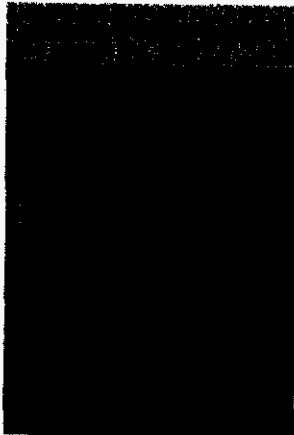
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NO. 2 OIL PRICE FORECAST - FLORIDA

Year	Month	Heat Content (MMBtu/gallon)	SO2 CONTENT												
			Ancloste SO2 (lbs/MMBtu)	Avon Park SO2 (lbs/MMBtu)	Bartow /Bayboro SO2 (lbs/MMBtu)	Crystal River SO2 (lbs/MMBtu)	Debary Transport SO2 (lbs/MMBtu)	Higgins SO2 (lbs/MMBtu)	Hines Transport SO2 (lbs/MMBtu)	Int. City Transport SO2 (lbs/MMBtu)	Rio P. SO2 (lbs/MMBtu)	Suwannee SO2 (lbs/MMBtu)	Turner SO2 (lbs/MMBtu)	Shady Hills Transport SO2 (lbs/MMBtu)	Vandola Transport SO2 (lbs/MMBtu)
2008	Mar	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	Apr	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	May	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	Jun	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	Jul	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	Aug	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	Sep	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	Oct	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	Nov	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2008	Dec	0.138	0.5	0.5	0.5	0.5	0.3	0.5	0.0015	0.0015	0.5	0.5	0.5	0.0015	0.0015
2009															
2010															
2011															
2012															
2013															
2014															
2015															
2016															
2017															
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2021															
2022															
2023															
2024															
2025															
2026															
2027															
2028															

Progress Energy Florida
GFF Data Submittal
Steam Unit Variable O&M Rates

PLANTNAME	UNIT
Anclole	G1
Anclole	G2
Bartow	G1
Bartow	G2
Bartow	G3
Crystal River	G1
Crystal River	G2
Crystal River	G4
Crystal River	G5
Suwannee	G1
Suwannee	G2
Suwannee	G3



Prepared by: James Wilkins
Date: 2/20/2008

**Concurring
Manager:** Mark Oliver
Approved on: 2/20/2008

Department: RCO

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Crystal River Year	Supplier	Del. \$NT
2007	Supplier 1	
2008	Supplier 1	
2009	Supplier 1	
2010	Supplier 1	
2011	Supplier 1	
2012	Supplier 1	
2013	Supplier 1	
2014	Supplier 1	
2015	Supplier 1	
2016	Supplier 1	
2017	Supplier 1	
2018	Supplier 1	
2019	Supplier 1	
2020	Supplier 1	
2021	Supplier 1	
2022	Supplier 1	
2023	Supplier 1	
2024	Supplier 1	
2025	Supplier 1	
2026	Supplier 1	
2027	Supplier 1	
2028	Supplier 1	

NOx EMISSION ALLOWANCE PRICE FORECAST

Evolution from March 17, 2008 and JDEnergy Forecast forecast date January 7, 2008
(Nominal dollars)



NOx BASE CASE		
Year	Annual \$/Ton	Seasonal \$/Ton
2008	-	
2009		
2010		
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		
2019		
2020		
2021		
2022		
2023		
2024		
2025		
2026		
2027		
2028		

Modeling NOx		
	Oct-Apr \$/Ton	May-Sep \$/Ton
2008	-	
2009		
2010		
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		
2019		
2020		
2021		
2022		
2023		
2024		
2025		
2026		
2027		
2028		

Coordinated by: D. Baumann
 Prepared by: E. Parker, D. Baumann
 Approved by: J. McCallister
 Approved on: 3/19/2008

NOTE:
 The prices above are valid for CAIR and Smokestacks.

TOLLING PPA for VANDOLAH / Northern Star Generation (NSG) dated 8/29/07

Term & Quantity

[Redacted]

Charges

	Capacity (\$&W/mo.)	(k\$/mo.)
Jan	[Redacted]	[Redacted]
Feb	[Redacted]	[Redacted]
Mar	[Redacted]	[Redacted]
Apr	[Redacted]	[Redacted]
May	[Redacted]	[Redacted]
Jun	[Redacted]	[Redacted]
Jul	[Redacted]	[Redacted]
Aug	[Redacted]	[Redacted]
Sep	[Redacted]	[Redacted]
Oct	[Redacted]	[Redacted]
Nov	[Redacted]	[Redacted]
Dec	[Redacted]	[Redacted]
Average	[Redacted]	[Redacted]

Capacity Adjustment Factors

Adjustment Factor	Total MW	Per Unit MW
January	[Redacted]	[Redacted]
February	[Redacted]	[Redacted]
March	[Redacted]	[Redacted]
April	[Redacted]	[Redacted]
May	[Redacted]	[Redacted]
June	[Redacted]	[Redacted]
July	[Redacted]	[Redacted]
August	[Redacted]	[Redacted]
September	[Redacted]	[Redacted]
October	[Redacted]	[Redacted]
November	[Redacted]	[Redacted]
December	[Redacted]	[Redacted]

Start-Charge

[Redacted]

Fuel

[Redacted]

Heat Rates

[Redacted]

Variable O&M Charge

[Redacted]

