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June 7, 1994

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Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
101 East Gaines Street
Tallahassee, Florida 32399-0850

Re: Fuel and Purchased Power Cost Recovery Clause
with Generating Performance Incentive Factor;
FPSC Docket No. 940001-EI

Dear Ms. Bayo:

Enclosed for filing in the above docket are fifteen (15) copies of Schedule E5 for the months of July through September 1994 (excluded from original filing) and Revised Schedule E10 (to replace the one originally filed with Tampa Electric Company's Petition for a Mid-course Correction) filed with the Commission on May 31, 1994. 05269-97

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
James D. Beasley

RECEIVED & FILED
FPSC-BUREAU OF RECORDS

ACK from original filing) and Revised Schedule E10 (to replace the one originally filed with Tampa Electric Company's Petition for a Mid-course Correction) filed with the Commission on May 31, 1994. 05269-97
APP
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WAS cc: All parties of record (w/encls.)
OTH

DOCUMENT NUMBER-DATE
05588 JUN-7 1994
FPSC-RECORDS/REPORTING

TAMPA ELECTRIC COMPANY

SYSTEM NET GENERATION AND FUEL COST
ESTIMATE FOR THE MONTH OF JULY 1984

SCHEDULE ES

(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 (¢)	COST OF FUEL (\$/MMBTU)
1 HP #1	32	2,038	8.8	88.8	335.2	14,328	HVY OIL	4,619	6,321,715	29,200.0	88,083	3.24	14.31
2 HP #2	32	2,780	12.0	48.0	51.6	13,808	HVY OIL	6,072	6,320,617	38,380.0	88,871	3.15	14.31
3 HP #3	32	2,487	10.8	97.2	23.3	14,017	HVY OIL	5,537	6,321,113	35,000.0	79,217	3.17	14.31
4 HP #4	41	3,847	13.0	88.2	28.2	13,582	HVY OIL	8,273	6,320,581	52,290.0	118,380	3.08	14.31
5 HP #5	67	10,323	21.4	83.4	51.0	14,807	HVY OIL	24,182	6,320,617	152,850.0	345,988	3.35	14.31
8 HP STATION	204	21,485	14.8	85.1	42.5	14,338	HVY OIL	48,683	6,320,682	307,720.0	688,489	3.24	14.31
7 GAN #1	119	47,318	55.2	90.7	67.3	11,384	COAL	21,400	23,125,234	537,880.0	1,286,339	2.72	80.11
8 GAN #2	119	33,771	39.4	77.3	58.5	11,781	COAL	15,900	25,021,384	387,840.0	955,738	2.83	80.11
9 GAN #3	155	57,830	51.9	82.5	56.0	11,525	COAL	26,808	25,088,248	667,640.0	1,588,808	2.78	80.11
10 GAN #4	188	70,181	51.8	88.4	58.9	11,323	COAL	31,700	25,080,568	784,420.0	1,805,465	2.72	80.11
11 GAN 1-4	582	208,178	48.9	87.0	58.8	11,482	COAL	95,800	25,079,289	2,387,580.0	5,748,450	2.75	80.11
