

# AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

August 11, 2009

HAND DELIVERED

RECEIVED--FPSC  
09 AUG 11 PM 2:14  
COMMISSION  
CLERK

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

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 090001-EI

Dear Ms. Cole:

On August 4, 2009 we filed on behalf of Tampa Electric Company Prepared Direct Testimony of Carlos Aldazabal together with his Exhibit (CA-2) addressing the company's Fuel and Purchased Power Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for January 2009 through December 2009. Included in that exhibit were Schedules E3 and E4 which reflected incorrect generation MWHs and MMBTUs for Tampa Electric's generating units.

Enclosed on behalf of Tampa Electric are the original and fifteen (15) copies each of corrected versions of Schedules E3 and E4 for July through December of 2009, each marked "Revised 8/11/09." The corrections effected by this revised filing do not impact the adjustment factors. We would appreciate your circulating the enclosed revised versions to recipients of the original filing so that they may substitute these pages in place of the ones contained in that earlier 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.

Sincerely,

*James D. Beasley*  
(pp)

James D. Beasley

JDB/pp  
Enclosure

cc: Paula K. Brown (w/enc.)  
Sid Matlock (w/enc.)  
All Parties of Record (w/enc.)

DOCUMENT NUMBER-DATE

08327 AUG 11 09

FPSC-COMMISSION CLERK

COM 5  
ECR  
CCL 2  
GPC  
BCP 1  
SNC  
SGA 2  
ADM  
CLK 1

TAMPA ELECTRIC COMPANY  
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
 ESTIMATED FOR THE PERIOD: JULY 2009 THROUGH DECEMBER 2009

SCHEDULE E3  
 REVISED 8/11/09

	Estimated						TOTAL
	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1. HEAVY OIL	8,666	5,901	2,070	142	0	212	2,854,011
2. LIGHT OIL	677,774	640,713	611,517	609,693	490,657	642,509	7,641,063
3. COAL	25,912,554	29,654,140	30,867,262	28,132,179	30,296,571	26,258,170	309,602,128
4. NATURAL GAS	58,469,913	54,104,063	47,084,269	42,064,099	25,922,632	38,336,865	539,808,873
5. NUCLEAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
<b>7. TOTAL (\$)</b>	<b>85,068,907</b>	<b>84,404,817</b>	<b>78,565,118</b>	<b>70,806,113</b>	<b>56,709,860</b>	<b>65,237,756</b>	<b>859,906,075</b>
<b>SYSTEM NET GENERATION (MWH)</b>							
8. HEAVY OIL	67	41	16	2	0	2	23,454
9. LIGHT OIL	3,951	3,831	3,738	3,784	3,081	4,068	44,815
10. COAL	763,725	878,019	930,407	859,160	913,843	797,845	9,459,118
11. NATURAL GAS	1,073,453	1,037,367	866,896	786,796	434,467	600,895	9,174,991
12. NUCLEAR	0	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0	0
<b>14. TOTAL (MWH)</b>	<b>1,841,196</b>	<b>1,919,258</b>	<b>1,801,057</b>	<b>1,649,742</b>	<b>1,351,391</b>	<b>1,402,810</b>	<b>18,702,378</b>
<b>UNITS OF FUEL BURNED</b>							
15. HEAVY OIL (BBL)	104	65	25	2	0	3	37,498