Scheduling

[Redacted]

Delivery Point

[Redacted]

Availability - (excluding inspection outages outlined below)

[Redacted]

Permit Liabilities

[Redacted]

Major Outages - (combustion inspections, HGP inspections, Major inspections)

[Redacted]

Prepared by: Tamara Waldmann
Date: 9/14/2007

Concurring Manager: Bob Niekum
Date: 9/14/2007

Department: PV, RCO - Term Marketing South

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Heat Rates Per Unit

IHR Break Pts:



Heat Input Curve:

MW HI



FGD CONVERSION FACTORS - CAROLINAS AND FLORIDA

Wet FGD

SO₂ Removal Efficiency as a function of Coal SO₂ lb/mbtu



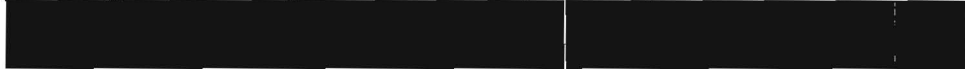
Notes:

- SO₂ Removal (Tons) = Heat input (mbtu) * Sulfur content (lb SO₂/mbtu) * SO₂ Removal Efficiency (%) / 2000 lb/ton
- Limestone Consumption (tons) = {Heat input (mbtu) * Limestone stoichiometry (%) / Limestone Purity (%) / 2000 lb/ton} * [(Limestone/SO₂ molecular weight ratio (100/64) * Sulfur content (lb SO₂/mbtu) * SO₂ Removal Efficiency (%)) + (Limestone/HCl molecular weight ratio (100/36.5) * 1 mole CaCO₃ / 2 moles HCl * HCl (lb/mbtu))]
- Total Solids Production (dry solid basis, tons) = Heat input (mbtu) * Sulfur content (#SO₂/mbtu) * Gypsum / SO₂ molecular weight ratio (172/64) * SO₂ Removal Efficiency (%) / Gypsum purity (%) / 2000 lb/ton
- Solid Waste Production (dry solid basis, tons) = Solids Blowdown Suspended Solids (%) * Total Solids Production (tons)

PROGRESS ENERGY FLORIDA
2008 - 2028

General Assumptions:

- 1 Global Energy Decisions forward curves for Apr 2008 - Dec 2010 dated March 14, 2008 for all but Import
- 2 Global Energy Decisions Mid-Term Forecast for 2011-2012 dated February 8, 2008 for all but Import
- 3 Forward Curves were converted to forecasts using EPRI methodology
- 4 Global Energy escalation rates were applied to the commodity cost 2013 - 2028
- 5 Global Energy escalation rates were applied to this calculated commodity cost, followed by added the ocean vessel rate to fMT



Transportation forecasts provided the Coal Transportation Unit

	CR 1-2	CR 4-5
Apr-08		
May-08		
Jun-08		
Jul-08		
Aug-08		
Sep-08		
Oct-08		
Nov-08		
Dec-08		
Jan-09		
Feb-09	CSX CAPP 1.8# 12300 Btu 2008	12.5% CSX 1.2# 12300 87.5% Barge 1.2# 12000
Mar-09	2009	2008-2009
Apr-09		
May-09		
Jun-09		
Jul-09		
Aug-09		
Sep-09		
Oct-09		
Nov-09		
Dec-09		
Jan-10		
Feb-10		
Mar-10		
Apr-10		
May-10		
Jun-10		
Jul-10		
Aug-10		
Sep-10		
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2021		
2022		
2023		
2024		
2025		
2026-28		

Coordinated By: D. Baumann
Prepared By: Daphne Ingram
Approved By: Brett Phipps
Department: Regulated Fuels

Date: 3/19/2008
Date: 3/19/2008

Coal Forecast - Florida

BASE CASE

Year	Incremental w/o EA - Crystal River 1 & 2				
	(\$/MMBtu) Total	(\$/MMBtu) Commodity	(\$/MMBtu) Transport	(Btu/lb) Heat Content	(lbs/MMBtu) SO2 Content
Apr-08	4.321	3.232	1.089	12,300	1.80
May-08	4.300	3.211	1.089	12,300	1.80
Jun-08	4.288	3.198	1.090	12,300	1.80
Jul-08	4.299	3.183	1.116	12,300	1.80
Aug-08	4.301	3.185	1.116	12,300	1.80
Sep-08	4.296	3.180	1.116	12,300	1.80
Oct-08	4.301	3.186	1.115	12,300	1.80
Nov-08	4.308	3.193	1.115	12,300	1.80
Dec-08	4.300	3.185	1.115	12,300	1.80
Jan-09	4.281	3.166	1.115	12,300	1.80
Feb-09	4.252	3.137	1.115	12,300	1.80
Mar-09	4.222	3.106	1.116	12,300	1.80
Apr-09	4.169	3.068	1.101	12,300	1.80
May-09	4.132	3.031	1.101	12,300	1.80
Jun-09	4.108	3.008	1.100	12,300	1.80
Jul-09					
Aug-09					
Sep-09					
Oct-09					
Nov-09					
Dec-09					
Jan-10					
Feb-10					
Mar-10					
Apr-10					
May-10					
Jun-10					
Jul-10					
Aug-10					
Sep-10					
Oct-10					
Nov-10					
Dec-10					
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2024					
2025					
2026					
2027					
2028					

