

# AUSLEY & McMULLEN

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September 25, 2008

HAND DELIVERED

Ms. Ann Cole, Director  
Division of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

RECEIVED-FPSC  
08 SEP 25 PM 3:35  
COMMISSION  
CLERK

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor; FPSC Docket No. 080001-EI

Dear Ms. Cole:


Staff has requested that Tampa Electric Company prepare and submit estimated Schedule E4's, something the company traditionally has not included in its Actual/Estimated True-up filing. Enclosed are the original and fifteen (15) copies of Tampa Electric's estimated Schedule E4 reflecting System Net Generation and Fuel Cost Estimates for the Period July 2008 through December 2008. We would appreciate your distributing these schedules to recipients of the company's August 2008 fuel adjustment filing.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

COM \_\_\_\_\_  
ECR \_\_\_\_\_  
GCL 2  
OPC \_\_\_\_\_  
RCP 3  
SSC \_\_\_\_\_  
SGA 1  
ADM \_\_\_\_\_ JDB/pp  
CLK \_\_\_\_\_ Enclosure

Sincerely,

  
James D. Beasley

cc: All Parties of Record (w/enc.)

DOCUMENT NUMBER-DATE

09065 SEP 25 08

FPSC-COMMISSION CLERK

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: JULY 2008

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. B.B.#1	383	211,514	74.2	75.9	0.1	10,882	COAL	97,531	23,599,984	2,301,730.0	6,725,778	3.18	68.96
2. B.B.#2	383	232,439	81.6	81.5	0.1	10,447	COAL	102,896	23,600,140	2,428,360.0	7,095,751	3.05	68.96
3. B.B.#3	383	212,690	74.6	76.2	0.1	10,716	COAL	96,579	23,599,954	2,279,260.0	6,660,128	3.13	68.96
4. B.B.#4	428	245,969	77.2	79.6	0.1	11,327	COAL	117,835	23,643,739	2,786,060.0	8,125,951	3.30	68.96
5. B.B. STA.	1,577	902,612	76.9	78.4	0.1	10,852	COAL	414,841	23,612,444	9,795,410.0	28,607,608	3.17	68.96
6. PHILLIPS #1 (HVY OIL)	17	133	1.1	83.4	0.1	9,782	HVY OIL	207	6,284,802	1,301.0	21,348	16.05	103.13
7. PHILLIPS #2 (HVY OIL)	17	128	1.0	83.5	0.1	19,945	HVY OIL	199	12,829,146	2,553.0	20,523	16.03	103.13
8. SEB-PHILLIPS TOTAL	34	261	1.0	83.5	0.1	14,766	HVY OIL	406	9,492,498	3,854.0	41,871	16.04	103.13
9. POLK #1 GASIFIER	250	135,248	72.7	-	-	10,678	COAL	54,744	26,381,448	1,444,226.0	4,359,222	3.22	79.63