16. LIGHT OIL (BBL)	12,826	14,354	15,902	15,962	14,601	13,734	125,559
17. COAL (TON)	356,525	408,589	428,750	391,443	419,307	365,587	4,323,070
18. NATURAL GAS (MCF)	8,010,800	7,730,100	6,366,200	5,700,400	3,125,400	4,345,900	67,140,214
19. NUCLEAR (MMBTU)	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
<b>BTUS BURNED (MMBTU)</b>							
21. HEAVY OIL	986	615	234	21	0	26	235,765
22. LIGHT OIL	43,393	41,948	40,674	41,023	33,137	43,561	457,223
23. COAL	8,316,306	9,544,637	10,030,506	9,202,726	9,774,096	8,502,096	101,185,059
24. NATURAL GAS	8,234,621	7,946,141	6,544,203	5,860,128	3,212,796	4,467,589	68,938,299
25. NUCLEAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
<b>27. TOTAL (MMBTU)</b>	<b>16,595,306</b>	<b>17,533,341</b>	<b>16,615,617</b>	<b>15,103,898</b>	<b>13,020,029</b>	<b>13,013,272</b>	<b>170,816,345</b>
<b>GENERATION MIX (% MWH)</b>							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.13
29. LIGHT OIL	0.21	0.20	0.21	0.23	0.23	0.29	0.24
30. COAL	41.49	45.75	51.66	52.08	67.62	56.87	50.57
31. NATURAL GAS	58.30	54.05	48.13	47.69	32.15	42.84	49.06
32. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>34. TOTAL (%)</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
<b>FUEL COST PER UNIT</b>							
35. HEAVY OIL (\$/BBL)	83.33	90.78	82.80	71.00	0.00	70.67	76.11
36. LIGHT OIL (\$/BBL)	52.84	44.64	38.46	38.20	33.60	46.78	60.86
37. COAL (\$/TON)	72.68	72.58	71.99	71.87	72.25	71.82	71.62
38. NATURAL GAS (\$/MCF)	7.30	7.00	7.40	7.38	8.29	8.82	8.04
39. NUCLEAR (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>							
41. HEAVY OIL	8.79	9.59	8.85	6.76	0.00	8.31	12.11
42. LIGHT OIL	15.62	15.27	15.03	14.86	14.81	14.75	16.71
43. COAL	3.12	3.11	3.08	3.06	3.10	3.09	3.06
44. NATURAL GAS	7.10	6.81	7.19	7.18	8.07	8.58	7.83
45. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>47. TOTAL (\$/MMBTU)</b>	<b>5.13</b>	<b>4.81</b>	<b>4.73</b>	<b>4.69</b>	<b>4.36</b>	<b>5.01</b>	<b>5.03</b>
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48. HEAVY OIL	14,715	15,011	14,625	10,500	0	12,750	10,052
49. LIGHT OIL	10,983	10,950	10,881	10,841	10,755	10,708	10,202
50. COAL	10,889	10,871	10,781	10,711	10,696	10,656	10,697
51. NATURAL GAS	7,671	7,660	7,549	7,448	7,395	7,435	7,514
52. NUCLEAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
<b>54. TOTAL (BTU/KWH)</b>	<b>9,013</b>	<b>9,135</b>	<b>9,225</b>	<b>9,155</b>	<b>9,635</b>	<b>9,277</b>	<b>9,133</b>
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>							
55. HEAVY OIL	12.93	14.39	12.94	7.10	0.00	10.60	12.17
56. LIGHT OIL	17.15	16.72	16.36	18.11	15.93	15.79	17.05
57. COAL	3.39	3.38	3.32	3.27	3.32	3.29	3.27
58. NATURAL GAS	5.45	5.22	5.43	5.35	5.97	6.38	5.88
59. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>61. TOTAL (CENTS/KWH)</b>	<b>4.62</b>	<b>4.40</b>	<b>4.36</b>	<b>4.29</b>	<b>4.20</b>	<b>4.65</b>	<b>4.60</b>