Year	Incremental w/o EA - Crystal River 4 & 5				
	(\$/MMBtu) Total	(\$/MMBtu) Commodity	(\$/MMBtu) Transport	(Btu/lb) Heat Content	(lbs/MMBtu) SO2 Content
Apr-08	4.449	3.360	1.089	12,300	1.20
May-08	4.431	3.342	1.089	12,300	1.20
Jun-08	4.421	3.331	1.090	12,300	1.20
Jul-08	4.433	3.317	1.116	12,300	1.20
Aug-08	4.437	3.321	1.116	12,300	1.20
Sep-08	4.433	3.317	1.116	12,300	1.20
Oct-08	4.439	3.324	1.115	12,300	1.20
Nov-08	4.448	3.333	1.115	12,300	1.20
Dec-08	4.442	3.327	1.115	12,300	1.20
Jan-09	4.193	3.181	1.012	12,105	1.20
Feb-09	4.180	3.168	1.012	12,105	1.20
Mar-09	4.156	3.144	1.012	12,105	1.20
Apr-09	4.138	3.115	1.023	12,105	1.20
May-09	4.112	3.086	1.026	12,105	1.20
Jun-09	4.092	3.067	1.025	12,105	1.20
Jul-09					
Aug-09					
Sep-09					
Oct-09					
Nov-09					
Dec-09					
Jan-10					
Feb-10					
Mar-10					
Apr-10					
May-10					
Jun-10					
Jul-10					
Aug-10					
Sep-10					
Oct-10					
Nov-10					
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2023					
2024					
2025					
2026					
2027					
2028					

Average (Delivered) w/o EA - Crystal River 1 & 2					
Year	Total	Commodity	Transport	Heat Content	SO2 Content
	(\$/MMBtu)	(\$/MMBtu)	(\$/MMBtu)	(Btu/lb)	(lbs/MMBtu)
Apr-08	#DIV/0!		#DIV/0!		
May-08	#DIV/0!		#DIV/0!		
Jun-08	#DIV/0!		#DIV/0!		
Jul-08	#DIV/0!		#DIV/0!		
Aug-08	#DIV/0!		#DIV/0!		
Sep-08	#DIV/0!		#DIV/0!		
Oct-08	#DIV/0!		#DIV/0!		
Nov-08	#DIV/0!		#DIV/0!		
Dec-08	#DIV/0!		#DIV/0!		
Jan-09	#DIV/0!		#DIV/0!		
Feb-09	#DIV/0!		#DIV/0!		
Mar-09	#DIV/0!		#DIV/0!		
Apr-09	#DIV/0!		#DIV/0!		
May-09	#DIV/0!		#DIV/0!		
Jun-09	#DIV/0!		#DIV/0!		
Jul-09	#DIV/0!		#DIV/0!		
Aug-09	#DIV/0!		#DIV/0!		
Sep-09	#DIV/0!		#DIV/0!		
Oct-09	#DIV/0!		#DIV/0!		
Nov-09	#DIV/0!		#DIV/0!		
Dec-09	#DIV/0!		#DIV/0!		
Jan-10	#DIV/0!		#DIV/0!		
Feb-10	#DIV/0!		#DIV/0!		
Mar-10	#DIV/0!		#DIV/0!		
Apr-10	#DIV/0!		#DIV/0!		
May-10	#DIV/0!		#DIV/0!		
Jun-10	#DIV/0!		#DIV/0!		
Jul-10	#DIV/0!		#DIV/0!		
Aug-10	#DIV/0!		#DIV/0!		
Sep-10	#DIV/0!		#DIV/0!		
Oct-10	#DIV/0!		#DIV/0!		
Nov-10	#DIV/0!		#DIV/0!		
Dec-10	#DIV/0!		#DIV/0!		

Average (Delivered) w/o EA - Crystal River 4 & 5					
Year	Total	Commodity	Transport	Heat Content	SO2 Content
	(\$/MMBtu)	(\$/MMBtu)	(\$/MMBtu)	(Btu/lb)	(lbs/MMBtu)
Apr-08	0.000				
May-08	0.000				
Jun-08	0.000				
Jul-08	0.000				
Aug-08	0.000				
Sep-08	0.000				
Oct-08	0.000				
Nov-08	0.000				
Dec-08	0.000				
Jan-09	0.000				
Feb-09	0.000				
Mar-09	0.000				
Apr-09	0.000				
May-09	0.000				
Jun-09	0.000				
Jul-09	0.000				
Aug-09	0.000				
Sep-09	0.000				
Oct-09	0.000				
Nov-09	0.000				
Dec-09	0.000				
Jan-10	0.000				
Feb-10	0.000				
Mar-10	0.000				
Apr-10	0.000				
May-10	0.000				
Jun-10	0.000				
Jul-10	0.000				
Aug-10	0.000				
Sep-10	0.000				
Oct-10	0.000				
Nov-10	0.000				
Dec-10	0.000				