12 GAN #5	227	100,675	61.8	83.4	80.1	10,889	COAL	43,800	25,087,018	1,094,230.0	2,620,788	2.80	80.11
13 GAN #6	362	187,412	64.2	83.0	70.8	10,552	COAL	70,400	25,081,819	1,768,450.0	4,231,885	2.53	80.11
14 GAN 5 & 6	589	288,087	63.2	75.4	77.0	10,671	COAL	114,000	25,083,684	2,860,680.0	6,852,461	2.56	80.11
15 GANNON STA	1,171	477,285	56.6	81.2	67.7	11,017	COAL	208,600	25,087,118	5,258,260.0	12,588,911	2.64	80.11
16 BB #1	405	244,280	83.8	22.4	346.6	10,124	COAL	98,000	24,877,576	2,472,780.0	5,321,849	2.18	53.78
17 BB #2	408	245,900	84.1	87.8	91.2	10,184	COAL	100,200	24,881,517	2,504,150.0	5,388,358	2.19	53.78
18 BB #3	430	255,823	82.7	83.8	91.7	9,619	COAL	98,500	24,982,782	2,481,780.0	5,294,971	2.07	53.78
19 BB 1-3	1,241	746,083	83.5	84.8	120.5	9,970	COAL	287,700	24,987,303	7,438,720.0	16,003,176	2.14	53.78
20 BB #4	641	274,115	88.3	88.2	82.8	10,048	COAL	125,200	22,000,080	2,754,410.0	5,567,848	2.03	44.47
21 BB STA	1,882	1,020,198	84.2	71.0	111.5	9,981	COAL	422,800	24,102,832	10,183,130.0	21,571,024	2.11	51.01
22 COAL UNITS	2,853	1,497,483	72.9	75.2	92.4	10,318	COAL	632,500	24,429,075	15,451,380.0	34,188,835	2.28	54.02
23 PHILLIPS #1 (HVY OIL)	17	1,014	6.3	88.6	135.6	9,507	HVY OIL	1,525	6,321,311	9,640.0	25,888	2.55	16.98
24 PHILLIPS #2 (HVY OIL)	18	1,884	15.2	95.7	78.1	9,511	HVY OIL	2,855	6,321,489	18,680.0	50,120	2.55	16.98
25 SEB PHILLIPS TOTAL	35	2,898	11.8	97.1	92.1	9,510	HVY OIL	4,480	6,321,429	28,320.0	75,988	2.55	16.98
26 OTHER LAKE (GAS)	11	0	-	-	-	0	NAT GAS	0	0	0.0	0	0.00	0.00
27 OTHER LAKE (HVY OIL)	11	0	-	-	-	0	HVY OIL	0	0	0.0	0	0.00	0.00
28 OTHER LAKE TOTAL	11	0	0.0	88.3	0.0	0	-	-	0	0.0	0	0.00	-
29 SEBRING UNITS (GAS)	11	0	-	-	-	0	NAT GAS	0	0	0.0	0	0.00	0.00
30 SEBRING UNITS (HVY OIL)	48	2,978	-	-	-	9,510	HVY OIL	4,480	6,321,429	28,320.0	75,988	2.55	16.98
35 SEBRING UNITS TOTAL	48	2,978	9.0	97.8	88.3	9,510	-	-	0	28,320.0	75,988	2.55	-
36 GAN CT #1	15	119	1.1	83.0	284.4	18,180	LGT OIL	383	5,801,527	2,280.0	8,013	7.57	22.83
37 GAN CT #2	15	113	1.0	88.6	125.6	19,027	LGT OIL	370	5,810,811	2,150.0	8,485	7.51	22.83
38 GAN CT #3	85	819	1.8	88.4	98.8	15,629	LGT OIL	2,207	5,788,728	12,800.0	50,813	6.18	22.83
39 GAN CT #4	88	834	1.4	88.4	87.5	15,631	LGT OIL	1,788	5,788,713	8,910.0	38,182	6.18	22.83
40 CT TOTAL	188	1,885	1.5	88.1	103.4	16,107	LGT OIL	4,678	5,800,385	27,140.0	107,303	6.37	22.83
41 SYSTEM	3,283	1,523,591	64.8	77.1	80.8	10,388	-	-	-	15,814,570.0	35,049,723	2.30	-