DOCUMENT NUMBER-DATE

08327 AUG 11 8

15

FPSC-COMMISSION CLERK

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: JULY 2009

(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	379	183,268	65.0	81.5	0.1	10,993	COAL	85,370	23,599,977	2,014,730.0	6,111,093	3.33	71.58
2. B.B.#2	385	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
3. B.B.#3	381	232,406	82.0	83.3	0.1	10,756	COAL	107,749	23,200,030	2,499,780.0	7,713,062	3.32	71.58
4. B.B.#4	417	231,475	74.6	76.4	0.1	10,926	COAL	114,957	22,000,052	2,529,060.0	8,273,974	3.57	71.97
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	5,331	-	-	474,735	-	89.05
5. B.B. STATION	1,562	647,149	56.7	60.5	0.1	10,884	-	-	-	7,043,570.0	22,572,864	3.49	-
6. SEB-PHILLIPS #1 (HVY OIL)	18	34	0.3	83.2	0.1	9,761	HVY OIL	53	6,261,898	331.9	4,060	11.94	76.60
7. SEB-PHILLIPS #2 (HVY OIL)	18	33	0.3	83.1	0.1	19,818	HVY OIL	51	12,823,529	654.0	3,907	11.84	76.61
SEB-PHILLIPS IGNITION	-	-	-	-	-	-	LGT OIL	9	-	-	699	-	77.67
8. SEB-PHILLIPS TOTAL	35	67	0.3	83.1	0.1	14,715	-	-	-	985.9	8,666	12.93	-
9. POLK #1 GASIFIER	235	116,576	66.7	-	-	10,918	COAL	48,449	26,269,603	1,272,736.0	3,339,690	2.86	68.93
10. POLK #1 CT OIL	215	3,605	2.3	-	-	10,890	LGT OIL	6,773	5,796,397	39,259.0	613,220	17.01	90.54
11. POLK #1 TOTAL	235	120,181	68.7	77.1	0.1	10,917	-	-	-	1,311,995.0	3,952,910	3.29	-
12. POLK #2 CT GAS	151	4,701	4.2	-	-	12,475	GAS	57,100	1,027,093	58,647.0	416,983	8.87	7.30
13. POLK #2 CT OIL	158	145	0.1	-	-	11,869	LGT OIL	297	5,794,613	1,721.0	26,890	18.54	90.54
14. POLK #2 TOTAL	158	4,846	4.1	98.9	0.1	12,457	-	-	-	60,368.0	443,873	9.16	-
15. POLK #3 CT GAS	151	6,511	5.8	-	-	12,521	GAS	79,300	1,028,033	81,523.0	579,103	8.89	7.30
16. POLK #3 CT OIL	158	201	0.2	-	-	12,005	LGT OIL	416	5,800,481	2,413.0	37,664	18.74	90.54
17. POLK #3 TOTAL	158	6,712	5.7	98.9	0.1	12,505	-	-	-	83,936.0	616,767	9.19	-
18. POLK #4 CT GAS	151	10,637	9.5	98.9	0.1	12,639	GAS	130,800	1,027,798	134,436.0	955,191	8.98	7.30
19. POLK #5 CT GAS	151	13,721	12.2	98.9	0.1	12,597	GAS	168,100	1,028,257	172,850.0	1,227,581	8.95	7.30
20. CITY OF TAMPA GAS	6	1,829	41.0	100.0	0.1	10,459	GAS	19,100	1,001,571	19,130.0	109,081	5.96	5.71
21. BAYSIDE #1	701	427,486	82.0	95.5	0.1	7,409	GAS	3,081,000	1,028,004	3,167,280.0	22,499,558	5.26	7.30
22. BAYSIDE #2	929	577,638	83.6	96.6	0.1	7,379	GAS	4,146,200	1,028,002	4,262,300.0	30,278,373	5.24	7.30
23. BAYSIDE #3	56	7,163	17.2	99.9	0.1	10,943	GAS	76,300	1,027,339	78,386.0	557,195	7.78	7.30
24. BAYSIDE #4	56	6,836	16.4	99.9	0.1	10,947	GAS	72,700	1,029,326	74,832.0	530,905	7.77	7.30
25. BAYSIDE #5	56	11,863	28.5	99.7	0.1	10,964	GAS	126,500	1,028,182	130,065.0	923,789	7.79	7.30
26. BAYSIDE #6	56	5,068	12.2	99.7	0.1	10,886	GAS	53,700	1,027,412	55,172.0	392,154	7.74	7.30
27. BAYSIDE TOTAL	1,854	1,036,054	75.1	96.6	0.1	7,496	GAS	7,556,400	1,028,007	7,768,035.0	55,181,974	5.33	7.30
28. B.B.C.T.#4 OIL	56	0	0.0	0.0	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
29. B.B.C.T.#4 GAS	56	0	0.0	0.0	-	0	GAS	0	0	0.0	0	0.00	0.00
30. B.B.C.T.#4 TOTAL	56	0	0.0	0.0	0.0	0	-	-	-	0.0	0	0.00	-
31. TOT COAL (BB,POLK)	1,797	763,725	57.1	62.6	0.1	10,889	COAL	356,525	23,326,011	8,316,306.0	25,912,554	3.39	72.68
32. SYSTEM	4,366	1,841,196	56.7	81.6	0.1	9,013	-	-	-	16,595,305.9	85,068,907	4.62	-