Coal Forecast - Florida

Generating Unit Name
 Average BTU/lb. coal 11,600
 Average lbs. SO2/mmBtu 5.00

Year	Base		
	Total	Commodity	Transport
Apr-08	3.063	2.204	0.859
May-08	3.037	2.175	0.862
Jun-08	3.030	2.162	0.868
Jul-08	3.022	2.147	0.875
Aug-08	3.017	2.142	0.875
Sep-08	3.008	2.133	0.875
Oct-08	3.008	2.132	0.876
Nov-08	3.008	2.131	0.876
Dec-08	3.008	2.131	0.876
Jan-09	3.003	2.120	0.883
Feb-09	2.984	2.101	0.883
Mar-09	2.969	2.086	0.883
Apr-09	2.976	2.070	0.906
May-09	2.962	2.053	0.909
Jun-09	2.946	2.037	0.909
Jul-09			
Aug-09			
Sep-09			
Oct-09			
Nov-09			
Dec-09			
Jan-10			
Feb-10			
Mar-10			
Apr-10			
May-10			
Jun-10			
Jul-10			
Aug-10			
Sep-10			
Oct-10			
Nov-10			
Dec-10			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			

Coal Quality Analysis	
	% Weight
moisture	12.00
carbon	60.73
hydrogen	4.22
nitrogen	1.29
sulfur	2.97
ash	11.02
oxygen	7.73
chlorine	0.04
	100.00
CaO	4.91
Heat Content	11,600 Btu/lb.

DATE

COMMENTS

06/19/07 New file.

07/26/07 Format modified.

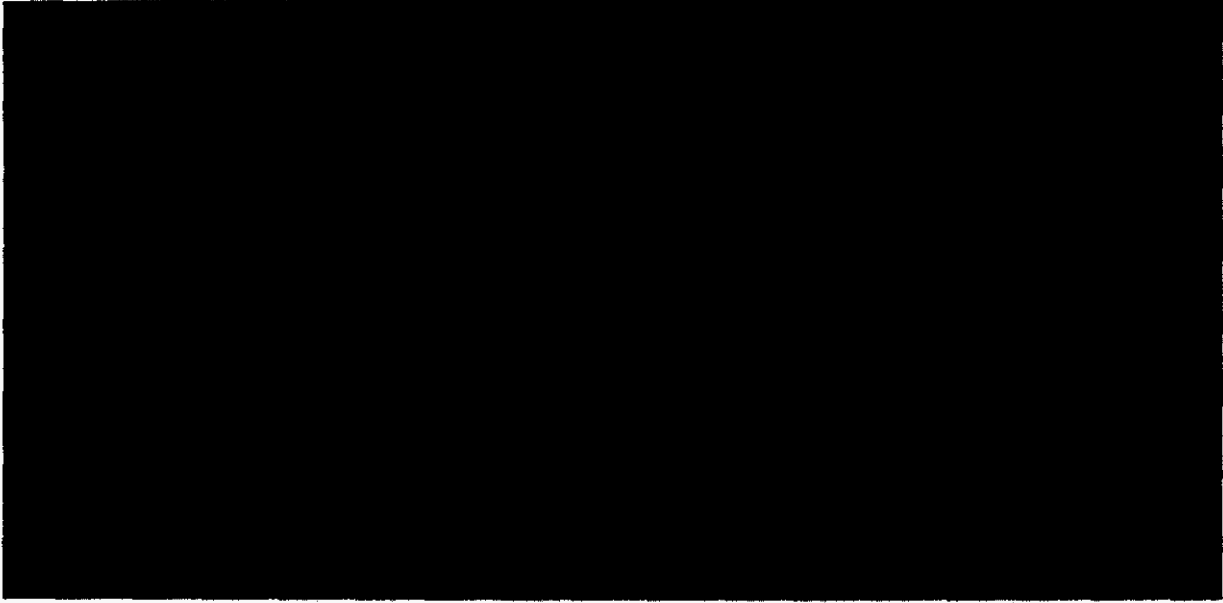
Redacted

~~NOTE~~ _TRANSCOST_GENER

printed: 8/13/2009; 2:06 PM

CONFIDENTIAL

TRANSMISSION ASSUMPTIONS - PEF



GENERIC TRANSMISSION COSTS - Florida

RED = Input

BLUE = Linked

BLACK = Calculated

GRAY = Referenced

GREEN = Info

	Nuclear	Supercritical		CFB	IGCC	Combined Cycle			Combustion Turbines				Hydro	
		PC500	PC850			Un-fired	Fired	gasCT45	gasCT90	gasCT80	gasCT190	Conven	Pumped	
Net Unit Capacity, Summer (MW) ¹	1,085	500	850	600	620	531	666	1200	44	98	78	176	500	525
Single Site, Multiple Units per Site (M\$)														
1st Unit	1,500	200											NA	NA
2nd Unit	500	400											NA	NA
3rd Unit	NA	400											NA	NA
Remaining Units	NA	400											NA	NA
Single Site, Single Unit per Site (M\$)														
1st Unit	1,500	200											NA	NA
Cash Flow Patterns (% of Total Cost) ²														
Single Site, Multiple Units per Site Unit 1														
Construction Year 1	0.0	1.0												
Construction Year 2	1.0	4.0												
Construction Year 3	1.0	5.0												
Construction Year 4	1.0	55.0												
Construction Year 5	3.0	35.0												
Construction Year 6	4.0													
Construction Year 7	5.0													
Construction Year 8	15.0													
Construction Year 9	20.0													
Construction Year 10	35.0													
Construction Year 11	15.0													
Single Site, Multiple Units per Site Unit 2														
Construction Year 1	0.0	1.0												
Construction Year 2	1.0	4.0												
Construction Year 3	1.0	5.0												
Construction Year 4	1.0	55.0												
Construction Year 5	3.0	35.0												
Construction Year 6	4.0													
Construction Year 7	5.0													
Construction Year 8	15.0													
Construction Year 9	20.0													
Construction Year 10	35.0													
Construction Year 11	15.0													
Single Site, Multiple Units per Site Unit 3														
Construction Year 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Single Site, Multiple Units per Site Remaining Units														
Construction Year 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Construction Year 11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Single Site, Single Unit per Site Unit 1														
Construction Year 1	0.0	1.0												
Construction Year 2	1.0	4.0												
Construction Year 3	1.0	5.0												
Construction Year 4	1.0	55.0												
Construction Year 5	3.0	35.0												
Construction Year 6	4.0													
Construction Year 7	5.0													
Construction Year 8	15.0													
Construction Year 9	20.0													
Construction Year 10	35.0													
Construction Year 11	15.0													