10. POLK #1 CT OIL	215	4,183	2.6	-	-	10,653	LGT OIL	7,689	5,795,662	44,563.0	1,018,440	24.35	132.45
11. POLK #1 TOTAL	250	139,431	75.0	86.5	0.1	10,678	-	-	-	1,488,789.0	5,377,662	3.86	-
12. POLK #2 CT GAS	149	2,913	2.6	-	-	11,727	GAS	33,200	1,028,916	34,160.0	387,245	13.29	11.66
13. POLK #2 CT OIL	159	153	0.1	-	-	11,582	LGT OIL	300	5,906,667	1,772.0	50,875	33.25	169.58
14. POLK #2 TOTAL	159	3,066	2.6	98.7	0.1	11,720	-	-	-	35,932.0	438,120	14.29	-
15. POLK #3 CT GAS	149	4,999	4.5	-	-	11,835	GAS	57,500	1,028,939	59,164.0	670,681	13.42	11.66
16. POLK #3 CT OIL	164	263	0.2	-	-	11,540	LGT OIL	500	6,070,000	3,035.0	84,792	32.24	169.58
17. POLK #3 TOTAL	164	5,262	4.3	98.7	0.1	11,820	-	-	-	62,199.0	755,473	14.36	-
18. POLK #4 CT GAS	149	10615	9.6	98.7	0.1	12,493	GAS	129,000	1,027,977	132609.0	1,504,657	14.17	11.66
19. POLK #5 CT GAS	149	7744	7.0	98.7	0.1	12,475	GAS	94,000	1,027,755	96609.0	1,096,417	14.16	11.66
20. CITY OF TAMPA GAS	3	159	7.1	100.0	0.1	10,484	GAS	1,600	1,041,875	1,667.0	26,662	16.77	16.66
21. BAYSIDE #1	700	350,544	67.3	94.9	0.1	7,409	GAS	2,526,400	1,028,016	2,597,180.0	29,467,959	8.41	11.66
22. BAYSIDE #2	928	408,450	59.2	94.1	0.1	7,425	GAS	2,950,100	1,028,002	3,032,710.0	34,410,000	8.42	11.66
23. BAYSIDE #3	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. BAYSIDE #4	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
25. BAYSIDE #5	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
26. BAYSIDE #6	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. BAYSIDE TOTAL	1,628	758,994	62.7	94.5	0.1	7,418	GAS	5,476,500	1,028,009	5,629,890.0	63,877,959	8.42	11.66
28. B.B.C.T.#1 OIL	10	16	0.2	65.5	0.1	20,625	LGT OIL	57	5,789,474	330.0	7,667	47.92	134.51
29. B.B.C.T.#2 OIL	49	114	0.3	0.0	0.1	17,149	LGT OIL	337	5,801,187	1,955.0	45,330	39.76	134.51
30. B.B.C.T.#3 OIL	39	73	0.3	0.0	0.1	19,630	LGT OIL	247	5,801,619	1,433.0	33,224	45.51	134.51
31. C.T. TOTAL OIL	98	203	0.3	6.7	0.1	18,315	LGT OIL	641	5,800,312	3,718.0	86,221	42.47	134.51
32. B.B.C.T.#4 GAS	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
33. TOT COAL (BB,POLK)	1,827	1,037,860	76.4	67.6	0.1	10,830	COAL	469,585	23,935,253	11,239,636.0	32,966,830	3.18	70.20
34. SYSTEM	4,211	1,828,347	58.4	86.5	0.1	9,435	-	-	-	17,250,677.0	101,812,650	5.57	-