FPSC-RECORDS/REPORTING

LEGEND HP = HOOKERS POINT BB = BIG BEND HVY=HEAVY NAT=NATURAL
GAN = GANNON CT = COMBUSTION TURBINE LGT=LIGHT

TAMPA ELECTRIC COMPANY

SCHEDULE ES

SYSTEM NET GENERATION AND FUEL COST
ESTIMATE FOR THE MONTH OF AUGUST 1984

(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 HP #1	32	4,282	18.0	82.8	43.0	14,313	HVY OIL	9,888	6,321,163	61,290.0	141,007	3.29	14.54
2 HP #2	32	5,462	22.9	88.2	48.8	13,905	HVY OIL	12,015	6,321,265	75,950.0	174,732	3.20	14.54
3 HP #3	32	5,110	21.5	97.3	48.3	14,002	HVY OIL	11,319	6,321,230	71,550.0	184,610	3.22	14.54
4 HP #4	41	5,679	18.6	96.2	40.5	13,563	HVY OIL	12,203	6,321,366	77,140.0	177,466	3.12	14.54
5 HP #5	67	13,827	27.7	83.5	88.1	13,983	HVY OIL	30,588	6,321,193	193,340.0	444,805	3.22	14.54
6 H.P. STATION	204	34,360	22.6	91.6	51.2	13,948	HVY OIL	75,819	6,321,239	479,270.0	1,102,620	3.21	14.54
7 GAN #1	119	50,687	57.3	85.0	88.0	11,383	COAL	22,800	25,151,092	575,960.0	1,382,326	2.73	60.36
8 GAN #2	119	41,738	47.1	86.4	77.3	11,801	COAL	19,800	25,150,505	497,980.0	1,195,199	2.86	60.36
9 GAN #3	135	60,927	52.8	92.5	97.1	11,487	COAL	27,800	25,084,946	699,870.0	1,884,144	2.76	60.36
10 GAN #4	189	29,605	21.1	88.8	23.2	11,209	COAL	13,200	25,139,394	331,840.0	796,799	2.69	60.36
11 GAN 1-4	582	182,957	42.3	85.8	52.7	11,509	COAL	83,800	25,127,088	2,105,650.0	5,058,468	2.76	60.36
12 GAN #5	227	104,598	61.9	88.4	88.5	10,822	COAL	45,100	25,099,778	1,132,000.0	2,722,398	2.60	60.36
13 GAN #6	382	173,886	64.6	83.2	71.2	10,514	COAL	72,800	25,113,462	1,828,200.0	4,394,469	2.53	60.36
14 GAN 5 & 6	589	278,484	63.5	84.4	89.3	10,630	COAL	117,900	25,108,227	2,950,280.0	7,116,867	2.56	60.36
15 GANNON STA	1,171	461,441	53.0	85.1	81.6	10,878	COAL	201,700	25,116,083	5,085,010.0	12,175,335	2.64	60.36
16 B B #1	405	246,588	81.8	0.0	0.0	10,113	COAL	99,800	24,988,078	2,493,810.0	5,274,837	2.14	52.85
17 B B #2	408	246,300	81.5	87.8	88.4	10,183	COAL	100,400	24,980,478	2,508,040.0	5,306,550	2.15	52.85
18 B B #3	430	257,686	80.5	83.5	89.3	9,818	COAL	99,200	24,983,266	2,478,340.0	5,243,125	2.03	52.85
19 B B 1-3	1,241	750,574	81.3	57.6	132.4	9,986	COAL	299,400	24,983,935	7,480,190.0	15,824,512	2.11	52.85
20 B B #4	441	278,804	84.4	88.0	90.6	10,044	COAL	128,400	21,994,858	2,780,150.0	5,819,552	2.03	44.46
21 B B STA	1,082	1,027,376	82.1	83.6	117.7	9,987	COAL	425,800	24,096,618	10,260,340.0	21,444,084	2.09	50.38
22 COAL UNITS	2,853	1,488,819	70.1	73.6	91.8	10,294	COAL	627,500	24,424,303	15,326,250.0	33,819,389	2.26	53.56
23 PHILLIPS #1 (HVY OIL)	17	3,458	27.3	98.4	378.7	9,511	HVY OIL	5,203	6,321,353	32,890.0	64,843	2.45	18.31
24 PHILLIPS #2 (HVY OIL)	18	3,415	25.5	85.6	137.5	9,511	HVY OIL	5,138	6,321,526	32,480.0	63,783	2.45	18.31
25 SEB-PHILLIPS TOTAL	35	6,873	26.4	97.1	202.0	9,511	HVY OIL	10,341	6,321,439	65,370.0	168,626	2.45	18.31
26 DINNER LAKE(GAS)	11	0	-	-	-	0	NAT GAS	0	0	0.0	0	0.00	0.00
27 DINNER LAKE(HVY OIL)	11	0	-	-	-	0	HVY OIL	0	0	0.0	0	0.00	0.00
28 SEB-DINNER LAKE TOTAL	11	0	0.0	99.3	0.0	0	-	-	0	0.0	0	0.00	-
32 SEBRING UNITS (GAS)	11	0	-	-	-	0	NAT GAS	0	0	0.0	0	0.00	0.00
33 (HVY OIL)	48	6,873	-	-	-	9,511	HVY OIL	10,341	6,321,439	65,370.0	168,626	2.45	18.31
35 SEBRING UNITS TOTAL	49	6873	20.1	97.6	189.8	9,511	-	-	0	65,370.0	168,626	2.45	-
36 GAN C T #1	15	348	3.1	99.6	290.8	19,054	LGT OIL	1,148	5,802,792	6,650.0	25,874	7.41	22.58
37 B B C T #1	15	332	3.0	99.6	276.7	19,088	LGT OIL	1,092	5,798,703	6,330.0	24,855	7.43	22.58
38 B B C T #2	65	2,233	4.6	99.2	229.0	15,558	LGT OIL	5,690	5,798,688	34,740.0	135,243	8.06	22.58
39 B B C T #3	65	1,802	3.7	54.6	482.1	15,583	LGT OIL	4,840	5,801,853	28,080.0	109,278	8.06	22.58
40 C T TOTAL	160	4716	4.0	81.2	293.8	16,073	LGT OIL	13,668	5,800,429	75,800.0	295,050	6.26	22.58
41 SYSTEM	3,293	1,534,788	63.2	75.4	90.8	10,390	-	-	-	15,948,690.0	35,185,685	2.29	-