Footnotes:

- 1. Costs are based on the most-limiting seasonal condition
- 2. Assumes no costs are expensed beyond the In-Service Year
- 3. Costs are high-level generic estimates not based on specific sites or on any transmission planning power flow analysis

Prepared By: Bart White
Date: 8/20/2007

Approved by: _____
Date: _____

GAS TOLLING/ Oil PP Agreement - VANDOLAH / RELIANT dated July 16, 2007

Term & Quantity

[Redacted]

Capacity Adjustment Factors

Adjustment
Factor MW

June
July
August
September
October
November
December
January
February
March
April
May
June
July
August
September
October
November
December
January
February
March
April
May

[Redacted]

Charges

	<u>Capacity</u> (\$/kW-mo)	(k\$)
Jun-10	[Redacted]	[Redacted]
Jul-10	[Redacted]	[Redacted]
Aug-10	[Redacted]	[Redacted]
Sep-10	[Redacted]	[Redacted]
Oct-10	[Redacted]	[Redacted]
Nov-10	[Redacted]	[Redacted]
Dec-10	[Redacted]	[Redacted]
Jan-11	[Redacted]	[Redacted]
Feb-11	[Redacted]	[Redacted]
Mar-11	[Redacted]	[Redacted]
Apr-11	[Redacted]	[Redacted]
May-11	[Redacted]	[Redacted]
Jun-11	[Redacted]	[Redacted]
Jul-11	[Redacted]	[Redacted]
Aug-11	[Redacted]	[Redacted]
Sep-11	[Redacted]	[Redacted]
Oct-11	[Redacted]	[Redacted]
Nov-11	[Redacted]	[Redacted]
Dec-11	[Redacted]	[Redacted]
Jan-12	[Redacted]	[Redacted]
Feb-12	[Redacted]	[Redacted]
Mar-12	[Redacted]	[Redacted]
Apr-12	[Redacted]	[Redacted]
May-12	[Redacted]	[Redacted]

Start-Charge

[Redacted]

Fuel

[Redacted]

[Redacted]

Heat Rates

Guaranteed as follows:

(MMBtu / MWh) On Gas On Oil Please see the Heat Rate tab for more information

Jan - Feb	[Redacted]	[Redacted]
Mar - May	[Redacted]	[Redacted]
Jun - Sep	[Redacted]	[Redacted]
Oct - Dec	[Redacted]	[Redacted]

Variable O&M Charge

[Redacted]

Scheduling

[Redacted]

Delivery Point

[Redacted]

Availability - (excluding inspection outages outlined below)



NOx / SO2 /Permit Liabilities



Major Outages - (combustion inspections, HGP inspections, Major Inspections)



Prepared by: Tamara Waldmann
Date: 9/14/2007

Concurring Manager: Bob Niekum
Date: 9/14/2007

Department: PV, RCO - Term Marketing South

Heat Rates Per Unit - [REDACTED]

Guaranteed as follows:

(MMBtu/MWh)	On Gas	On Oil
Jan - Feb	[REDACTED]	[REDACTED]
Mar - May	[REDACTED]	[REDACTED]
Jun - Sep	[REDACTED]	[REDACTED]
Oct - Dec	[REDACTED]	[REDACTED]

ON GAS:		ON OIL:	
MW	(MMBtu/MWh)	MW	(MMBtu/MWh)
Jan - Feb	[REDACTED]	Jan - Feb	[REDACTED]
Jan - Feb	[REDACTED]	Jan - Feb	[REDACTED]
Jan - Feb	[REDACTED]	Jan - Feb	[REDACTED]
Mar - May	[REDACTED]	Mar - May	[REDACTED]
Mar - May	[REDACTED]	Mar - May	[REDACTED]
Mar - May	[REDACTED]	Mar - May	[REDACTED]
Jun - Sep	[REDACTED]	Jun - Sep	[REDACTED]
Jun - Sep	[REDACTED]	Jun - Sep	[REDACTED]
Jun - Sep	[REDACTED]	Jun - Sep	[REDACTED]
Oct - Dec	[REDACTED]	Oct - Dec	[REDACTED]
Oct - Dec	[REDACTED]	Oct - Dec	[REDACTED]
Oct - Dec	[REDACTED]	Oct - Dec	[REDACTED]