LEGEND:

B.B. = BIG BEND

C.T. = COMBUSTION TURBINE

SEB-PHIL = SEBRING-PHILLIPS

22

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: AUGUST 2009

23

(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	379	210,439	74.6	81.5	0.1	10,993	COAL	98,028	23,599,992	2,313,460.0	6,971,781	3.31	71.12
2. B.B.#2	385	87,438	30.5	31.7	0.1	10,662	COAL	39,503	23,600,258	932,281.0	2,809,465	3.21	71.12
3. B.B.#3	381	232,389	82.0	83.3	0.1	10,756	COAL	107,742	23,199,959	2,499,610.0	7,662,644	3.30	71.12
4. B.B.#4	417	231,549	74.6	76.4	0.1	10,926	COAL	114,995	22,000,000	2,529,890.0	8,278,417	3.58	71.99
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	7,107	-	-	603,830	-	84.96
5. B.B. STATION	1,562	761,815	65.6	68.3	0.1	10,863		-	-	8,275,241.0	26,326,137	3.46	-
6. SEB-PHILLIPS #1 (HVY OIL)	18	21	0.2	83.2	0.1	9,927	HVY OIL	33	6,317,073	208.5	2,641	12.57	80.02
7. SEB-PHILLIPS #2 (HVY OIL)	18	20	0.2	83.1	0.1	20,350	HVY OIL	32	12,718,750	407.0	2,561	12.81	80.04
SEB-PHILLIPS IGNITION	-	-	-	-	-	-	LGT OIL	9	-	-	699	-	77.67
8. SEB-PHILLIPS TOTAL	35	41	0.2	83.1	0.1	15,011		-	-	615.5	5,901	14.39	-
9. POLK #1 GASIFIER	235	116,204	66.5	-	-	10,924	COAL	48,321	26,270,069	1,269,396.0	3,328,003	2.86	68.87
10. POLK #1 CT OIL	215	3,594	2.2	-	-	10,895	LGT OIL	6,756	5,795,737	39,156.0	598,046	16.64	88.52
11. POLK #1 TOTAL	235	119,798	68.5	77.1	0.1	10,923		-	-	1,308,552.0	3,926,049	3.28	-
12. POLK #2 CT GAS	151	1,606	1.4	-	-	11,936	GAS	18,600	1,030,591	19,169.0	130,231	8.11	7.00
13. POLK #2 CT OIL	158	50	0.0	-	-	11,540	LGT OIL	100	5,770,000	577.0	8,852	17.70	88.52
14. POLK #2 TOTAL	158	1,656	1.4	98.9	0.1	11,924		-	-	19,746.0	139,083	8.40	-
15. POLK #3 CT GAS	151	6,060	5.4	-	-	12,394	GAS	73,000	1,028,863	75,107.0	511,120	8.43	7.00
16. POLK #3 CT OIL	158	187	0.2	-	-	11,845	LGT OIL	382	5,798,429	2,215.0	33,815	18.08	88.52
17. POLK #3 TOTAL	158	6,247	5.3	98.9	0.1	12,377		-	-	77,322.0	544,935	8.72	-
18. POLK #4 CT GAS	151	8,780	7.8	98.9	0.1	12,301	GAS	105,100	1,027,593	108,000.0	735,873	8.38	7.00
19. POLK #5 CT GAS	151	11,608	10.3	98.9	0.1	12,428	GAS	140,300	1,028,239	144,262.0	982,331	8.46	7.00
20. CITY OF TAMPA GAS	6	1,604	35.9	100.0	0.1	10,455	GAS	16,800	998,214	16,770.0	98,268	6.13	5.85
21. BAYSIDE #1	701	405,613	77.8	95.5	0.1	7,423	GAS	2,929,000	1,028,016	3,011,060.0	20,507,821	5.06	7.00
22. BAYSIDE #2	929	567,013	82.0	96.6	0.1	7,379	GAS	4,069,800	1,028,001	4,183,760.0	28,495,298	5.03	7.00
23. BAYSIDE #3	56	11,561	27.7	99.9	0.1	10,967	GAS	123,300	1,028,313	126,791.0	863,303	7.47	7.00
24. BAYSIDE #4	56	10,637	25.5	99.9	0.1	10,970	GAS	113,600	1,027,201	116,690.0	795,387	7.48	7.00
25. BAYSIDE #5	56	8,074	19.4	99.7	0.1	11,395	GAS	89,500	1,027,966	92,003.0	626,647	7.76	7.00
26. BAYSIDE #6	56	4,811	11.5	99.7	0.1	10,919	GAS	51,100	1,027,965	52,529.0	357,784	7.44	7.00
27. BAYSIDE TOTAL	1,854	1,007,709	73.1	96.6	0.1	7,525	GAS	7,378,300	1,028,000	7,582,833.0	51,646,240	5.13	7.00
28. B.B.C.T.#4 OIL	56	0	0.0	0.0	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
29. B.B.C.T.#4 GAS	56	0	0.0	0.0	-	0	GAS	0	0	0.0	0	0.00	0.00
30. B.B.C.T.#4 TOTAL	56	0	0.0	0.0	0.0	0		-	-	0.0	0	0.00	-
31. TOT COAL (BB,POLK)	1,797	878,019	65.7	59.4	0.1	10,871	COAL	408,589	23,359,995	9,544,637.0	29,654,140	3.38	72.58
32. SYSTEM	4,366	1,919,258	59.1	84.4	0.1	9,135		-	-	17,533,341.5	84,404,817	4.40	-