LEGEND:  
B.B. = BIG BEND  
C.T. = COMBUSTION TURBINE

SEB-PHIL = SEBRING-PHILLIPS

DOCUMENT NUMBER-DATE  
09065 SEP 25 08  
FPSC-COMMISSION CLERK

TAMPA ELECTRIC COMPANY  
 SYSTEM NET GENERATION AND FUEL COST  
 ESTIMATED FOR THE PERIOD: AUGUST 2008

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. B.B.#1	383	211,484	74.2	75.9	0.1	10,882	COAL	97,517	23,600,090	2,301,410.0	6,995,196	3.31	71.73
2. B.B.#2	383	232,423	81.6	81.5	0.1	10,447	COAL	102,890	23,600,058	2,428,210.0	7,380,618	3.18	71.73
3. B.B.#3	383	211,907	74.4	76.2	0.1	10,718	COAL	96,241	23,600,025	2,271,290.0	6,903,665	3.26	71.73
4. B.B.#4	428	245,453	77.1	79.6	0.1	11,329	COAL	117,610	23,643,908	2,780,760.0	8,436,529	3.44	71.73
5. B.B. STA.	1,577	901,267	76.8	78.4	0.1	10,853	COAL	414,258	23,612,507	9,781,670.0	29,716,008	3.30	71.73
6. PHILLIPS #1 (HVY OIL)	17	237	1.9	83.4	0.1	9,731	HVY OIL	368	6,266,775	2,306.2	40,802	17.22	110.88
7. PHILLIPS #2 (HVY OIL)	17	242	1.9	83.5	0.1	19,260	HVY OIL	375	12,429,333	4,661.0	41,578	17.18	110.87
8. SEB-PHILLIPS TOTAL	34	479	1.9	83.5	0.1	14,545	HVY OIL	743	9,377,084	6,967.2	82,380	17.20	110.87
9. POLK #1 GASIFIER	250	135,766	73.0	-	-	10,667	COAL	54,033	26,802,250	1,448,206.0	4,279,231	3.15	79.20
10. POLK #1 CT OIL	215	4,199	2.6	-	-	10,642	LGT OIL	7,710	5,795,850	44,686.0	1,071,575	25.52	138.99
11. POLK #1 TOTAL	250	139,965	75.3	86.5	0.1	10,666	-	-	-	1,492,892.0	5,350,806	3.82	-
12. POLK #2 CT GAS	149	2,986	2.7	-	-	12,216	GAS	35,500	1,027,521	36,477.0	433,997	14.53	12.23
13. POLK #2 CT OIL	159	157	0.1	-	-	11,726	LGT OIL	300	6,136,667	1,841.0	51,206	32.62	170.69
14. POLK #2 TOTAL	159	3,143	2.7	98.7	0.1	12,192	-	-	-	38,318.0	485,203	15.44	-
15. POLK #3 CT GAS	149	5,523	5.0	-	-	12,542	GAS	67,400	1,027,730	69,269.0	823,984	14.92	12.23