ON GAS:		ON OIL:	
MW	(Mbtu/hr)	MW	(Mbtu/hr)
Jan - Feb	[REDACTED]	Jan - Feb	[REDACTED]
Jan - Feb	[REDACTED]	Jan - Feb	[REDACTED]
Jan - Feb	[REDACTED]	Jan - Feb	[REDACTED]
Mar - May	[REDACTED]	Mar - May	[REDACTED]
Mar - May	[REDACTED]	Mar - May	[REDACTED]
Mar - May	[REDACTED]	Mar - May	[REDACTED]
Jun - Sep	[REDACTED]	Jun - Sep	[REDACTED]
Jun - Sep	[REDACTED]	Jun - Sep	[REDACTED]
Jun - Sep	[REDACTED]	Jun - Sep	[REDACTED]
Oct - Dec	[REDACTED]	Oct - Dec	[REDACTED]
Oct - Dec	[REDACTED]	Oct - Dec	[REDACTED]
Oct - Dec	[REDACTED]	Oct - Dec	[REDACTED]

Tolling Agreement - Shady Hills dated August 6, 2004

Term

Quantity

Capacity Adjustment Factors

Charges

	<i>Capacity</i> <i>(\$/kW-mo)</i>	(k\$)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
avg=		

	Adjustment Factor	MW
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

Start-Charge

Fuel Procurement

Variable O&M Charge

Scheduling

Delivery Point

Availability

NOx / SO2 /Permit Liabilities

2008 Outages + Use same pattern below for future years

Prepared by: Tamara Waldmann
Date: 3/3/2008

Concurring Manager: Bob Niekum
Date: 3/3/2008

Department: PV, RCO - Term Marketing South

SO2 EMISSION ALLOWANCE PRICE FORECAST

Evolution from March 17, 2008 and JDEnergy Forecast forecast date January 7, 2008
(Nominal dollars)

SO2 BASE CASE	
Year	\$/Ton
2008	
2009	
2010	
2011	
2012	
2013	
2014	
2015	
2016	
2017	
2018	
2019	
2020	
2021	
2022	
2023	
2024	
2025	
2026	
2027	
2028	

NOTE:

The prices above are valid for CAIR and Smokestacks.
These reflect \$/ton emitted.

"NOTE: The SO2 prices shown reflect the price of reducing 1 ton of SO2 emissions. In cases where post-2009 vintages are used to offset emissions, the price shown should be divided by the number of allowances required to reduce one ton of emissions in order to properly indicate the cost of each allowance. For example, in 2012 it will require 2 vintage 2012 allowances to reduce a ton of emissions. To identify the price of a vintage 2012 allowance, a forecast of \$826 price should be divided by 2 (each allowance required would be priced at \$413)."

Coordinated by: D. Baumann
Prepared by: E. Parker
Approved by: J. McCallister
Approved on: 3/19/2008

Redacted

PROPRIETARY & CONFIDENTIAL for INTERNAL COMPANY USE ONLY
Unit Power Purchases from Southern Companies off Franklin and Scherer Units executed 11/24/04

Term and Quantity

[Redacted]

Gas Pipeline Reservation Charges (sunk)

MMBtu-mo. \$/Month \$/Year

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028

Charges

Capacity Charges: Start Charges= A schedule change from zero

Scherer [Redacted]
 Franklin [Redacted]

Energy (see next tab for details)

Estimates:

Heatrate VOM+EH Emissions

Scherer $E=(HR*Fuel)+VOM+Emissions$ Btu/kWh \$/MWh \$/MWh [Redacted]

Franklin $E=(HR*Fuel)+VOM$ Btu/kWh \$/MWh [Redacted]

Scheduling

Scherer [Redacted]
 Franklin [Redacted]

Transmission and Delivery

Scherer [Redacted]
 Franklin [Redacted]

Availability

Unit Firm:
 Scherer [Redacted]
 Franklin [Redacted]

Prepared by: Tamara Waldmann
 Date: 3/3/2008

Concurring Manager: Bob Nielum
 Date: 3/3/2008

Department: RCO - Term Marketing South

Franklin Fuel should update Columns B and D accordingly

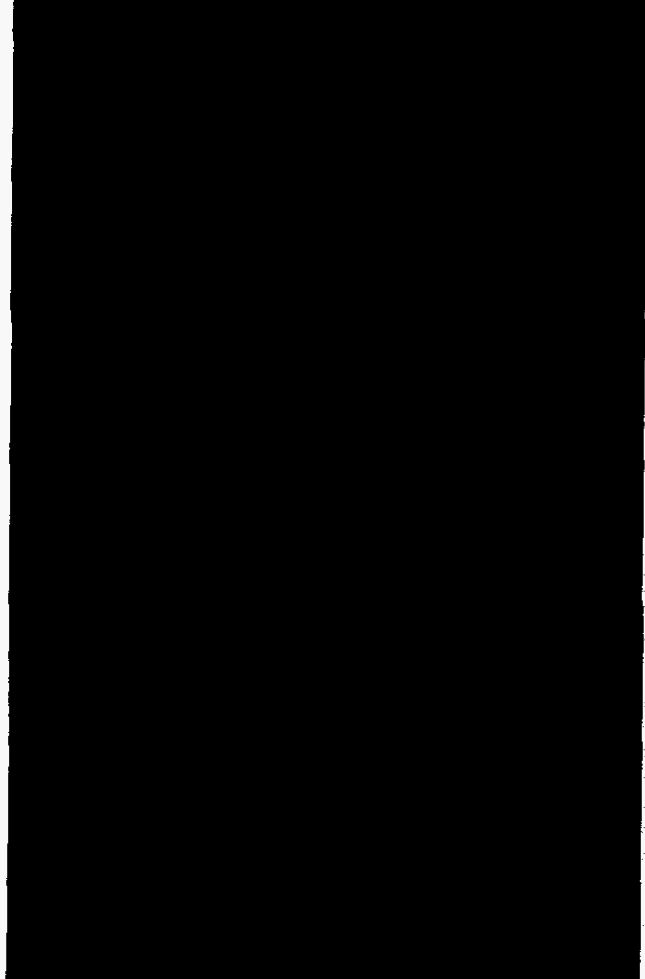
	SNG Gas Daily Midpt Price (\$/MMBtu)	Contract Premium (\$/MMBtu)	Variable Transport Zone 0 to 2 (\$/MMBtu)	ACA &SCRM (\$/MMBtu)	Variable Transport (\$/MMBtu)	Gas Charges (\$/MMBtu)	Energy (Fuel only) (\$/MWh)	Combined VOM (\$/MWh)	Total Energy (\$/MWh)
1/1/2010									
2/1/2010									
3/1/2010									
4/1/2010									
5/1/2010									
6/1/2010									
7/1/2010									
8/1/2010									
9/1/2010									
10/1/2010									
11/1/2010									
12/1/2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									
2020									
2021									
2022									
2023									
2024									
2025									
2026									
2027									
2028									