LEGEND: HP = HOOKERS POINT B B = BIG BEND HVY=HEAVY NAT=NATURAL
GAN = GANNON C T = COMBUSTION TURBINE LGT=LIGHT

TAMPA ELECTRIC COMPANY

SYSTEM NET GENERATION AND FUEL COST
ESTIMATE FOR THE MONTH OF SEPTEMBER 1984

BO-5416 15

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPABILITY (%)	EQUIV GENERATION (%)	NET CAPACITY 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 (¢/KWH)	COST OF FUEL (\$/UNIT)
1 HP #1	32	3,149	13.7	92.5	32.0	14,138	HVY OIL	7,043	8,321,170	44,520.0	103,310	3.28	14.67
2 HP #2	32	2,904	12.6	98.1	28.2	13,822	HVY OIL	8,351	8,320,285	40,140.0	83,159	3.21	14.87
3 HP #3	32	4,057	17.6	98.7	34.7	13,522	HVY OIL	8,879	8,321,005	54,880.0	127,308	3.14	14.87
4 HP #4	41	5,578	18.9	98.1	38.5	13,428	HVY OIL	11,848	8,320,888	74,880.0	173,792	3.12	14.87
5 HP #5	67	8,658	13.6	83.3	32.6	13,020	HVY OIL	13,714	8,321,278	88,880.0	201,183	3.02	14.87
6 HP STATION	204	22,346	15.2	91.9	38.2	13,474	HVY OIL	47,635	8,320,982	301,100.0	688,732	3.13	14.67
7 GAN #1	119	47,774	55.8	95.3	88.9	11,284	COAL	21,500	25,072,568	539,080.0	1,288,219	2.69	59.82
8 GAN #2	119	38,004	44.4	89.4	78.4	11,889	COAL	18,000	25,058,889	451,080.0	1,076,835	2.83	59.82
9 GAN #3	155	58,608	50.7	93.2	61.5	11,484	COAL	25,900	25,057,529	648,980.0	1,548,445	2.74	59.82
10 GAN #4	188	0	0.0	88.4	0.0	0	COAL	0	0	0.0	0	0.00	0.00
11 GAN 1-4	582	142,387	34.0	80.6	44.5	11,512	COAL	85,400	25,082,844	1,639,110.0	3,912,488	2.75	59.82
12 GAN #5	227	100,085	81.2	86.5	65.7	10,994	COAL	42,800	25,127,230	1,070,420.0	2,548,508	2.55	59.82
13 GAN #6	382	164,552	83.1	83.1	89.6	10,450	COAL	68,500	25,102,774	1,719,540.0	4,097,954	2.49	59.82
14 GAN 5 & 6	589	284,647	82.4	84.4	88.1	10,542	COAL	111,100	25,112,151	2,789,880.0	6,646,482	2.51	59.82
15 GANNON STA	1,171	407,034	48.3	87.5	57.4	10,881	COAL	178,500	25,083,881	4,429,070.0	10,558,861	2.59	59.82
16 B B #1	405	209,397	71.8	78.0	88.2	10,181	COAL	83,900	25,380,181	2,127,720.0	4,459,337	2.13	53.15
17 B B #2	408	238,327	81.9	87.8	88.8	10,155	COAL	97,300	24,977,184	2,430,280.0	5,171,556	2.18	53.15
18 B B #3	430	247,158	79.8	83.6	88.8	9,640	COAL	95,400	24,974,004	2,382,520.0	5,070,599	2.05	53.15
19 B B 1-3	1,241	695,880	77.9	82.4	88.5	9,974	COAL	276,600	25,092,283	6,940,520.0	14,701,482	2.11	53.15
20 B B #4	441	289,178	84.8	88.2	91.0	9,974	COAL	122,000	22,007,049	2,684,880.0	5,401,175	2.01	44.27
21 B B STA	1,882	985,058	79.7	83.9	89.2	9,974	COAL	398,600	24,147,988	9,625,380.0	20,102,637	2.08	50.43
22 COAL UNITS	2,853	1,372,092	88.8	85.4	78.6	10,243	COAL	575,100	24,438,272	14,054,450.0	30,881,588	2.23	53.32
23 PHILLIPS #1 (HVY OIL)	17	2,823	23.1	98.3	139.5	9,508	HVY OIL	4,247	8,319,755	26,840.0	70,081	2.48	16.50
24 PHILLIPS #2 (HVY OIL)	18	2,774	21.4	93.3	71.3	9,510	HVY OIL	4,174	8,320,077	26,360.0	68,877	2.48	18.50
25 SEB-PHILLIPS TOTAL	35	5,597	22.2	94.8	84.7	9,509	HVY OIL	8,421	8,319,914	53,220.0	138,958	2.48	16.50
26 DINNER LAKE (GAS)	11	0	-	-	-	0	NAT GAS	0	0	0.0	0	0.00	0.00
27 DINNER LAKE (HVY OIL)	11	0	-	-	-	0	HVY OIL	0	0	0.0	0	0.00	0.00
28 SEB-DINNER LAKE TOTAL	11	0	0.0	97.5	0.0	0	-	-	0	0.0	0	0.00	-
32 SEBRING UNITS (GAS)	11	0	-	-	-	0	NAT GAS	0	0	0.0	0	0.00	0.00
33 (HVY OIL)	48	5,597	-	-	-	9,509	HVY OIL	8,421	8,319,914	53,220.0	138,958	2.48	16.50
35 SEBRING UNITS TOTAL	48	5,597	18.9	95.4	84.2	9,509	-	-	0	53,220.0	138,958	2.48	-
36 GAN C T #1	15	197	1.8	99.3	119.4	19,038	LGT OIL	648	5,804,854	3,750.0	14,489	7.34	22.40
37 B B C T #1	15	186	1.7	53.1	248.0	19,088	LGT OIL	812	5,800,854	3,550.0	13,708	7.37	22.40
38 B B C T #2	65	1,317	2.8	98.9	101.3	15,804	LGT OIL	3,543	5,800,189	20,550.0	79,358	6.03	22.40
39 B B C T #3	65	1,034	2.2	98.2	99.4	15,829	LGT OIL	2,785	5,802,513	16,160.0	62,379	6.03	22.40
40 C T TOTAL	160	2,734	2.4	94.8	108.0	18,097	LGT OIL	7,588	5,801,478	44,010.0	169,812	6.21	22.40
41 SYSTEM	3,263	1,402,789	59.7	86.4	75.5	10,303	-	-	-	14,452,780.0	31,669,200	2.26	-

LEGEND H.P. = HOOKERS POINT B.B. = BIG BEND HVY=HEAVY NAT=NATURAL
GAN = GANNON C.T. = COMBUSTION TURBINE LGT=LIGHT

RESIDENTIAL BILL COMPARISON
FOR MONTHLY USAGE OF 1000 KWH

RE-PROJECTION FOR THE PERIOD OF: JULY 1994 THRU SEPTEMBER 1994

	Apr-94	May-94	Jun-94	Jul-94	Aug-94	Sep-94	PERIOD AVERAGE
ESTIMATED:							
BASE RATE REVENUES (\$)	56.55	56.55	56.55	56.55	56.55	56.55	56.55
FUEL RECOVERY FACTOR c/KWH	2.913	2.913	2.913	2.489	2.489	2.489	2.701
FUEL RECOVERY REVENUES (\$)	29.13	29.13	29.13	24.89	24.89	24.89	27.01
FL. GROSS REC. TAX ADJ. (\$)	2.20	2.20	2.20	2.09	2.09	2.09	2.14
TOTAL REVENUES (\$)	87.88	87.88	87.88	83.53	83.53	83.53	85.70