16. POLK #3 CT OIL	164	291	0.2	-	-	11,986	LGT OIL	600	5,813,333	3,488.0	102,411	35.19	170.69
17. POLK #3 TOTAL	164	5,814	4.8	98.7	0.1	12,514	-	-	-	72,757.0	926,395	15.93	-
18. POLK #4 CT GAS	149	14368	13.0	98.7	0.1	12,012	GAS	167,900	1,027,892	172583.0	2,052,625	14.29	12.23
19. POLK #5 CT GAS	149	7957	7.2	98.7	0.1	12,685	GAS	98,200	1,027,851	100935.0	1,200,523	15.09	12.23
20. CITY OF TAMPA GAS	3	158	7.1	100.0	0.1	10,437	GAS	1,600	1,030,625	1,649.0	26,810	16.97	16.76
21. BAYSIDE #1	700	354,195	68.0	94.9	0.1	7,408	GAS	2,552,400	1,028,021	2,623,920.0	31,203,806	8.81	12.23
22. BAYSIDE #2	928	415,601	60.2	94.1	0.1	7,424	GAS	3,001,300	1,027,991	3,085,310.0	36,691,735	8.83	12.23
23. BAYSIDE #3	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. BAYSIDE #4	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
25. BAYSIDE #5	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
26. BAYSIDE #6	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. BAYSIDE TOTAL	1,628	769,796	63.6	94.5	0.1	7,417	GAS	5,553,700	1,028,005	5,709,230.0	67,895,541	8.82	12.23
28. B.B.C.T.#1 OIL	10	13	0.2	65.5	0.1	21,000	LGT OIL	47	5,808,511	273.0	6,446	49.58	137.15
29. B.B.C.T.#2 OIL	49	98	0.3	0.0	0.1	17,102	LGT OIL	289	5,799,308	1,676.0	39,635	40.44	137.15
30. B.B.C.T.#3 OIL	39	61	0.2	0.0	0.1	19,721	LGT OIL	208	5,783,654	1,203.0	28,526	46.76	137.14
31. C.T. TOTAL OIL	98	172	0.2	6.7	0.1	18,326	LGT OIL	544	5,794,118	3,152.0	74,607	43.38	137.15
32. B.B.C.T.#4 GAS	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
33. TOT COAL (BB,POLK)	1,827	1,037,033	76.3	67.6	0.1	10,829	COAL	468,291	23,980,551	11,229,876.0	33,995,239	3.28	72.59
34. SYSTEM	4,211	1,843,119	58.8	86.5	0.1	9,430	-	-	-	17,380,153.2	107,810,898	5.85	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

**TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: SEPTEMBER 2008**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. B.B.#1	383	204,629	74.2	75.9	0.1	10,791	COAL	93,564	23,600,103	2,208,120.0	6,864,359	3.35	73.37
2. B.B.#2	383	224,945	81.6	81.5	0.1	10,394	COAL	99,074	23,599,935	2,338,140.0	7,268,603	3.23	73.37
3. B.B.#3	383	205,551	74.5	76.2	0.1	10,635	COAL	92,627	23,599,922	2,185,990.0	6,795,616	3.31	73.37
4. B.B.#4	428	237,810	77.2	79.6	0.1	11,258	COAL	113,229	23,643,766	2,677,160.0	8,307,090	3.49	73.37
5. B.B. STA.	1,577	872,935	76.9	78.4	0.1	10,779	COAL	398,494	23,612,426	9,409,410.0	29,235,668	3.35	73.37
6. PHILLIPS #1 (HVY OIL)	17	35	0.3	83.4	0.1	9,735	HVY OIL	54	6,309,913	340.7	6,344	18.13	117.48
7. PHILLIPS #2 (HVY OIL)	17	33	0.3	83.5	0.1	20,061	HVY OIL	52	12,730,769	662.0	6,109	18.51	117.48
8. SEB-PHILLIPS TOTAL	34	68	0.3	83.5	0.1	14,746	HVY OIL	106	9,459,767	1,002.7	12,453	18.31	117.48
9. POLK #1 GASIFIER	250	131,380	73.0	-	-	10,668	COAL	52,288	26,804,353	1,401,546.0	4,169,915	3.17	79.75
10. POLK #1 CT OIL	215	4,063	2.6	-	-	10,643	LGT OIL	7,461	5,795,872	43,243.0	1,077,918	26.53	144.47
11. POLK #1 TOTAL	250	135,443	75.2	86.5	0.1	10,667	-	-	-	1,444,789.0	5,247,833	3.87	-
12. POLK #2 CT GAS	149	806	0.8	-	-	12,163	GAS	9,600	1,021,146	9,803.0	121,743	15.10	12.68
13. POLK #2 CT OIL	159	42	0.0	-	-	11,667	LGT OIL	100	4,900,000	490.0	17,213	40.98	172.13
14. POLK #2 TOTAL	159	848	0.7	98.7	0.1	12,138	-	-	-	10,293.0	138,956	16.39	-
15. POLK #3 CT GAS	149	2,219	2.1	-	-	11,819	GAS	25,500	1,028,510	26,227.0	323,381	14.57	12.68
16. POLK #3 CT OIL	164	117	0.1	-	-	11,573	LGT OIL	200	6,770,000	1,354.0	34,427	29.42	172.14
17. POLK #3 TOTAL	164	2,336	2.0	98.7	0.1	11,807	-	-	-	27,581.0	357,808	15.32	-
18. POLK #4 CT GAS	149	5145	4.8	98.7	0.1	12,228	GAS	61,200	1,027,974	62912.0	776,114	15.08	12.68
19. POLK #5 CT GAS	149	3371	3.1	98.7	0.1	12,254	GAS	40,200	1,027,537	41307.0	509,801	15.12	12.68
20. CITY OF TAMPA GAS	3	104	4.8	100.0	0.1	10,462	GAS	1,100	989,091	1,088.0	18,511	17.80	16.83
21. BAYSIDE #1	700	321,167	63.7	94.9	0.1	7,412	GAS	2,315,700	1,027,996	2,380,530.0	29,366,796	9.14	12.68
22. BAYSIDE #2	928	362,684	54.3	94.1	0.1	7,427	GAS	2,620,400	1,027,965	2,693,680.0	33,230,884	9.16	12.68
23. BAYSIDE #3	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. BAYSIDE #4	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
25. BAYSIDE #5	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
26. BAYSIDE #6	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. BAYSIDE TOTAL	1,628	683,851	58.3	94.5	0.1	7,420	GAS	4,936,100	1,027,980	5,074,210.0	62,597,682	9.15	12.68
28. B.B.C.T.#1 OIL	10	4	0.1	65.5	0.1	19,250	LGT OIL	13	5,923,077	77.0	1,821	45.53	140.08
29. B.B.C.T.#2 OIL	49	29	0.1	0.0	0.1	17,034	LGT OIL	85	5,811,765	494.0	11,905	41.05	140.06
30. B.B.C.T.#3 OIL	39	18	0.1	0.0	0.1	19,667	LGT OIL	61	5,803,279	354.0	8,544	47.47	140.07
31. C.T. TOTAL OIL	98	51	0.1	6.7	0.1	18,137	LGT OIL	159	5,817,610	925.0	22,270	43.67	140.06
32. B.B.C.T.#4 GAS	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
33. TOT COAL (BB,POLK)	1,827	1,004,315	76.3	67.6	0.1	10,765	COAL	450,782	23,982,670	10,810,956.0	33,405,583	3.33	74.11
34. SYSTEM	4,211	1,704,152	56.2	86.5	0.1	9,432	-	-	-	16,073,517.7	98,917,096	5.80	-

## LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

TAMPA ELECTRIC COMPANY  
 SYSTEM NET GENERATION AND FUEL COST  
 ESTIMATED FOR THE PERIOD: OCTOBER 2008

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. B.B.#1	383	211,706	74.3	75.9	0.1	10,693	COAL	95,926	23,599,962	2,263,850.0	7,180,799	3.39	74.86
2. B.B.#2	383	232,427	81.6	81.5	0.1	10,340	COAL	101,835	23,599,941	2,403,300.0	7,623,133	3.28	74.86
3. B.B.#3	383	213,517	74.9	76.2	0.1	10,589	COAL	95,799	23,599,933	2,260,850.0	7,171,292	3.36	74.86
4. B.B.#4	428	246,722	77.5	79.6	0.1	11,132	COAL	116,167	23,643,720	2,746,620.0	8,695,994	3.52	74.86
5. B.B. STA.	1,577	904,372	77.1	78.4	0.1	10,698	COAL	409,727	23,612,357	9,674,620.0	30,671,218	3.39	74.86
6. PHILLIPS #1 (HVY OIL)	17	8	0.1	83.4	0.1	9,625	HVY OIL	13	5,923,077	77.0	1,407	17.59	108.23
7. PHILLIPS #2 (HVY OIL)	17	8	0.1	83.5	0.1	19,250	HVY OIL	12	12,833,333	154.0	1,299	16.24	108.25
8. SEB-PHILLIPS TOTAL	34	16	0.1	83.5	0.1	14,438	HVY OIL	25	9,240,000	231.0	2,706	16.91	108.24
9. POLK #1 GASIFIER	250	114,113	61.4	-	-	10,669	COAL	45,405	26,814,139	1,217,496.0	3,663,269	3.21	80.68
10. POLK #1 CT OIL	215	3,529	2.2	-	-	10,640	LGT OIL	6,479	5,795,647	37,550.0	963,766	27.31	148.75
11. POLK #1 TOTAL	250	117,642	63.2	72.6	0.1	10,668	-	-	-	1,255,046.0	4,627,035	3.93	-
12. POLK #2 CT GAS	149	1,397	1.3	-	-	12,942	GAS	17,500	1,033,143	18,080.0	222,187	15.90	12.70
13. POLK #2 CT OIL	159	74	0.1	-	-	12,149	LGT OIL	200	4,495,000	899.0	34,705	46.90	173.53
14. POLK #2 TOTAL	159	1,471	1.2	98.7	0.1	12,902	-	-	-	18,979.0	256,892	17.46	-
15. POLK #3 CT GAS	149	519	0.5	-	-	13,913	GAS	7,000	1,031,571	7,221.0	88,875	17.12	12.70
16. POLK #3 CT OIL	164	27	0.0	-	-	12,111	LGT OIL	100	3,270,000	327.0	17,353	64.27	173.53
17. POLK #3 TOTAL	164	546	0.4	50.9	0.1	13,824	-	-	-	7,548.0	106,228	19.46	-
18. POLK #4 CT GAS	149	4319	3.9	98.7	0.1	13,689	GAS	57,500	1,028,209	59122.0	730,042	16.90	12.70
19. POLK #5 CT GAS	149	2891	2.6	98.7	0.1	13,907	GAS	39,100	1,028,286	40206.0	496,429	17.17	12.70
20. CITY OF TAMPA GAS	3	48	2.2	100.0	0.0	10,521	GAS	500	1,010,000	505.0	8,399	17.50	16.80
21. BAYSIDE #1	700	220,878	42.4	73.5	0.1	7,358	GAS	1,581,000	1,028,020	1,625,300.0	20,072,983	9.09	12.70
22. BAYSIDE #2	928	288,878	41.8	94.1	0.1	7,446	GAS	2,092,300	1,028,041	2,150,970.0	26,564,644	9.20	12.70
23. BAYSIDE #3	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. BAYSIDE #4	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
25. BAYSIDE #5	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
26. BAYSIDE #6	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. BAYSIDE TOTAL	1,628	509,756	42.1	85.2	0.1	7,408	GAS	3,673,300	1,028,032	3,776,270.0	46,637,627	9.15	12.70
28. B.B.C.T.#1 OIL	10	1	0.0	65.5	0.2	12,000	LGT OIL	2	6,000,000	12.0	283	28.30	141.50
29. B.B.C.T.#2 OIL	49	6	0.0	0.0	0.1	18,833	LGT OIL	19	5,947,368	113.0	2,690	44.83	141.58
30. B.B.C.T.#3 OIL	39	4	0.0	0.0	0.1	18,250	LGT OIL	13	5,615,385	73.0	1,841	46.03	141.62
31. C.T. TOTAL OIL	98	11	0.0	6.7	0.1	18,000	LGT OIL	34	5,823,529	198.0	4,814	43.76	141.59
32. B.B.C.T.#4 GAS	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
33. TOT COAL (BB,POLK)	1,827	1,018,485	74.9	67.6	0.1	10,694	COAL	455,132	23,931,774	10,892,116.0	34,334,487	3.37	75.44
34. SYSTEM	4,211	1,541,072	49.2	80.2	0.1	9,625	-	-	-	14,832,725.0	83,541,390	5.42	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