FOF & GFF modelers to plug in Henry Hub prices from the Natural Gas Price Forecast.
 FOF & GFF modelers to plug in spot prices for CR 4&5 from the Coal Price Forecast.

Current Yr	2008
Esc %	

Schedule Fuel should update Column 1 accordingly

Coal Delivered to CR4&5 (\$MMBtu)	Energy (Fuel only) (\$/MWh)	VOM+FH+ Emiss (\$/MWh)	Total Schedule Energy (\$/MWh)
--	-----------------------------------	------------------------------	---



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UPS Base Energy Rates With weighting and adjustment for supplemental purchases

Year	Month	Miller \$/MWh	Scherer \$/MWh	Base Rate Weighted \$/MWh	Rate Adjustment	Total Weighted \$/MWh
37	2008					
38	2008					
39	2008					
40	2008					
41	2008					
42	2008					
43	2008					
44	2008					
45	2008					
46	2008					
47	2008					
48	2008					
49	2009					
50	2009					
51	2009					
52	2009					
53	2009					
54	2009					
55	2009					
56	2009					
57	2009					
58	2009					
59	2009					
60	2009					
61	2010					
62	2010					
63	2010					
64	2010					
65	2010					

Weighted total should be applied to 99-100% capacity factor to all MWh purchased, (Base/Suppl/Alt. etc...)

Prepared by: Tamara Waldmann
Date: 3/3/2008

Typically, only updated by Southern mid-September of each year, usually available by December.

Concurring Manager: Bob Niekum
Approved on: 3/3/2008

Organization: PV, RCO - Term Marketing South


Regulated Term Marketing
Printed on: 8/13/2009

UPS CAPACITY RATES (IN \$/KW-MO)

<u>APC</u> <u>MILLER 1</u>	<u>APC</u> <u>MILLER 2</u>	<u>APC</u> <u>MILLER 3</u>	<u>APC</u> <u>MILLER 4</u>	<u>GPC</u> <u>SCHERER 3</u>	<u>GULF</u> <u>SCHERER 3</u>	<u>SCS</u> <u>SCHEDULING</u> <u>FEE</u>	<u>APC</u> <u>TRANSMISSION</u>	<u>GPC</u> <u>TRANSMISSION</u>
-------------------------------	-------------------------------	-------------------------------	-------------------------------	--------------------------------	---------------------------------	---	-----------------------------------	-----------------------------------

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UPS CAPACITY RATES (IN \$/KW-MO)

	<u>APC MILLER 1</u>	<u>APC MILLER 2</u>	<u>APC MILLER 3</u>	<u>APC MILLER 4</u>	<u>GPC SCHERER 3</u>	<u>GULF SCHERER 3</u>	<u>SCS SCHEDULING FEE</u>	<u>APC TRANSMISSION</u>	<u>GPC TRANSMISSION</u>
2008									
JAN									
FEB									
MAR									
APR									
MAY									
JUN									
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
TOTAL									

CONFIDENTIAL

UPS CAPACITY RATES (IN \$/KW-MO)

	<u>APC MILLER 1</u>	<u>APC MILLER 2</u>	<u>APC MILLER 3</u>	<u>APC MILLER 4</u>	<u>GPC SCHERER 3</u>	<u>GULF SCHERER 3</u>	<u>SCS SCHEDULING FEE</u>	<u>APC TRANSMISSION</u>	<u>GPC TRANSMISSION</u>
2009									
JAN									
FEB									
MAR									
APR									
MAY									
JUN									
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
TOTAL									
2010									
JAN									
FEB									
MAR									
APR									
MAY									
JUN	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
JUL	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
AUG	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
SEP	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
OCT	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
NOV	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
DEC	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
TOTAL									

Prepared by: Tamara Waldmann
Date: 3/3/2008

Concurring Manager: Bob Niekum
Approved on: 3/3/2008

Organization: PV, RCO - Term Marketing South

Only updated by Southern mid-September of each year, usually available by December.

UPS CAPACITY SALES (IN MEGAWATTS)

1988 UNIT POWER SALES AGREEMENT - FLORIDA POWER CORPORATION

PRO RATA SHARE ONLY WHEN UPS UNITS ARE AT MINIMUM LOAD

(must take during off-peak & off-season times only = 0200-0500, March, April, Nov, Dec)

APC	APC	APC	APC	MILLER	GPC	GULF	SCHERER	TOTAL	PRO RATA SHARE ONLY WHEN UPS UNITS ARE AT MINIMUM LOAD				
MILLER 1	MILLER 2	MILLER 3	MILLER 4	SALES	SCHERER 3	SCHERER 3	SALES	SALES	MILLER 1	MILLER 2	MILLER 3	MILLER 4	SCHERER 3

2008

JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
TOTAL



2009

JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
TOTAL



2010

JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
TOTAL



Prepared by: Tamara Waldmann
Date: 3/3/2008

Concurring Manager: Bob Niekum
Approved on: 3/3/2008

Organization: PV, RCO - Term Marketing South

Only updated by Southern mid-September of each year, usually available by December.

PROJECTED UPS CAPACITY CHARGES (IN THOUSANDS)

1988 UNIT POWER SALES AGREEMENT - FLORIDA POWER CORPORATION

	APC MILLER 1	APC MILLER 2	APC MILLER 3	APC MILLER 4	MILLER PRODUCTION CHARGES	GPC SCHERER 3	GULF SCHERER 3	SCHERER PRODUCTION CHARGES	SCHEDULING CHARGES	TOTAL PRODUCTION CHARGES	TRANS CHARGE FOR MILLER SALES	TRANS CHARGE FOR SCHERER SALES	TOTAL TRANSMISSION CHARGES	TOTAL CAPACITY CHARGES
2008														
JAN	[REDACTED]													
FEB	[REDACTED]													
MAR	[REDACTED]													
APR	[REDACTED]													
MAY	[REDACTED]													
JUN	[REDACTED]													
JUL	[REDACTED]													
AUG	[REDACTED]													
SEP	[REDACTED]													
OCT	[REDACTED]													
NOV	[REDACTED]													
DEC	[REDACTED]													
TOTAL	[REDACTED]													
2009														
JAN	[REDACTED]													
FEB	[REDACTED]													
MAR	[REDACTED]													
APR	[REDACTED]													
MAY	[REDACTED]													
JUN	[REDACTED]													
JUL	[REDACTED]													
AUG	[REDACTED]													
SEP	[REDACTED]													
OCT	[REDACTED]													
NOV	[REDACTED]													
DEC	[REDACTED]													
TOTAL	[REDACTED]													
2010														
JAN	[REDACTED]													
FEB	[REDACTED]													
MAR	[REDACTED]													
APR	[REDACTED]													
MAY	[REDACTED]													
JUN	[REDACTED]													
JUL	[REDACTED]													
AUG	[REDACTED]													
SEP	[REDACTED]													
OCT	[REDACTED]													
NOV	[REDACTED]													
DEC	[REDACTED]													
TOTAL	[REDACTED]													

Prepared by: Tamara Waldmann
Date: 3/3/2008

Concurring Manager: Bob Niekum
Approved on: 3/3/2008

Organization: PV, RCO - Term Marketing South

CONFIDENTIAL

PROPRIETARY & CONFIDENTIAL for INTERNAL COMPANY USE ONLY
Summer 2008 Gas Index PPA (NOT TOLLING) with Cargill

Term and Quantity

[REDACTED]

Charges

[REDACTED]

Fuel - NOT TOLLING

[REDACTED]

Scheduling

[REDACTED]

Delivery Point

[REDACTED]

Availability

[REDACTED]

Prepared by: Tamara Waldmann
Date: 3/3/2008

Concurring Manager: Bob Niekum
Date: 3/3/2008

Department: RCO - Term Marketing South

CONFIDENTIAL

PROPRIETARY & CONFIDENTIAL for INTERNAL COMPANY USE ONLY
Summer 2008 PPA (NOT TOLLING) with RCID Executed 8/14/07

Term and Quantity

[REDACTED]

Charges

[REDACTED]

Fuel

[REDACTED]

Scheduling

[REDACTED]

Delivery Point

[REDACTED]

Availability

[REDACTED]

Prepared by: Tamara Waldmann
Date: 9/14/2007

Concurring Manager: Bob Niekum
Date: 9/14/2007

Department: RCO - Term Marketing South

①

Redacted

Confidential - CF_SUMMER08PPA_RCI_50MW_2007a_091407 Purchase

Reg Comm Ops
Printed on: 8/13/2009

TECO AR1 Purchase

Demand: 70 MW Contract Ends 02/28/2008 kWh Cap ##### cap.

Year	Incremental Energy Price (\$/MWh)	Fuel Adj. to Incremental (\$/MWh)	Non-Fuel Energy Charge (\$/MWh)	Total Energy Cost For Incremental Dispatching	Monthly Demand Charge (\$/KW-Month)	Monthly Customer Charge (\$/Month)
2007						
2008						
2009						
2010						
2011						

Data Supplied by: Tamara Waldmann
 Organization: PV, RCO - Term Marketing South
 Director: Bob Niekum
 03/03/08

Teco gives PEF a preliminary forecast for the upcoming year in October; the FA to \$/MWh is not official until approved for FPSC.
 The FA True-Up \$/Year is not official until Jan of new year. It is based off under/over recovery from prior year's invoices