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: SEPTEMBER 2009

(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	379	203,664	74.6	81.5	0.1	10,904	COAL	94,101	23,599,962	2,220,780.0	6,659,798	3.27	70.77
2. B.B.#2	385	187,335	67.6	70.2	0.1	10,609	COAL	84,213	23,600,157	1,987,440.0	5,959,996	3.18	70.77
3. B.B.#3	381	201,644	73.5	83.3	0.1	10,672	COAL	92,756	23,199,901	2,151,930.0	6,564,609	3.26	70.77
4. B.B.#4	417	223,892	74.6	76.4	0.1	10,862	COAL	110,538	22,000,036	2,431,840.0	7,868,029	3.51	71.18
B.B. IGNITION							LGT OIL	8,864			734,480		82.67
5. B.B. STATION	1,662	816,635	72.6	77.8	0.1	10,767				8,791,990.0	27,788,912	3.40	
6. SEB-PHILLIPS #1 (HVY OIL)	18	8	0.1	83.2	0.1	9,750	HVY OIL	13	6,000,000	78.0	1,076	13.45	82.76
7. SEB-PHILLIPS #2 (HVY OIL)	18	8	0.1	83.1	0.1	19,500	HVY OIL	12	13,000,000	156.0	994	12.43	82.84
SEB-PHILLIPS IGNITION							LGT OIL	0			0		0.00
8. SEB-PHILLIPS TOTAL	36	16	0.1	83.1	0.1	14,625				234.0	2,070	12.94	
9. POLK #1 GASIFIER	235	113,872	67.3	-	-	10,876	COAL	47,142	26,272,029	1,238,516.0	3,080,350	2.71	65.34
10. POLK #1 CT OIL	215	3,522	2.3	-	-	10,846	LGT OIL	6,591	5,795,782	38,200.0	574,310	16.31	87.14
11. POLK #1 TOTAL	235	117,394	69.4	77.1	0.1	10,875				1,276,716.0	3,654,660	3.11	
12. POLK #2 CT GAS	151	2,776	2.6	-	-	11,664	GAS	31,500	1,027,873	32,378.0	233,032	8.39	7.40
13. POLK #2 CT OIL	158	86	0.1	-	-	11,465	LGT OIL	170	5,800,000	866.0	14,813	17.22	87.14
14. POLK #2 TOTAL	158	2,862	2.5	98.9	0.1	11,558				33,364.0	247,845	8.66	
15. POLK #3 CT GAS	151	4,204	3.9	-	-	11,565	GAS	47,300	1,027,907	48,620.0	349,918	8.32	7.40
16. POLK #3 CT OIL	158	130	0.1	-	-	11,446	LGT OIL	257	5,789,883	1,488.0	22,394	17.23	87.14
17. POLK #3 TOTAL	158	4,334	3.8	98.9	0.1	11,562				50,108.0	372,312	8.59	
18. POLK #4 CT GAS	151	616	0.6	98.9	0.1	12,537	GAS	7,500	1,028,000	7,710.0	55,484	9.02	7.40
19. POLK #5 CT GAS	151	4,329	4.0	98.9	0.1	12,184	GAS	51,400	1,026,128	52,743.0	380,250	8.78	7.40
20. CITY OF TAMPA GAS	6	791	18.3	100.0	0.1	10,461	GAS	8,300	996,988	8,275.0	49,454	6.25	5.96
21. BAYSIDE #1	701	332,495	65.9	95.5	0.1	7,450	GAS	2,409,700	1,028,012	2,477,200.0	17,826,609	5.36	7.40
22. BAYSIDE #2	929	503,435	75.3	96.6	0.1	7,382	GAS	3,615,200	1,027,998	3,716,420.0	26,744,722	5.31	7.40
23. BAYSIDE #3	56	5,758	14.3	99.9	0.1	11,011	GAS	61,600	1,029,237	63,401.0	455,708	7.91	7.40
24. BAYSIDE #4	56	5,034	12.5	99.9	0.1	11,018	GAS	53,900	1,029,017	55,464.0	398,744	7.92	7.40
25. BAYSIDE #5	56	4,382	10.9	99.7	0.1	11,008	GAS	46,900	1,028,529	48,238.0	346,959	7.92	7.40
26. BAYSIDE #6	56	3,077	7.6	99.7	0.1	10,970	GAS	32,900	1,025,957	33,754.0	243,389	7.91	7.40
27. BAYSIDE TOTAL	1,854	854,181	64.0	98.8	0.1	7,486	GAS	6,220,200	1,028,018	6,394,477.0	46,016,131	5.39	7.40
28. B.B.C.T.#4 OIL	56	0	0.0	0.0	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
29. B.B.C.T.#4 GAS	56	0	0.0	0.0	-	0	GAS	0	0	0.0	0	0.00	0.00
30. B.B.C.T.#4 TOTAL	56	0	0.0	0.0	0.0	0				0.0	0	0.00	
31. TOT COAL (BB,POLK)	1,797	930,407	71.9	67.6	0.1	10,781	COAL	428,750	23,394,786	10,030,506.0	30,867,262	3.32	71.99
32. SYSTEM	4,366	1,801,057	57.3	87.8	0.1	9,225				16,615,617.0	78,565,118	4.36	

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: OCTOBER 2009

(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	379	210,522	74.7	81.5	0.1	10,815	COAL	95,580	23,820,046	2,276,720.0	6,779,058	3.22	70.93
2. B.B.#2	385	193,583	67.6	70.2	0.1	10,553	COAL	87,231	23,420,229	2,042,970.0	6,186,901	3.20	70.93
3. B.B.#3	381	180,599	63.7	83.3	0.1	10,631	COAL	83,401	23,019,988	1,919,890.0	5,915,257	3.28	70.93
4. B.B.#4	417	156,642	50.5	76.4	0.1	10,744	COAL	76,497	21,999,948	1,682,930.0	5,470,524	3.49	71.51
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	8,884	-	-	728,652	-	82.02
<b>5. B.B. STATION</b>	<b>1,662</b>	<b>741,346</b>	<b>63.8</b>	<b>77.8</b>	<b>0.1</b>	<b>10,687</b>				<b>7,922,610.0</b>	<b>25,060,392</b>	<b>3.38</b>	
6. SEB-PHILLIPS #1 (HVY OIL)	18	1	0.0	83.2	0.1	7,000	HVY OIL	1	7,000,000	7.0	71	7.10	71.00
7. SEB-PHILLIPS #2 (HVY OIL)	18	1	0.0	83.1	0.1	14,000	HVY OIL	1	14,000,000	14.0	71	7.10	71.00
SEB-PHILLIPS IGNITION	-	-	-	-	-	-	LGT OIL	0	-	-	0	-	0.00
<b>8. SEB-PHILLIPS TOTAL</b>	<b>35</b>	<b>2</b>	<b>0.0</b>	<b>83.1</b>	<b>0.1</b>	<b>10,500</b>				<b>21.0</b>	<b>142</b>	<b>7.10</b>	
9. POLK #1 GASIFIER	235	117,814	67.4	-	-	10,866	COAL	48,734	26,269,463	1,280,216.0	3,051,787	2.59	62.62
10. POLK #1 CT OIL	215	3,644	2.3	-	-	10,837	LGT OIL	6,813	5,796,272	39,490.0	587,580	16.12	86.24
<b>11. POLK #1 TOTAL</b>	<b>235</b>	<b>121,458</b>	<b>69.5</b>	<b>77.1</b>	<b>0.1</b>	<b>10,866</b>				<b>1,319,706.0</b>	<b>3,639,367</b>	<b>3.00</b>	
12. POLK #2 CT GAS	151	245	0.2	-	-	13,571	GAS	3,200	1,039,063	3,325.0	23,616	9.64	7.38
13. POLK #2 CT OIL	158	8	0.0	-	-	10,875	LGT OIL	15	5,600,000	87.0	1,294	16.18	86.27
<b>14. POLK #2 TOTAL</b>	<b>158</b>	<b>253</b>	<b>0.2</b>	<b>89.3</b>	<b>0.1</b>	<b>13,486</b>				<b>3,412.0</b>	<b>24,910</b>	<b>9.85</b>	
15. POLK #3 CT GAS	151	107	0.1	-	-	11,551	GAS	1,200	1,030,000	1,236.0	8,856	8.28	7.38
16. POLK #3 CT OIL	158	3	0.0	-	-	12,667	LGT OIL	7	5,428,571	38.0	603	20.10	86.14
<b>17. POLK #3 TOTAL</b>	<b>158</b>	<b>110</b>	<b>0.1</b>	<b>89.3</b>	<b>0.1</b>	<b>11,582</b>				<b>1,274.0</b>	<b>9,459</b>	<b>8.60</b>	
18. POLK #4 CT GAS	151	3,838	3.2	89.3	0.1	12,045	GAS	42,600	1,028,638	43,820.0	314,382	8.64	7.38
19. POLK #5 CT GAS	151	629	0.6	89.3	0.1	13,092	GAS	8,000	1,029,375	8,235.0	59,039	9.39	7.38
20. CITY OF TAMPA GAS	6	304	6.8	100.0	0.1	10,461	GAS	3,200	993,750	3,180.0	19,508	6.42	6.10
21. BAYSIDE #1	701	279,078	53.5	95.5	0.1	7,410	GAS	2,011,600	1,028,008	2,067,940.0	14,845,345	5.32	7.38
22. BAYSIDE #2	929	493,262	71.4	96.6	0.1	7,355	GAS	3,529,200	1,028,009	3,628,050.0	26,045,035	5.28	7.38
23. BAYSIDE #3	56	2,590	6.2	99.9	0.1	10,930	GAS	27,500	1,029,382	28,308.0	202,946	7.84	7.38
24. BAYSIDE #4	56	2,237	5.4	99.9	0.1	10,940	GAS	23,800	1,028,235	24,472.0	175,641	7.85	7.38
25. BAYSIDE #5	56	1,918	4.6	99.7	0.1	10,948	GAS	20,400	1,029,314	20,998.0	150,549	7.85	7.38
26. BAYSIDE #6	56	1,627	3.9	99.7	0.1	10,958	GAS	17,300	1,030,578	17,829.0	127,672	7.85	7.38
<b>27. BAYSIDE TOTAL</b>	<b>1,854</b>	<b>780,712</b>	<b>56.6</b>	<b>96.6</b>	<b>0.1</b>	<b>7,413</b>	<b>GAS</b>	<b>5,629,800</b>	<b>1,028,029</b>	<b>5,787,597.0</b>	<b>41,547,188</b>	<b>5.32</b>	<b>7.38</b>
28. B.B.C.T.#4 OIL	56	129	0.3	0.0	-	10,915	LGT OIL	243	5,794,239	1,408.0	20,216	15.67	83.19
29. B.B.C.T.#4 GAS	56	1,161	2.8	0.0	-	10,969	GAS	12,400	1,027,016	12,735.0	91,510	7.88	7.38
<b>30. B.B.C.T.#4 TOTAL</b>	<b>56</b>	<b>1,290</b>	<b>3.1</b>	<b>99.6</b>	<b>0.1</b>	<b>10,964</b>				<b>14,143.0</b>	<b>111,726</b>	<b>8.66</b>	
31. TOT COAL (BB,POLK)	1,797	859,160	64.3	67.6	0.1	10,711	COAL	391,443	23,509,747	9,202,726.0	28,132,179	3.27	71.87
<b>32. SYSTEM</b>	<b>4,366</b>	<b>1,649,742</b>	<b>50.8</b>	<b>86.4</b>	<b>0.1</b>	<b>9,155</b>				<b>15,103,896.0</b>	<b>70,806,113</b>	<b>4.29</b>	

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

25

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: NOVEMBER 2009

(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	379	183,768	67.3	73.3	0.1	10,795	COAL	83,283	23,819,987	1,983,800.0	5,908,050	3.21	70.94
2. B.B.#2	385	186,391	67.2	70.2	0.1	10,570	COAL	84,118	23,420,195	1,970,060.0	5,967,284	3.20	70.94
3. B.B.#3	381	221,429	80.7	74.9	0.1	10,608	COAL	102,039	23,020,022	2,348,940.0	7,238,590	3.27	70.94
4. B.B.#4	417	223,154	74.3	50.9	0.1	10,765	COAL	109,191	22,000,073	2,402,210.0	7,790,886	3.49	71.35
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	8,884	-	-	730,956	-	82.28
5. B.B. STATION	1,582	814,742	72.4	67.0	0.1	10,684	-	-	-	8,705,010.0	27,635,766	3.39	-
6. SEB-PHILLIPS #1 (HVY OIL)	18	0	0.0	83.2	0.0	0	HVY OIL	0	0	0.0	0	0.00	0.00
7. SEB-PHILLIPS #2 (HVY OIL)	18	0	0.0	83.1	0.0	0	HVY OIL	0	0	0.0	0	0.00	0.00
SEB-PHILLIPS IGNITION	-	-	-	-	-	-	LGT OIL	0	-	-	0	-	0.00
8. SEB-PHILLIPS TOTAL	35	0	0.0	83.1	0.0	0	-	-	-	0.0	0	0.00	-
9. POLK #1 GASIFIER	235	99,101	58.6	-	-	10,788	COAL	40,676	26,282,968	1,069,086.0	2,660,805	2.68	65.41
10. POLK #1 CT OIL	215	3,055	2.0	-	-	10,754	LGT OIL	5,687	5,795,674	32,960.0	487,903	15.92	85.79
11. POLK #1 TOTAL	235	102,166	60.4	64.2	0.1	10,787	-	-	-	1,102,046.0	3,148,708	3.08	-
12. POLK #2 CT GAS	151	6	0.0	-	-	12,667	GAS	100	760,000	76.0	829	13.82	8.29
13. POLK #2 CT OIL	158	0	0.0	-	-	0	LGT OIL	0	0	2.0	0	0.00	0.00
14. POLK #2 TOTAL	158	6	0.0	98.9	0.1	13,000	-	-	-	78.0	829	13.82	-
15. POLK #3 CT GAS	151	1	0.0	-	-	13,000	GAS	0	0	13.0	0	0.00	0.00
16. POLK #3 CT OIL	158	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
17. POLK #3 TOTAL	158	1	0.0	98.9	0.1	13,000	-	-	-	13.0	0	0.00	-
18. POLK #4 CT GAS	151	104	0.1	98.9	0.1	16,433	GAS	1,700	1,005,294	1,709.0	14,101	13.56	8.29
19. POLK #5 CT GAS	151	29	0.0	98.9	0.1	11,724	GAS	300	1,133,333	340.0	2,488	8.58	8.29
20. CITY OF TAMPA GAS	6	57	1.3	100.0	0.0	10,439	GAS	600	991,667	595.0	4,031	7.07	6.72
21. BAYSIDE #1	701	232,853	46.1	89.2	0.1	7,371	GAS	1,669,600	1,028,019	1,716,380.0	13,848,469	5.95	8.29
22. BAYSIDE #2	929	199,717	29.9	70.9	0.1	7,386	GAS	1,434,900	1,028,009	1,475,090.0	11,901,754	5.96	8.29
23. BAYSIDE #3	56	564	1.4	99.9	0.1	10,848	GAS	6,000	1,019,667	6,118.0	49,767	8.82	8.29
24. BAYSIDE #4	56	428	1.1	99.9	0.1	10,902	GAS	4,600	1,014,348	4,666.0	38,155	8.91	8.29
25. BAYSIDE #5	56	322	0.8	99.7	0.1	10,950	GAS	3,400	1,037,059	3,526.0	28,201	8.76	8.29
26. BAYSIDE #6	56	240	0.6	99.7	0.1	11,025	GAS	2,600	1,017,692	2,646.0	21,566	8.99	8.29
27. BAYSIDE TOTAL	1,854	434,124	32.5	81.3	0.1	7,381	GAS	3,121,100	1,027,879	3,208,426.0	26,887,912	5.96	8.29
28. B.B.C.T.#4 OIL	56	16	0.0	0.0	-	10,938	LGT OIL	30	5,833,333	175.0	2,754	17.21	91.80
29. B.B.C.T.#4 GAS	56	146	0.4	0.0	-	11,212	GAS	1,600	1,023,125	1,637.0	13,271	9.09	8.29
30. B.B.C.T.#4 TOTAL	56	162	0.4	100.0	0.1	11,185	-	-	-	1,812.0	16,025	9.89	-
31. TOT COAL (BB,POLK)	1,797	913,843	70.6	58.2	0.1	10,696	COAL	419,307	23,310,119	9,774,096.0	30,296,571	3.32	72.25
32. SYSTEM	4,366	1,351,391	43.0	76.7	0.1	9,635	-	-	-	13,020,029.0	56,709,860	4.20	-

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

26

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: DECEMBER 2009

(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	395	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
2. B.B.#2	395	197,036	67.0	70.2	0.1	10,579	COAL	89,003	23,420,109	2,084,460.0	6,293,339	3.19	70.71
3. B.B.#3	385	238,300	83.2	64.5	0.1	10,601	COAL	109,742	23,019,992	2,526,260.0	7,759,779	3.26	70.71
4. B.B.#4	427	235,842	74.2	76.4	0.1	10,734	COAL	115,068	22,000,035	2,531,500.0	8,236,314	3.49	71.58
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	6,219	-	-	515,686	-	82.92
5. B.B. STATION	1,602	671,178	56.3	53.2	0.1	10,841	-	-	-	7,142,220.0	22,805,118	3.40	-
6. SEB-PHILLIPS #1 (HVY OIL)	18	1	0.0	83.2	0.1	8,500	HVY OIL	1	8,500,000	8.5	71	7.10	71.00
7. SEB-PHILLIPS #2 (HVY OIL)	18	1	0.0	83.1	0.1	17,000	HVY OIL	2	8,500,000	17.0	141	14.10	70.50
SEB-PHILLIPS IGNITION	-	-	-	-	-	-	LGT OIL	0	-	-	0	-	0.00
8. SEB-PHILLIPS TOTAL	36	2	0.0	83.1	0.1	12,750	-	-	-	25.5	212	10.60	-
9. POLK #1 GASIFIER	235	126,667	72.4	-	-	10,736	COAL	51,774	26,265,616	1,359,876.0	3,453,052	2.73	66.69
10. POLK #1 CT OIL	235	3,918	2.2	-	-	10,708	LGT OIL	7,238	5,796,353	41,954.0	619,191	15.80	85.55
11. POLK #1 TOTAL	235	130,585	74.7	77.1	0.1	10,735	-	-	-	1,401,830.0	4,072,243	3.12	-
12. POLK #2 CT GAS	183	280	0.2	-	-	13,150	GAS	3,600	1,022,778	3,682.0	31,759	11.34	8.82
13. POLK #2 CT OIL	186	9	0.0	-	-	10,889	LGT OIL	17	5,764,706	98.0	1,454	16.16	85.53
14. POLK #2 TOTAL	186	289	0.2	98.9	0.1	13,080	-	-	-	3,780.0	33,213	11.49	-
15. POLK #3 CT GAS	183	121	0.1	-	-	15,570	GAS	1,800	1,046,667	1,884.0	15,879	13.12	8.82
16. POLK #3 CT OIL	186	4	0.0	-	-	10,750	LGT OIL	7	6,142,857	43.0	599	14.98	85.57
17. POLK #3 TOTAL	186	125	0.1	98.9	0.1	15,416	-	-	-	1,927.0	16,478	13.18	-
18. POLK #4 CT GAS	183	1,182	0.9	98.9	0.1	11,659	GAS	13,400	1,028,433	13,781.0	118,212	10.00	8.82
19. POLK #5 CT GAS	183	613	0.5	98.9	0.1	12,101	GAS	7,200	1,030,278	7,418.0	63,517	10.36	8.82
20. CITY OF TAMPA GAS	6	137	3.1	100.0	0.1	10,474	GAS	1,400	1,025,000	1,435.0	10,522	7.68	7.52
21. BAYSIDE #1	792	249,358	42.3	74.0	0.1	7,322	GAS	1,776,000	1,028,018	1,825,760.0	15,667,530	6.28	8.82
22. BAYSIDE #2	1,047	340,023	43.7	96.6	0.1	7,397	GAS	2,446,800	1,027,988	2,515,280.0	21,585,198	6.35	8.82
23. BAYSIDE #3	61	2,418	5.3	99.9	0.1	10,703	GAS	25,200	1,026,944	25,879.0	222,310	9.19	8.82
24. BAYSIDE #4	61	2,104	4.6	99.9	0.1	10,706	GAS	21,900	1,028,539	22,525.0	193,198	9.18	8.82
25. BAYSIDE #5	61	1,830	4.0	99.7	0.1	10,713	GAS	19,100	1,026,440	19,605.0	168,497	9.21	8.82
26. BAYSIDE #6	61	1,594	3.5	99.7	0.1	10,715	GAS	16,600	1,028,855	17,079.0	146,442	9.19	8.82
27. BAYSIDE TOTAL	2,083	597,327	38.5	88.4	0.1	7,410	GAS	4,305,600	1,027,993	4,426,128.0	37,983,175	6.36	8.82
28. B.B.C.T.#4 OIL	61	137	0.3	0.0	-	10,701	LGT OIL	253	5,794,466	1,466.0	21,265	15.52	84.05
29. B.B.C.T.#4 GAS	61	1,235	2.7	0.0	-	10,738	GAS	12,900	1,027,984	13,261.0	113,801	9.21	8.82
30. B.B.C.T.#4 TOTAL	61	1,372	3.0	99.8	0.1	10,734	-	-	-	14,727.0	135,066	9.84	-
31. TOT COAL (BB,POLK)	1,837	797,845	58.4	46.4	0.1	10,656	COAL	365,587	23,256,013	8,502,096.0	26,258,170	3.29	71.82
32. SYSTEM	4,761	1,402,810	39.6	76.4	0.1	9,277	-	-	-	13,013,271.5	65,237,756	4.65	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

27