TAMPA ELECTRIC COMPANY  
 SYSTEM NET GENERATION AND FUEL COST  
 ESTIMATED FOR THE PERIOD: NOVEMBER 2008

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. B.B.#1	383	143,599	52.1	53.2	0.1	10,670	COAL	64,926	23,599,945	1,532,250.0	4,920,387	3.43	75.78
2. B.B.#2	383	202,451	73.4	73.3	0.1	10,354	COAL	88,821	23,600,050	2,096,180.0	6,731,258	3.32	75.78
3. B.B.#3	383	207,505	75.2	76.2	0.1	10,556	COAL	92,818	23,600,056	2,190,510.0	7,034,169	3.39	75.78
4. B.B.#4	428	128,116	41.6	42.5	0.1	11,151	COAL	60,423	23,643,811	1,428,630.0	4,579,129	3.57	75.78
5. B.B. STA.	1,577	681,671	60.0	60.8	0.1	10,632	COAL	306,988	23,608,643	7,247,570.0	23,264,943	3.41	75.78
6. PHILLIPS #1 (HVY OIL)	17	0	0.0	83.4	0.0	0	HVY OIL	1	4,500,000	4.5	104	0.00	104.00
7. PHILLIPS #2 (HVY OIL)	17	0	0.0	83.5	0.0	0	HVY OIL	1	9,000,000	9.0	104	0.00	104.00
8. SEB-PHILLIPS TOTAL	34	0	0.0	83.5	0.0	0	HVY OIL	2	6,750,000	13.5	208	0.00	104.00
9. POLK #1 GASIFIER	250	131,648	73.1	-	-	10,663	COAL	52,369	26,804,331	1,403,716.0	4,231,558	3.21	80.80
10. POLK #1 CT OIL	215	4,072	2.6	-	-	10,636	LGT OIL	7,472	5,796,306	43,310.0	1,143,661	28.09	153.06
11. POLK #1 TOTAL	250	135,720	75.4	86.5	0.1	10,662	-	-	-	1,447,026.0	5,375,219	3.96	-
12. POLK #2 CT GAS	149	988	0.9	-	-	14,153	GAS	13,600	1,028,162	13,983.0	178,062	18.02	13.09
13. POLK #2 CT OIL	159	52	0.0	-	-	12,635	LGT OIL	100	6,570,000	657.0	17,468	33.59	174.68
14. POLK #2 TOTAL	159	1,040	0.9	88.8	0.1	14,077	-	-	-	14,640.0	195,530	18.80	-
15. POLK #3 CT GAS	149	69	0.1	-	-	11,681	GAS	800	1,007,500	806.0	10,474	15.18	13.09
16. POLK #3 CT OIL	164	4	0.0	-	-	10,500	LGT OIL	0	0	42.0	0	0.00	0.00
17. POLK #3 TOTAL	164	73	0.1	98.7	0.1	11,616	-	-	-	848.0	10,474	14.35	-
18. POLK #4 CT GAS	149	2706	2.5	88.8	0.1	13,284	GAS	35,000	1,027,057	35947.0	458,247	16.93	13.09
19. POLK #5 CT GAS	149	1575	1.5	88.8	0.1	14,143	GAS	21,700	1,026,544	22276.0	284,113	18.04	13.09
20. CITY OF TAMPA GAS	3	107	5.0	100.0	0.2	10,477	GAS	1,100	1,019,091	1,121.0	18,522	17.31	16.84
21. BAYSIDE #1	700	229,529	45.5	94.9	0.1	7,353	GAS	1,641,800	1,027,975	1,687,730.0	21,495,735	9.37	13.09
22. BAYSIDE #2	928	218,695	32.7	72.2	0.1	7,451	GAS	1,585,200	1,027,990	1,629,570.0	20,754,683	9.49	13.09
23. BAYSIDE #3	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. BAYSIDE #4	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
25. BAYSIDE #5	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
26. BAYSIDE #6	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. BAYSIDE TOTAL	1,628	448,224	38.2	81.9	0.1	7,401	GAS	3,227,000	1,027,983	3,317,300.0	42,250,418	9.43	13.09
28. B.B.C.T.#1 OIL	10	1	0.0	65.5	0.1	26,000	LGT OIL	4	6,500,000	26.0	572	57.20	143.00
29. B.B.C.T.#2 OIL	49	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
30. B.B.C.T.#3 OIL	39	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
31. C.T. TOTAL OIL	98	1	0.0	6.7	0.1	26,000	LGT OIL	4	6,500,000	26.0	572	57.20	143.00
32. B.B.C.T.#4 GAS	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
33. TOT COAL (BB,POLK)	1,827	813,319	61.8	52.4	0.1	10,637	COAL	359,357	24,074,349	8,651,286.0	27,496,501	3.38	76.52
34. SYSTEM	4,211	1,271,117	41.9	74.0	0.1	9,509	-	-	-	12,086,767.5	71,858,246	5.65	-

LEGEND:

B.B. = BIG BEND  
 C.T. = COMBUSTION TURBINE  
 SEB-PHIL = SEBRING-PHILLIPS

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: DECEMBER 2008

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. B.B.#1	393	111,134	38.0	39.2	0.1	10,839	COAL	50,100	23,600,000	1,182,360.0	3,818,141	3.44	76.21
2. B.B.#2	393	7,612	2.6	2.6	0.1	10,364	COAL	3,343	23,597,966	78,888.0	254,771	3.35	76.21
3. B.B.#3	393	218,826	74.8	76.2	0.1	10,555	COAL	97,870	23,599,980	2,309,730.0	7,458,712	3.41	76.21
4. B.B.#4	428	250,189	78.6	79.6	0.1	11,109	COAL	117,554	23,643,857	2,779,430.0	8,958,838	3.58	76.21
5. B.B. STA.	1,607	587,761	49.2	50.1	0.1	10,804	COAL	268,867	23,619,143	6,350,408.0	20,490,462	3.49	76.21
6. PHILLIPS #1 (HVY OIL)	18	0	0.0	83.4	0.0	0	HVY OIL	0	0	0.0	0	0.00	0.00
7. PHILLIPS #2 (HVY OIL)	18	0	0.0	83.5	0.0	0	HVY OIL	0	0	0.0	0	0.00	0.00
8. SEB-PHILLIPS TOTAL	36	0	0.0	83.5	0.0	0	HVY OIL	0	0	0.0	0	0.00	0.00
9. POLK #1 GASIFIER	255	136,322	71.9	-	-	10,657	COAL	54,202	26,802,074	1,452,726.0	4,447,564	3.26	82.06
10. POLK #1 CT OIL	235	4,216	2.4	-	-	10,632	LGT OIL	7,734	5,795,966	44,826.0	1,213,806	28.79	156.94
11. POLK #1 TOTAL	255	140,538	74.1	86.5	0.1	10,656	-	-	-	1,497,552.0	5,661,370	4.03	-
12. POLK #2 CT GAS	184	33	0.0	-	-	11,818	GAS	400	975,000	390.0	5,544	16.80	13.86
13. POLK #2 CT OIL	184	2	0.0	-	-	10,500	LGT OIL	0	0	21.0	0	0.00	0.00
14. POLK #2 TOTAL	184	35	0.0	98.7	0.1	11,743	-	-	-	411.0	5,544	15.84	-
15. POLK #3 CT GAS	184	7	0.0	-	-	12,714	GAS	100	890,000	89.0	1,386	19.80	13.86
16. POLK #3 CT OIL	184	0	0.0	-	-	0	LGT OIL	0	0	5.0	0	0.00	0.00
17. POLK #3 TOTAL	184	7	0.0	98.7	0.0	13,429	-	-	-	94.0	1,386	19.80	-
18. POLK #4 CT GAS	184	1536	1.1	98.7	0.0	14,136	GAS	21,200	1,024,198	21713.0	293,820	19.13	13.86
19. POLK #5 CT GAS	184	1001	0.7	98.7	0.0	14,272	GAS	13,900	1,027,770	14286.0	192,646	19.25	13.86
20. CITY OF TAMPA GAS	3	0	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
21. BAYSIDE #1	791	373,778	63.5	94.9	0.1	7,269	GAS	2,643,200	1,027,974	2,717,140.0	36,633,239	9.80	13.86
22. BAYSIDE #2	1,046	215,708	27.7	94.1	0.1	7,419	GAS	1,556,700	1,028,021	1,600,320.0	21,574,971	10.00	13.86
23. BAYSIDE #3	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. BAYSIDE #4	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
25. BAYSIDE #5	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
26. BAYSIDE #6	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. BAYSIDE TOTAL	1,837	589,486	43.1	94.5	0.1	7,324	GAS	4,199,900	1,027,991	4,317,460.0	58,208,210	9.87	13.86
28. B.B.C.T.#1 OIL	11	0	0.0	65.5	0.0	0	LGT OIL	0	0	2.0	0	0.00	0.00
29. B.B.C.T.#2 OIL	79	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
30. B.B.C.T.#3 OIL	39	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	100	0.00	0.00
31. C.T. TOTAL OIL	129	0	0.0	5.6	0.0	0	LGT OIL	0	0	2.0	100	0.00	0.00
32. B.B.C.T.#4 GAS	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
33. TOT COAL (BB,POLK)	1,862	724,083	52.3	43.2	0.1	10,777	COAL	323,069	24,153,150	7,803,134.0	24,938,026	3.44	77.19
34. SYSTEM	4,603	1,320,364	38.6	76.6	0.1	9,241	-	-	-	12,201,926.0	84,853,538	6.43	-

## LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE