

080001-EI

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: PROJECTED FILING VS ACTUAL HEDGED WITHIN LIMIT
 PERIOD: SEVEN MONTH ENDING JULY, 2008

DOCKET: 080001-EI
 SHEET: PROJECT VS ACTUAL HEDGED

MONTH	ACTUAL MMBTU CONSUMPTION	MIN. LIMIT PERCENTAGE	MAX LIMIT PERCENTAGE	MMBTU MIN	MMBTU MAX	MMBTU HEDGED	PERCENT HEDGED	WITHIN LIMIT
JAN	4,952,279	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	NO
FEB	3,531,736	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	NO
MAR	2,774,327	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	NO
APR	4,573,838	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	YES
MAY	6,103,368	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	YES
JUN	5,873,024	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	YES
JUL	4,583,176	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	NO
	32,391,748							

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FPSC-COMMISSION CLERK

EXHIBIT 1

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: PROJECTED FILING VS ACTUAL HEDGED WITHIN LIMIT
 PERIOD: SEVEN MONTH ENDING JULY, 2008

DOCKET: 080001-EI
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w/p 1 p 7

MONTH	ACTUAL MMBTU CONSUMPTION	MIN. LIMIT PERCENTAGE	MAX LIMIT PERCENTAGE	MMBTU MIN	MMBTU MAX	MMBTU HEDGED	PERCENT HEDGED	WITHIN LIMIT
JAN	4,952,279							NO
FEB	3,531,736							NO
MAR	2,774,327							NO
APR	4,573,838							YES
MAY	6,103,368							YES
JUN	5,873,024							YES
JUL	4,583,176							NO
	<u>32,391,748</u>							

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

FILING SCHEDULE E3-NATURAL GAS PROJECTION FOR 2008

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

09/17
JUN 9/22

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH JUNE 2008

SCHEDULE E3

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
FUEL COST OF SYSTEM NET GENERATION (\$)						
1. HEAVY OIL	158,113	133,494	254,212	511,014	231,090	723,306
2. LIGHT OIL	670,380	206,215	466,038	821,880	891,070	697,616
3. COAL	22,374,244	18,488,037	21,510,581	28,502,356	28,450,307	27,804,290
4. NATURAL GAS	39,693,382	48,725,454	38,348,681	20,486,780	56,545,002	50,134,363
5. NUCLEAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL (\$)	62,896,106	66,533,200	60,578,472	66,421,620	65,026,220	66,359,881
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	1,816	1,480	2,835	5,884	2,457	7,044
9. LIGHT OIL	4,709	1,493	3,360	4,501	5,070	5,122
10. COAL	802,325	860,305	762,823	933,852	1,002,582	978,875
11. NATURAL GAS	490,459	680,035	560,066	400,107	826,688	846,428
12. NUCLEAR	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	1,299,309	1,323,313	1,328,685	1,344,124	1,838,777	1,837,389
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	2,814	2,302	4,390	8,730	3,803	12,277
16. LIGHT OIL (BBL)	12,333	6,301	9,749	12,870	13,785	13,971
17. COAL (TON)	358,437	285,616	340,215	417,074	449,124	440,200
18. NATURAL GAS (MCF)	3,853,400	4,715,000	4,038,400	2,800,290	8,088,000	8,207,400
19. NUCLEAR (MMBTU)	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
BTUS BURNED (MMBTU)						
21. HEAVY OIL	36,332	28,908	55,130	100,744	47,702	164,170
22. LIGHT OIL	50,804	15,843	35,701	47,831	54,308	54,004
23. COAL	6,505,125	6,099,590	6,082,833	6,908,243	10,662,946	10,450,183
24. NATURAL GAS	3,882,551 <i>62-5</i>	4,847,080	4,151,828 <i>62-5</i>	2,880,218 <i>62-5</i>	6,258,520 <i>62-5</i>	6,473,678 <i>62-5</i>
25. NUCLEAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	12,244,203	11,891,430	12,335,109	13,046,033	17,023,546	17,133,026
GENERATION MIX (% MWH)						
28. HEAVY OIL	0.14	0.11	0.21	0.42	0.13	0.43
29. LIGHT OIL	0.37	0.11	0.25	0.33	0.28	0.28
30. COAL	61.74	49.00	57.30	69.48	54.81	53.28
31. NATURAL GAS	37.75	49.88	42.15	20.77	44.08	48.01
32. NUCLEAR	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
34. TOTAL (%)	100.00	100.00	100.00	100.00	100.00	100.00
FUEL COST PER UNIT						
35. HEAVY OIL (\$/BBL)	56.19	57.90	57.91	58.48	60.77	68.02
36. LIGHT OIL (\$/BBL)	54.36	32.73	47.70	49.07	60.28	49.93
37. COAL (\$/TON)	62.77	62.49	63.23	63.54	63.37	63.15
38. NATURAL GAS (\$/MCF)	11.17	10.56	9.60	9.83	9.29	9.30
39. NUCLEAR (\$/MMBTU)	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
FUEL COST PER MMBTU (\$/MMBTU)						
41. HEAVY OIL	4.48	4.62	4.81	4.68	4.84	4.89
42. LIGHT OIL	13.17	13.02	13.03	13.00	12.74	12.89
43. COAL	2.63	2.84	2.66	2.87	2.67	2.68
44. NATURAL GAS	10.87	10.28	9.24	9.58	9.04	9.13
45. NUCLEAR	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
47. TOTAL (\$/MMBTU)	5.14	5.76	4.91	4.30	5.85	5.16
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	19,458	19,427	19,446	19,378	19,439	19,407
49. LIGHT OIL	10,806	10,812	10,597	10,827	10,712	10,737
50. COAL	10,801	10,801	10,812	10,810	10,835	10,876
51. NATURAL GAS	7,448	7,344	7,413	7,449	7,580	7,657
52. NUCLEAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	9,423	8,986	9,282	9,708	9,273	9,325
GENERATED FUEL COST PER KWH (CENTS/KWH)						
55. HEAVY OIL	0.71	8.97	0.97	9.02	9.41	0.11
56. LIGHT OIL	13.97	13.81	13.80	13.81	13.65	13.82
57. COAL	2.79	2.80	2.82	2.84	2.84	2.84
58. NATURAL GAS	8.09	7.53	8.85	7.12	8.85	8.99
59. NUCLEAR	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
61. TOTAL (CENTS/KWH)	4.84	5.18	4.58	4.18	4.88	4.81

✓ = Selected for testing.

SOURCE: PBC

W/P 62-6
(1 of 2)

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

FILING SCHEDULE E3-NATURAL GAS PROJECTION FOR 2008

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

DA 09/17
JUN 9/22

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD: JULY 2008 THROUGH DECEMBER 2008

SCHEDULE E3

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	TOTAL
FUEL COST OF SYSTEM NET GENERATION (\$)							
1. HEAVY OIL	924,830	861,762	789,708	278,392	127,202	180,118	5,251,131
2. LIGHT OIL	881,859	886,418	644,728	624,844	598,581	481,288	7,432,269
3. COAL	28,910,886	28,753,585	25,790,309	27,709,270	24,363,321	22,635,150	303,371,389
4. NATURAL GAS	76,773,884	73,029,201	62,574,258	51,020,102	43,188,830	53,393,607	626,962,201
5. NUCLEAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	107,470,838	103,812,964	89,878,999	79,720,616	68,255,914	76,690,181	942,048,990
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	10,120	10,532	8,258	2,808	1,301	1,825	57,144
9. LIGHT OIL	6,223	6,268	4,709	4,873	4,493	3,825	54,413
10. COAL	1,012,638	1,014,382	914,846	989,883	885,243	801,826	10,739,070
11. NATURAL GAS	971,339	992,493	880,543	753,782	616,808	738,342	8,735,870
12. NUCLEAR	0	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	2,000,228	2,023,673	1,808,434	1,781,216	1,487,643	1,546,418	18,888,497
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	15,738	16,379	12,806	4,470	2,014	2,825	88,558
16. LIGHT OIL (BBL)	16,286	16,382	12,885	13,391	12,668	9,725	160,013
17. COAL (TON)	468,208	467,328	408,254	440,715	384,330	358,864	4,807,344
18. NATURAL GAS (MCF)	7,385,800	7,513,200	6,449,200	5,442,700	4,427,900	5,283,800	64,073,800
19. NUCLEAR (MMBTU)	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
21. HEAVY OIL	197,842	205,684	180,802	58,132	26,292	35,478	1,112,074
22. LIGHT OIL	88,608	89,341	51,170	48,805	47,547	38,408	584,158
23. COAL	10,878,188	10,886,318	9,784,833	10,608,508	9,181,303	8,492,257	114,335,131
24. NATURAL GAS	7,672,090	7,723,829	6,829,841	5,695,180	4,881,748	5,431,559	65,887,906
25. NUCLEAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	18,714,828	18,803,070	16,808,454	16,207,303	13,808,800	13,997,700	181,899,269
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.51	0.52	0.46	0.17	0.09	0.12	0.29
29. LIGHT OIL	0.31	0.31	0.28	0.27	0.30	0.23	0.28
30. COAL	50.82	50.13	50.59	55.62	58.16	51.04	54.83
31. NATURAL GAS	48.86	49.04	48.69	43.04	41.45	47.81	44.80
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
34. TOTAL (%)	100.00	100.00	100.00	100.00	100.00	100.00	100.00
FUEL COST PER UNIT							
35. HEAVY OIL (\$/BBL)	58.75	58.72	60.11	61.83	63.16	63.78	59.30
36. LIGHT OIL (\$/BBL)	52.91	53.01	50.04	48.88	47.87	49.49	49.54
37. COAL (\$/TON)	63.10	62.87	63.02	63.08	63.39	63.08	63.11
38. NATURAL GAS (\$/MCF)	9.81	9.72	9.72	9.37	9.76	10.11	8.77
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
FUEL COST PER MMBTU (\$/MMBTU)							
41. HEAVY OIL	4.88	4.88	4.79	4.82	5.03	5.08	4.72
42. LIGHT OIL	12.58	12.52	12.60	12.62	12.59	12.53	12.72
43. COAL	2.88	2.84	2.84	2.85	2.85	2.87	2.85
44. NATURAL GAS	9.36	9.48	9.45	9.12	9.48	9.83	8.60
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
47. TOTAL (\$/MMBTU)	5.42	5.48	5.41	4.92	4.94	5.48	5.18
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	19,514	19,529	19,477	19,389	19,440	19,439	19,461
49. LIGHT OIL	11,026	11,084	10,887	10,594	10,582	10,595	10,738
50. COAL	10,742	10,741	10,874	10,814	10,811	10,594	10,847
51. NATURAL GAS	7,796	7,782	7,529	7,423	7,382	7,348	7,540
52. NUCLEAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	9,386	9,338	9,103	9,256	9,280	9,052	9,287
GENERATED FUEL COST PER KWH (CENTS/KWH)							
55. HEAVY OIL	9.13	9.13	9.32	9.54	9.78	9.87	9.10
56. LIGHT OIL	13.85	13.88	13.46	13.37	13.32	13.28	13.68
57. COAL	2.88	2.83	2.82	2.81	2.82	2.82	2.82
58. NATURAL GAS	7.29	7.38	7.12	6.77	7.00	7.22	7.17
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
61. TOTAL (CENTS/KWH)	5.07	5.12	4.87	4.55	4.88	4.98	4.81

SOURCE: PBC

W/P 62-6
(2 of 2)

08/09/22

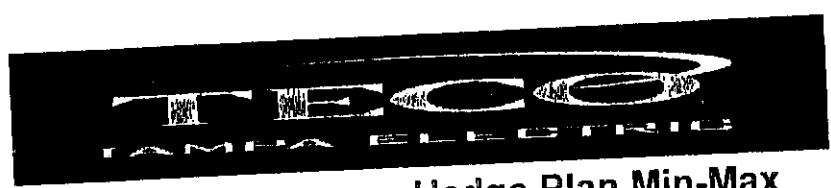
08/09/22

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

HEDGED VOLUME vs. HEDGE PLAN MIN-MAX

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Hedged Volume vs. Hedge Plan Min-Max

volumes in decatherms (Dth)

	Forecasted Burns	Min	Dts Hedged	Max
200801	3,653,727			
200802	4,843,854			
200803	4,151,071			
200804	2,980,132			
200805	6,263,352			
200806	6,479,998			
200807	7,586,335			
200808	7,737,873			
200809	6,631,745			
200810	5,595,904			
200811	4,551,677			
200812	5,431,215			
200901	3,630,000			
200902	4,300,000			
200903	4,470,000			
200904	4,690,000			
200905	5,850,000			
200906	5,430,000			
200907	6,090,000			
200908	7,737,873			
200909	6,631,745			
200910	5,595,904			
200911	4,551,677			
200912	4,620,000			

B = Utility periodically reassesses its projected burns and adjust the min & max limits.

(B) -> 62-5

SOURCE: PBC

W/P 62-7

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST

HEDGED VOLUME vs. HEDGE PLAN MIN-MAX

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

09/17
 9/22

Hedged Volume vs. Hedge Plan Min-Max

volumes in decaltherms (Dth)

	Forecasted Burns	Min	Dts Hedged	Max
200802	4,843,854 ^B			
200803	4,851,071 ^B			
200804	2,980,132			
200805	5,263,362			
200806	6,479,998			
200807	7,586,315			
200808	7,737,873			
200809	6,631,745			
200810	5,595,904			
200811	2,551,677			
200812	5,431,215			
200901	3,630,000			
200902	4,300,000			
200903	4,470,000			
200904	4,690,000			
200905	5,850,000			
200906	5,430,000			
200907	3,090,000			
200908	7,737,873			
200909	6,631,745			
200910	5,595,904			
200911	2,551,677			
200912	4,620,000			
201001	3,630,000			

B = Utility periodically reassesses its projected Burns and adjust the min. and max limits to be in compliance with the RAC approved limits.

@ -> 62-5

SOURCE: PBC

W/P 62-8

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

*DA 09/17
JUN 9/2-2*

HEDGED VOLUME vs. HEDGE PLAN MIN-MAX

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Hedged Volume vs. Hedge Plan Min-Max

volumes in decatherms (Dth)

	Forecasted Burns	Min	Dts Hedged	Max
200803	4,151,071			
200804	2,980,132			
200805	6,263,352			
200806	6,479,998			
200807	7,586,335			
200808	7,737,373			
200809	6,631,745			
200810	5,595,302			
200811	4,551,677			
200812	3,630,000			
200901	3,630,000			
200902	4,470,000			
200903	5,850,000			
200904	6,090,000			
200905	6,631,745			
200906	5,595,302			
200907	4,551,677			
200908	3,630,000			
200909	3,630,000			
200910	4,470,000			
200911	5,850,000			
200912	6,090,000			
201001	6,631,745			
201002	5,595,302			

B = Utility periodically reviews its projected Burns and adjust the minimum and the max limits to be in compliance with the RAC approved limits.

@ -> 62-5

SOURCE: PBC

W/P 62-17

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

DA 09/17
JAN 21-2

HEDGED VOLUME vs. HEDGE PLAN MIN-MAX

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

Hedged Volume vs. Hedge Plan Min-Max

volumes in decatherms (Dth)

	Forecasted Burns	Min	Dts Hedged	Max
200804	✓ 2,980,215			
200805	6,268,529			
200806	6,473,679			
200807	7,572,090			
200808	7,723,629			
200809	6,629,641			
200810	5,595,160			
200811	3,551,748			
200812	5,431,559			
200901	3,652,851			
200902	4,847,080			
200903	3,551,526			
200904	2,980,215			
200905	6,268,529			
200906	6,473,679			
200907	7,572,090			
200908	7,723,629			
200909	6,629,641			
200910	5,595,160			
200911	3,551,748			
200912	5,431,559			
201001	3,652,851			
201002	4,847,080			
201003	3,551,526			

✓ = Forecasted Burns agrees with projected Burns in the filing. Sloan Lewis, Utility representative stated, it was reviewed and there wasn't the need to revised it

ⓐ → 62-5

SOURCE: PBC

W/P 62-5/10

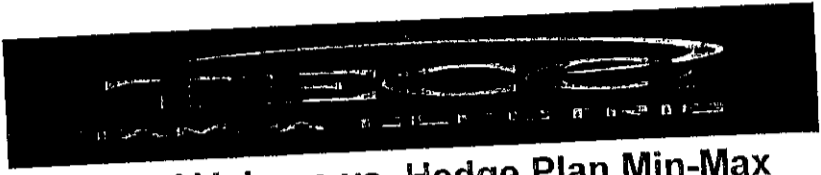
TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST

HEDGED VOLUME vs. HEDGE PLAN MIN-MAX

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

MA
 09/22
 APR 9/22



Hedged Volume vs. Hedge Plan Min-Max

volumes in decatherms (Dth)

	Forecasted Burns	Min	Dth Hedged	Max
200805	6,258,529			
200806	6,473,679			
200807	7,572,090			
200808	7,723,629			
200809	6,629,841			
200810	5,595,160			
200811	4,551,748			
200812	5,431,559			
200901	3,900,034			
200902	4,662,743			
200903	5,360,413			
200904	4,000,121			
200905	6,508,454			
200906	6,292,706			
200907	7,047,893			
200908	7,434,456			
200909	6,606,073			
200910	5,682,067			
200911	4,660,522			
200912	5,985,785			
201001	3,226,516			
201002	3,229,931			
201003	5,019,741			
201004	3,827,275			

β = Utility periodically reassess its projected burns and adjust its limits

ⓐ → 62-5

SOURCE: PBC

W/P 62-11

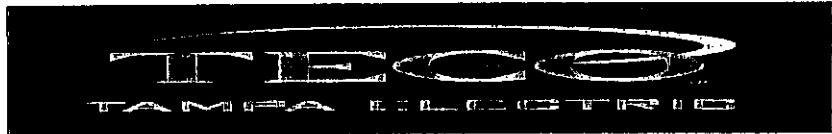
TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 HEDGED VOLUME vs. HEDGE PLAN MIN-MAX

09/22
 JUN 9/22

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

*Final
 Attach 08*



Hedged Volume vs. Hedge Plan Min-Max

volumes in decatherms (Dth)

	Forecasted Burns	Min	Dts Hedged	Max
200806	B6,473,679			
200807	7,572,090			
200808	7,723,629			
200809	6,629,841			
200810	5,595,160			
200811	4,551,748			
200812	5,431,559			
200901	3,900,034			
200902	4,662,743			
200903	5,360,413			
200904	4,000,121			
200905	6,508,454			
200906	6,292,706			
200907	7,047,893			
200908	7,434,456			
200909	6,606,073			
200910	5,682,067			
200911	4,660,522			
200912	5,985,785			
201001	3,226,516			
201002	3,229,931			
201003	5,019,741			
201004	3,827,275			
201005	6,318,354			

B = Utility periodically reassess its projected burns and adjust its limits

ⓐ → 62-5

SOURCE: PBC

W/P

62-12

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST

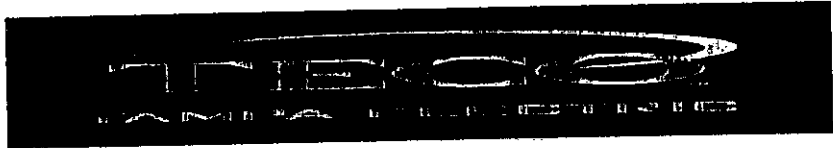
HEDGED VOLUME vs. HEDGE PLAN MIN-MAX

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

MS 09/22
JUR 9/22

July
June 08



Hedged Volume vs. Hedge Plan Min-Max

volumes in decatherms (Dth)

	Forecasted Burns	Min	Dts Hedged	Max
200807	<i>β</i> 7,572,090			<i>u</i>
200808	7,723,629 <i>ⓐ</i>			
200809	6,629,841			
200810	5,595,160			
200811	4,551,748			
200812	5,431,559			
200901	3,900,034			
200902	4,662,743			
200903	5,360,413			
200904	4,000,121			
200905	6,508,454			
200906	6,292,706			
200907	7,047,893			
200908	7,434,456			
200909	6,606,073			
200910	5,682,067			
200911	4,660,522			
200912	5,985,785			
201001	3,226,516			
201002	3,229,931			
201003	5,019,741			
201004	3,827,275			
201005	6,318,354			
201006	6,192,590			

β = Utility periodically reassesses its projected burns and adjust its limits.

ⓐ → 62-5

u = is 80% instead of the disclosed 60% on the RAC approved limits.

SOURCE: PBC

W/P 62-13

VA 09/17

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

OBSERVATION OF INTERNAL CONTROLS OVER HEDGING.

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

The Front Office is responsible for executing hedging transactions, the Middle Office ensures data integrity of the transactions as well as assessing credit worthiness of counterparties, and the Back Office is the Financial Reporting.

Based on the above criteria, staff issued document request and followed up with observation and discussion with the people involved in each office. We determined that based on the procedures we performed for this audit, there are separation between the Front Office, Middle Office and the Back Office.

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

FRONT OFFICE, MIDDLE OFFICE AND BACK OFFICE RESPONSIBILITIES
DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

WA 09/17
pur 9/19

1.4. Front Office

Front Office management has the primary responsibility for managing risks for the individual operating companies. In executing risk management activities, they must seek the advice and involvement of qualified individuals for issues related to areas beyond the unit's expertise. For example, certain sources of risk, such as credit, tax, accounting, and legal/regulatory, give rise to a high degree of reliance on persons with specialized knowledge.

Specifically, Front Office management is responsible for:

- Developing and executing transacting strategies that are consistent with the strategies, limits and products approved by the RAC;
- Proposing strategies and market risk trading limits for RAC approval (following input from the DIRO);
- Assuring that the operations group and systems infrastructure supports the volume and complexity of transactions;
- Developing a process for identifying new products, initiating and managing the review of new products and presenting new products for RAC approval;
- Supervising transactors and all activity;
- Managing and reviewing overall transacting portfolio and risk profile as well as ensuring and verifying that hedges are appropriate and well maintained;
- Enforcing market risk limits and observing credit risk policies;
- Assuring that transactors understand the risk exposures of transactions and understand the risk policies, procedures, and limits; and
- Assuring understanding of all applicable regulatory issues.

1.6. Middle Office

The Middle Office is a TECO Energy corporate function reporting through the DIRO. It consists of three main areas: market risk management, credit risk management and contract management/compliance. The Middle Office will have the following responsibilities:

- Ensure the proper recording of Front Office transactions;
- Negotiate, administer and maintain enabling agreements with counterparties;
- Exchange written and/or verbal confirmations with counterparties;
- Monitor the aging of confirmations;
- Source forward curves for portfolio valuation as needed
- Perform end-of-period portfolio valuation;
- Perform market and credit risk measurement;
- Review counterparty credit and establish appropriate credit limits;
- Determine mark-to-market valuation adjustments;
- Ensure awareness of pertinent regulatory provisions/standards and monitor transactional compliance; and
- Developing appropriate control procedures to monitor compliance with Energy and Credit risk policies.

The activities of the Middle Office do not reduce the Front Office's primary responsibility for accurately assessing and managing the risk associated with their business profile. A strong segregation of duties must exist between Front and Middle Office activities.

SOURCE: PBC

W/P 63-1
(1 of 2)

DA 09/17

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 FRONT OFFICE, MIDDLE OFFICE AND BACK OFFICE RESPONSIBILITIES
 DOCKET No. 080001-EI AUDIT CONTROL No. 08-221-2-2

1.7. Back Office

The Back Office function is responsible for financial and accounting activities relating to the transaction process independent of the Front Office. The Back Office will have the following responsibilities:

- Track and process transactions;
- Maintain customer information;
- Perform P&L reconciliation;
- Prepare customer billings;

Energy Risk Management Policy

9

- Issue payment receipt/instructions; and
- Support or perform transaction settlements.



1.8 Corporate Accounting

SOURCE: PBC

W/P 63-1
(2 of 2)

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
RESPONSE TO FRONT OFFICE

June 9/19

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

**Tampa Electric Company
Review of Accounting Treatment for Hedging Activities
Docket # 080001-EI
Audit Request 10**

Please provide answers to the following questions:

Front Office:

Do you engage on consultation during the course of performing you task and how are the related cost shared among TEC and PGS?

No

Could you please provide me with a copy of the transacting limits for each individual authorized to transact derivatives and hedging activities and the related approved products by the RCA?

See attached CONFIDENTIAL transacting limits for TECO Energy. The approved transactions (approved products) are detailed in Section 2-2.1. of TECO Energy's Energy Risk Management Policy, which was provided in Request #1.

How often do you assess market and credit risk?

Market and credit risk are assessed daily and an internal credit report is issued by Middle Office which shows available credit by counterparty.

What process is used in approving a new derivative or hedging product?

See Section 3-3.3. of TECO Energy's Energy Risk Management Policy, which was provided in Request #1.

How do you ascertain that hedges are appropriate and well maintained?

The middle office provides daily reports showing hedge position relative to limits required by the pre-set hedge plan.

How do you ensure regulatory issues are enforced?

Front Office follows the Tampa Electric Risk Management plan filed annually with the Commission which was provided in Request #1.

Reviewed and followed up with observations

41
42
43
SOURCE: PBC/DOC. REQ 10

W/P 63-2

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
RESPONSE TO MIDDLE OFFICE

June 9/19

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

**Tampa Electric Company
Review of Accounting Treatment for Hedging Activities
Docket # 080001-EI
Audit Request 10A**

Please provide answers to the following questions:

Middle Office:

Do you deal with counterparties? If yes describe your interactions with counterparties and the procedures it follows.

Middle Office interacts with counterparties to establish enabling agreements, asses counterparty creditworthiness and confirm forward transactions.

How do you monitor the aging of confirmations?

For physical and financial transactions that have a delivery date beyond the next business day, the Middle Office analyst will create and send a new confirmation, and/or respond to the counterparty's confirmation. As each confirmation is sent or received, the Middle Office analyst uses the Nucleus system to track the status of applicable confirmations.

How often do you perform end of period portfolio valuation?

The hedging portfolio is valued at the end of each month.

Do you have established credit limits for counterparties? If yes, could you provide me with copies of the credit limits? (In excel format)

Yes, see attached CONFIDENTIAL credit limits for counterparties. It is also being provided in Excel.

63 Reviewed and followed up with observations

SOURCE: PBC/DOC REQ. 10A

W/P 63-3

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
RESPONSE TO BACK OFFICE

Page 9/19

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

**Tampa Electric Company
Review of Accounting Treatment for Hedging Activities
Docket # 080001-EI
Audit Request 10B**

Please provide answers to the following questions:

Back Office:

How are transactions tracked and recorded?

Tampa Electric uses the computer software Nucleus to track gas transactions.

How often do you perform account reconciliation?

Monthly

How are billing and payments separated and processed as far as settlements is concern?

The Back Office performs the settlement process for gas purchases, sales and settled hedging. Once an invoice is settled (payable) or created (receivable), it is approved and forwarded to the Accounting Department. The Accounts Payable department disburses funds for payables and the Accounts Receivable receives funds for receivables.

63 Reviewed and followed up with Olsen/Aben

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: CROSS SUBSIDY TESTING
 PERIOD: MONTH ENDING JANUARY, 2008
 AUDITOR: DANIEL ACHEAMPONG

AR 09/17
6/1/08
Aug 9/19

FILENAME: CROSS SUBSIDY
 DOCKET: 080001-EI
 SHEET: JAN

W/P 65

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	(d) TEC Amount	(e) PGS Amount	(A) TOTAL	(B) PERCENTAGE HEDGED-TEC	(C) PERCENTAGE HEDGED-PGS
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	65/3 [REDACTED]	65/3 [REDACTED]	65/3 [REDACTED]	[REDACTED]	[REDACTED]
						(A) From 65/1	(B) From 65/2	(C)

STAFF CALCULATION

$(A) \times (B) =$ [REDACTED]
 $(A) \times (C) =$ [REDACTED]

rounding OR

$(B) = (d) / (A)$
 $(C) = (e) / (A)$

SOURCE: AS REFERENCED

W/P 65

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 PEOPLE'S GAS MARK-TO-MARKET REPORT

DA 09/17
 AUG 9/19

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Position Summary Detail Report

RMS Process Date: 12/28/2007-Run Date: 12/28/2007 08:49:52 AM

Company/Deal # Trade Date P / S Crndy Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBtus)

Region: ALL
 Basis Point: ALL
 Deal Type: ALL
 Portfolio: ALL
 Profit Center: TEC-PPGSDV
 Commodity: ALL

Page: 1
 Strategy: ALL
 Enterprise: ALL

M2M Price

M2M Basis

Margin

Profit (Loss)

Comm

200801
 SWPS

HENRY/HUB

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

65/3

161 Contracts

V = Traced to Indices

ok

Ed Elliott

W @ =
 S (G) =
 S (C) =
 W P =
 W P =
 W P =

W P

SOURCE: PBC

W/P 65/1

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL SWAPS

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

DT 09/17
RUP 9/17



Position Summary Detail Report

RMS Process Date: 08/21/2008 Run Date: 08/21/2008 11:58:11 AM

200801 200801

Company/Deal # Trade Date P / S Cndy Portfolio

Strategy Exp Date

Original Volume Contracts (MMBTUs)

Region: ALL
Basis Point: ALL
Deal Type: - SWAPS
Portfolio: ALL
Profit Center: ALL
Commodity: ALL
Price: US\$

Page: 1
Strategy: ALL
Enterprise: ALL

Basis M2M Price M2M Basis

Margin

Profit (Loss) Com

HH
HENRY/HUB

200801

SWPS

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

428

SOURCE: PBC

W/P 65/2

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: CROSS SUBSIDY TESTING
 PERIOD: MONTH ENDING FEBRUARY, 2008
 AUDITOR: DANIEL ACHEAMPONG

09/17
 2/29/08

FILENAME: CROSS SUBSIDY
 DOCKET: 080001-EI
 SHEET: FEB

W/P 65-1

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	(d) TEC Amount	(e) PGS Amount	(A) TOTAL	(B) PERCENTAGE HEDGED-TEC	(C) PERCENTAGE HEDGED-PGS
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(125,600.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(212,200.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(94,800.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(80,400.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(55,920.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(368,800.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(155,940.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(46,300.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(19,400.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(200.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(96,200.00)	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	TOTAL	[REDACTED]	[REDACTED]	(A) [REDACTED]	(B) [REDACTED]	(C) [REDACTED]

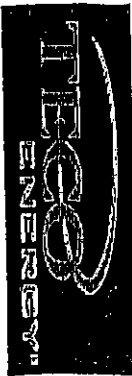
STAFF CALCULATION
 (A) x (B) = [REDACTED]
 (A) x (C) = [REDACTED]

(B) = (d) / (A)
 (C) = (e) / (A)

SOURCE: AS REFERENCED

W/P 65-1

6/1/08
HH



Company Deal # Trade Date P / S Crdty

Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBTUs)

Region: ALL
Basis Point: ALL
Deal Type: ALL
Portfolio: ALL
Commodity: ALL
Profit Center: TEC-PGS-DV
Price US\$

Page: 1
Strategy: ALL
Enterprise: ALL

M2M Price

M2M Basis

Margin

Profit (Loss)

Comm

Position Summary Detail Report
RMS Process Date: 01/31/2008-Run Date: 01/31/2008 08:53:20 AM

200802 200802

HH
HENRY/HUB

200802
SWPS

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 $\text{W} \oplus \text{B} =$
 $\text{W} \oplus \text{C} =$

65-1/4

COF

OK

Ed Elliott

1/31/08

Contracts

V = Traced to invoices

V/P 65-1/2

SOURCE: PBC

COMPANY: TAMPA ELECTRIC COMPANY
SUBJECT: CROSS SUBSIDY TESTING
PERIOD: MONTH ENDING MARCH, 2008
AUDITOR: DANIEL ACHEAMPONG

09/17
Aug 9/19

FILENAME: CROSS SUBSIDY
DOCKET: 080001-EI
SHEET: MARCH

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	(D) TEC Amount	(e) PGS Amount	A TOTAL	B PERCENTAGE HEDGED-TEC	C PERCENTAGE HEDGED-PGS
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 65-21	[REDACTED] 65-21	[REDACTED] 65-21	[REDACTED]	[REDACTED]
TOTAL				(A)	(B)	(C)		

65-22

65-23

STAFF CALCULATION

(A) x (B) = [REDACTED]
 (A) x (C) = [REDACTED]

B = (D) / A
 C = (e) / A

W/P 65-2

SOURCE: AS REFERENCE

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST

TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL SWAPS

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

DA 09/17
 JUNE 9/19



Position Summary Detail Report

RMS Process Date: 08/21/2008 Run Date: 08/21/2008 12:00:20 PM

200802

Company/Deal # Trade Date P / S Crndy

Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBtus)

Price

Basis

M2M Price

M2M Basis

Margin

Profit (Loss)

Com

Region: ALL

Basis Point: ALL

Deal Type: SWAPS

Enterprise: ALL

Portfolio: ALL

Profit Center: ALL

Commodity: ALL

Region: ALL

Strategy: ALL

Enterprise: ALL

HH
 HENRY/HUB

200802

SWPS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

42 SOURCE: PBC

W/P 65-1/3

DA 09/17

JUN 9/19

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL
SWAPS INVOICE SUMMARY-MARCH 2008

DOCKET No. 080001-E1

AUDIT CONTROL No. 08-221-2-2

TAMPA ELECTRIC CO.
SWAPS - DERIVATIVE NATURAL GAS INVOICES

Mar-08 Production Month
2/27/2008 Nymex Settlement Date
Total Cash Flow Derivatives

TEC

Name	Nucleus Invoice No.	Counterparty Invoice No.	Invoice Due Date	Cntrl	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		TOTAL			(A) [REDACTED]

65-2

PGS

Name	Nucleus Invoice No.	Counterparty Invoice No.	Invoice Due Date	Cntrl	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		TOTAL WIRE			(B) [REDACTED]

65-2
65-2
65-2
65-2

TOTAL

Name	Nucleus Invoice No.	Counterparty Invoice No.	Invoice Due Date	Cntrl	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		TOTAL			(C) [REDACTED]

65-2

Subtotal Receivables
Subtotal Payables
TOTAL REALIZED DERIVATIVES

A = C - B

SOURCE: FBC

W/P 65-2/1

DA 09/17

Aug 9/19

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL SWAPS

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Position Summary Detail Report

RMS Process Date: 08/21/2008 - Run Date: 08/21/2008 12:00:38 PM

200803

200803

Company/Deal # Trade Date P / S Cnctly

Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBTUs)

Price

Basis

M2M Price

M2M Basis

Margin

Profit (Loss)

Com

Region: ALL
Basis Point: ALL
Deal Type: - SWAPS
Portfolio: ALL
Profit Center: ALL
Commodity: ALL

Page: 1
Strategy: ALL
Enterprise: ALL

HH
HENRY/HUB

200803
SWPS

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

362

65-2

SOURCE: PBC

W/P 65-2/3

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: CROSS SUBSIDY TESTING
 PERIOD: MONTH ENDING APRIL, 2008
 AUDITOR: DANIEL ACHEAMPONG

Apr 9/19

FILENAME: CROSS SUBSIDY
 DOCKET: 080001-EI
 SHEET: APRIL

W/P 65-3

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TEC Amount	PGS Amount	A TOTAL	B PERCENTAGE HEDGED-TEC	C PERCENTAGE HEDGED-PGS
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
			TOTAL	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

STAFF CALCULATION

$(A) \times (B) = [REDACTED]$
 $(A) \times (C) = [REDACTED]$

$B = (B) / A$
 $C = (C) / A$

SOURCE: AS REFERENCED

W/P 65-3

08 09/17
 APR 9/19

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL
 SWAPS INVOICE SUMMARY-APRIL 2008

DOCKET No. 080001 - E1

AUDIT CONTROL No. 08-221-2-2

TAMPA ELECTRIC CO.
 SWAPS - DERIVATIVE NATURAL GAS INVOICES
 Apr-08 Production Month
 3/27/2008 Nymex Settlement Date
 Total Cash Flow Derivatives

TEC

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	Conrt	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL					[REDACTED]

65-3

65-3

TO:
 FROM:
 RE:

PGS

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	Conrt	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL WIRE					[REDACTED]

65-3

TOTAL

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	Conrt	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL					[REDACTED]

65-3

Subtotal Receivables [REDACTED]
 Subtotal Payables [REDACTED]
 TOTAL REALIZED DERIVATIVES [REDACTED]

41
 42
 43

SOURCE: FBC

W/P 65-3/1

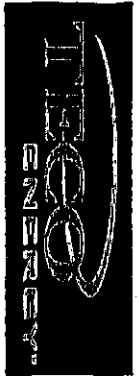
Dr 09/12

Apr 9/19

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
PEOPLE'S GAS MARK TO MARKET REPORT

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Position Summary Detail Report

RMS Process Date: 03/28/2008 Run Date: 03/28/2008 06:43:25 AM

200804 200804

HH
HENRY/HUB

Company/Deal # Trade Date P / S Crdty

Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBtus)

Region: ALL
Basis Point: ALL
Deal Type: ALL
Portfolio: ALL
Profit Center: TEC-FGS-DV
Commodity: ALL

Page: 1
Strategy: ALL
Enterprise: ALL

Basis

M2M Price

M2M Basis

Margin

Profit (Loss)

Com

200804
SWPS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

65-3

60 contracts

Grace to indices

ok
Ed Elliott

3/28/08

COPY

50/10

SOURCE: PBC

W/P 65-3/2

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08/16/08

WR 9/19

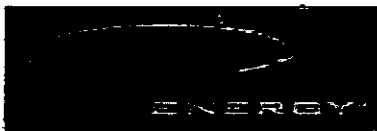
TAMPA ELECTRIC COMPANY

FUEL PRICE HEDGING COST

TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL SWAPS

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Position Summary Detail Report

RMS Process Date:08/21/2008-Run Date:08/21/2008 12:00:53 PM

200804 - 200804

Region: ALL
Basis Point: ALL
Deal Type: - SWAPS
Portfolio: ALL
Profit Center: ALL
Commodity: ALL

Page: 1
Strategy: ALL
Enterprise: ALL

CompanyDeal #	Trade Date	P / S	Comdty	Portfolio	Strategy	Exp Date	Original Volume	Contracts (MMBTUs)	Price US\$	Basis	M2M Price	M2M Basis	Margin	Profit (Loss)	Com
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HH
HENRY/HUB

200804
SWPS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] -3

SOURCE: PBC

WR 65-3/B

65-4

COMPANY: TAMPA ELECTRIC COMPANY
SUBJECT: CROSS SUBSIDY TESTING
PERIOD: MONTH ENDING MAY, 2008
AUDITOR: DANIEL ACHEAMPONG

04/17
4/29/19

FILENAME: CROSS SUBSIDY
DOCKET: 080001-EI
SHEET: MAY

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	(d) TEC Amount	(e) PGS Amount	A TOTAL	B PERCENTAGE HEDGED-TEC	C PERCENTAGE HEDGED-PGS
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
			TOTAL	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

STAFF CALCULATION

(A) x (B) = [REDACTED]
(A) x (C) = [REDACTED]

B = (d) / A
C = (e) / A

W/P 65-4

SOURCE: AS REFERENCED

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL
 SWAPS INVOICE SUMMARY-MAY 2008

09/17
 JUN 9/19

DOCKET No. 080001 -E/

AUDIT CONTROL No. 08-221-2-2

TAMPA ELECTRIC CO.
 SWAPS - DERIVATIVE NATURAL GAS INVOICES

May-08 Production Month
 4/28/2008 Nymex Settlement Date
 Total Cash Flow Derivatives

TEC						
Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	Cntrt	Amount	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL						(A) [REDACTED]

PGS						
Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	Cntrt	Amount	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL WIRE						(B) [REDACTED]

TOTAL						
Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	Cntrt	Amount	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL						(C) [REDACTED]
Subtotal Receivables						[REDACTED]
Subtotal Payables						[REDACTED]
TOTAL REALIZED DERIVATIVES						[REDACTED]

A = (C) - (B)

SOURCE: PBC

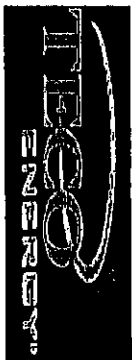
W/P 65-4/1

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
PEOPLE'S GAS MARK TO MARKET REPORT

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

HH 09/17
4/29/08



Position Summary Detail Report

RMS Process Date: 04/29/2008 - Run Date: 04/29/2008 09:32:53 AM

200805 200805

Company/Deal # Trade Date P / S Crndty Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBtUS)

Price US\$

Basis

M2M Price

M2M Basis

Margin

Profit (Loss) Com

Region: ALL

Basis Point: ALL

Deal Type: ALL

Portfolio: ALL

Profit Center: TEC-PCGS-DV

Page: 1

Strategy: ALL

ALL

HH
HENRY/HUB

200805
SWPS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

M @ =
S @ =
65-4/1

✓ = Traced to invoices

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4/29/08

WIP 65-4/2

SOURCE: PBC

09/17
Aug 9/19

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL SWAPS

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Position Summary Detail Report

RMS Process Date: 08/21/2008 - Run Date: 08/21/2008 12:01:10 PM

200805

Company/Deal # Trade Date P / S Crndy

Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBtus)

Price US\$

Basis

M2M Price

M2M Basis

Margin

Profit (Loss)

Comm

Region: ALL

Page: 1

ALL

Basis Point: ALL

Strategy: ALL

Enterprise: ALL

Deal Type: SWAPS

Portfolio: ALL

Profit Center: ALL

Commodity: ALL

HH
HENRY/HUB

200805

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------

[REDACTED]

65-4

SOURCE: PBC

W/P 65-4/3

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: CROSS SUBSIDY TESTING
 PERIOD: MONTH ENDING JUNE, 2008
 AUDITOR: DANIEL ACHEAMPONG *08/01/08*

FILENAME: CROSS SUBSIDY
 DOCKET: 080001-EI
 SHEET: JUNE

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	TEC Amount	PGS Amount	TOTAL	PERCENTAGE HEDGED-TEC	PERCENTAGE HEDGED-PGS
				(D)	(E)	A	B	C
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL				65-51	65-51	65-51	65-51	65-51

STAFF CALCULATION



$B = D/A$
 $C = E/A$

SOURCE: AS REFERENCED

W/P

65-5

W/P 65-5

DA 09/17

JUN 9/19

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL
 SWAPS INVOICE SUMMARY-JUNE 2008

DOCKET No. 080001 - E1

AUDIT CONTROL No. 08-221-2-2

TAMPA ELECTRIC CO.
 SWAPS - DERIVATIVE NATURAL GAS INVOICES

Jun-08 Production Month
 5/28/2008 Nymex Settlement Date
 Total Cash Flow Derivatives

TEC

Name	Nucleus Invoice No.	Counterparty Invoice No.	Invoice Due Date	Cntrt	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL				(A)	[REDACTED]

65-5

TO:
FROM:
RE:

PGS

Name	Nucleus Invoice No.	Counterparty Invoice No.	Invoice Due Date	Cntrt	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL WIRE				(B)	[REDACTED]

US-6 65-5

TOTAL

Name	Nucleus Invoice No.	Counterparty Invoice No.	Invoice Due Date	Cntrt	Amount
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL				(C)	[REDACTED]

65-5

Subtotal Receivables
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$$(A) = (C) - (B)$$

43 SOURCE: PEC

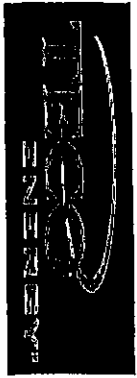
W/P 65-5/1

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 PEOPLE'S GAS MARK TO MARKET REPORT

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

DA 09/17
 Jun 9/19



Position Summary Detail Report

RMS Process Date: 05/29/2008 Run Date: 05/29/2008 09:17:56 AM

200806 200806

Company/Deal # Trade Date P/S Crndty

Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBTUs)

Region: ALL
 Basis Point: ALL
 Deal Type: ALL
 Portfolio: ALL
 Profit Center: TEC-PGS-DV
 Commodity: ALL

Basis

M2M Price

M2M Basis

Margin

Profit (Loss)

Com

Page: 1
 Strategy: ALL
 Enterprise: ALL

HH
 HENRY/HUB

200806
 SWPS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

Σ ⊕ = [REDACTED]
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 65.5/1

✓ = Traced to invoices

ok Ed Elliott

EE

5/29/08

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SOURCE: PBC

WIP 65.5/2

W/P 09/17

W/P 9/19

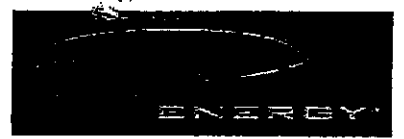
TAMPA ELECTRIC COMPANY

FUEL PRICE HEDGING COST

TAMPA ELECTRIC, PEOPLE'S GAS & TOTAL SWAPS

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Position Summary Detail Report

RMS Process Date:08/21/2008-Run Date:08/21/2008 12:01:25 PM

200806 - 200806

Region: ALL
Basis Point: ALL
Deal Type: - SWAPS
Portfolio: ALL
Profit Center: ALL
Commodity: ALL

Page: 1
Strategy: ALL
Enterprise: ALL

CompanyDeal #	Trade Date	P / S	Comdty	Portfolio	Strategy	Exp Date	Original Volume	Contracts (MMBTUs)	Price US\$	Basis	M2M Price	M2M Basis	Margin	Profit (Loss)	Com
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HH
HENRY/HUB

200806
SWPS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SOURCE: PBC

W/P 05-5/3

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: CROSS SUBSIDY TESTING
 PERIOD: MONTH ENDING JULY, 2008
 AUDITOR: DANIEL ACHEAMPONG

DA 09/17
Aug 9/19

FILENAME: CROSS SUBSIDY
 DOCKET: 080001-EI
 SHEET: JULY

Name	Nucleus Invoice No.:	Counterparty Invoice No.:	Invoice Due Date	(d) TEC Amount	(e) PGS Amount	(A) TOTAL	(B) PERCENTAGE HEDGED-TEC	(C) PERCENTAGE HEDGED-PGS
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL				[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

STAFF CALCULATION

$(A) \times (B)$

$(A) \times (C)$

[REDACTED]

$(B) = (d)/(A)$
 $(C) = (e)/(A)$

SOURCE: AS REFERENCED

W/P 65-6

DA 09/17
Durr 9/19

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
PEOPLE'S GAS MARK & TO MARKET REPORT
DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Position Summary Detail Report

RMS Process Date: 06/27/2008 - Run Date: 06/27/2008 08:12:18 AM

200807 - 200807

Region: ALL
Basis Point: ALL
Deal Type: ALL
Portfolio: ALL
Profit Center: TEC-PGS-DV
Commodity: ALL
Page: 1
Strategy: ALL
Enterprise: ALL

Company/Deal #	Trade Date	P / S	Comdty	Portfolio	Strategy	Exp Date	Original Volume	Contracts (MMBTUs)	Price US\$	Basis	M2M Price	M2M Basis	Margin	Profit (Loss)	Com
HH															
HENRY/HUB															
200807															
SWPS															

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

65-6

$\Sigma @ =$ [REDACTED] (65-6) ✓

✓ = Traced to indices

ok
Ed Elliott
6/27/08

WP 65-6/2

SOURCE: PBC

DM 09/17
Jul 29/19



Position Summary Detail Report

RMS Process Date: 08/21/2008 - Run Date: 08/21/2008 12:01:42 PM

200807 200807

Company/Deal # Trade Date P / S Cndty

Portfolio

Strategy

Exp Date

Original Volume

Contracts (MMBTUs)

Region: ALL
Basis Point: ALL
Deal Type: - SWAPS
Portfolio: ALL
Profit Center: ALL
Commodity: ALL

Page: 1
Strategy: ALL
Enterprise: ALL

M2M Price

M2M Basis

Margin

Profit (Loss)

Com

HH
HENRY/HUB

200807
SWAPS

Table with multiple columns (Company/Deal #, Trade Date, P/S, Cndty, Portfolio, Strategy, Exp Date, Original Volume, Contracts, Region, Basis Point, Deal Type, Portfolio, Profit Center, Commodity, Page, Strategy, Enterprise, M2M Price, M2M Basis, Margin, Profit (Loss), Com) and multiple rows of data, all of which are heavily redacted with black bars.

[Redacted text]

[Redacted text]

SOURCE: PBC

W/P 65+6/3

COMPANY: TAMPA ELECTRIC COMPANY
SUBJECT: CONTRACT TESTING
PERIOD: SEVEN MONTHS ENDING JULY, 2008
AUDITOR: DANIEL ACHEAMPONG

09/19
09/17

FILENAME: HEDGING CONTRACT SAMPLE
DOCKET: 080001-EJ
SHEET: SAMPLE

CONFIRMATION

MONTH	Counter Pty	Deal #	MW Equiv.	Volume	Unit	Price	Value	Mkt Price	Mkt Value	CONTRACT LIMITS	DEAL WITHIN CONTRACT PERIOD	AGREEMENT TO COVER DEAL	HEDGED VOLUME WITHIN CONTRACT LIMITS	CONTRACT SIGNED AND DATED
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

✓ = TRACED TO CONFIRMATION (CONFIDENTIAL AND TOO BULKY TO INCLUDE IN WORK PAPERS)

x = TRACED TO NATURAL GAS FUTURES PRICES

* = Sampled from Mark to market Report. (w/p 62-2 series)

SOURCE: AS REFERENCED

W/P 67

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST

MA 09/17
 JWP 9/19

NATURAL GAS FUTURES PRICES (NYMEX)

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2



Energy Information Administration

Official Energy Statistics from the U.S. Government

Natural Gas Navigator

[Back to Contents](#)

Data 1: Natural Gas Futures Prices (NYMEX)

Source key	RNGC1	RNGC2	RNGC3	RNGC4
	Natural Gas Futures	Natural Gas Futures	Natural Gas Futures	Natural Gas Futures
	Contract 1 (Dollars	Contract 2 (Dollars	Contract 3 (Dollars	Contract 4 (Dollars
Date	per Million BTU)	per Million BTU)	per Million BTU)	per Million BTU)
	To W/P 67			
Dec 27, 2007	7.172	7.2	7.237	7.272
Jan 29, 2008	7.996	7.943	7.933	7.985
Feb 27, 2008	8.93	9.06	9.103	9.165
Mar 27, 2008	9.578	9.687	9.783	9.885
Apr 28, 2008	11.28	11.329	11.452	11.502
May 28, 2008	11.916	11.995	12.079	12.094
Jun 26, 2008	13.105	13.248	13.291	13.366

SOURCE: http://tonto.eia.doe.gov/dnav/ng/ng_pri_fut_sl_d.htm

W/P 67-1

CONFIDENTIAL

**TAMPA ELECTRIC COMPANY
DOCKET NO. 080001-EI
HEDGING INFORMATION REPORT
FILED: 8/15/08**

**Tampa Electric
Natural Gas Risk Management Activities
January through July 2008**

	Type of Hedge	Mark-to-Market Saving/(Loss)	Hedged Volume (MMBTU)	Consumption (MMBTU)	Percent Hedged	Budget Price	Hedge Price	Settle Price
Jan-08	Swaps			4,952,279				\$ 7.17
Feb-08	Swaps			3,531,736				\$ 8.00
Mar-08	Swaps			2,774,327				\$ 8.93
Apr-08	Swaps			4,573,838				\$ 9.58
May-08	Swaps			6,103,368				\$ 11.28
Jun-08	Swaps			5,873,024				\$ 11.92
Jul-08	Swaps			4,583,176				\$ 13.11
Total				32,391,748				

¹ Preliminary. Actual data will be included in true-up filing.

Note: In July 2008, coal-fired generation was greater than expected, and load was less than expected. Therefore, the natural gas units were used less than projected, and the resulting percent hedged was higher than expected.

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: ANALYTICS
 PERIOD: SEVEN MONTH ENDING JULY, 2008
 AUDITOR: DANIEL ACHEAMPONG

09/19 Dur 9/25

FILENAME: HEDGE PLAN LIMITS
 DOCKET: 080001-EI
 SHEET: ANALYTICS

w/p 7

MONTH	HEDGING GAIN (LOSS)	HEDGING PERCENTAGE	MONTH	HEDGING GAIN (LOSS)	HEDGING PERCENTAGE	HEDGING GAIN (LOSS) DIFFERENCE	HEDGING PERCENTAGE DIFFERENCE
Jan-07	([REDACTED])	<i>71</i> [REDACTED]	Jan-08	<i>45</i> [REDACTED]	<i>45</i> [REDACTED]	6,498,410.00	-44.00%
Feb-07	([REDACTED])	[REDACTED]	Feb-08	([REDACTED])	[REDACTED]	4,292,250.00	32.00%
Mar-07	[REDACTED]	[REDACTED]	Mar-08	[REDACTED]	[REDACTED]	4,831,220.00	30.00%
Apr-07	[REDACTED]	[REDACTED]	Apr-08	[REDACTED]	[REDACTED]	4,638,900.00	-23.00%
May-07	[REDACTED]	[REDACTED]	May-08	[REDACTED]	[REDACTED]	14,527,660.00	-9.00%
Jun-07	([REDACTED])	[REDACTED]	Jun-08	[REDACTED]	[REDACTED]	15,107,310.00	-7.00%
Jul-07	([REDACTED])	[REDACTED]	Jul-08	[REDACTED]	[REDACTED]	26,323,680.00	36.00%
						<u>76,219,430.00</u>	

SOURCES: AS REFERENCED

W/P 7

*Explanation to hedging Percentage differences, please see
 w/p 7-2.*

Mr. [unclear]
June 9/18

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
PRIOR YEAR (2007) NATURAL GAS COST
AUDIT CONTROL No. 08-221-2-2
DOCKET No. 080001-EI

080001-EI

EXHIBIT 1

Month	(A) Gas Cost	(A) ÷ (B) ÷ (E) Gas Percent	(C) Hedging (Gain) Loss	(D) ÷ (E) Hedging Percent	(E) Schedule A-5
Jan-07	\$ [REDACTED]	64.26%	[REDACTED]	[REDACTED]	\$31,119,956
Feb-07	[REDACTED]	85.85%	[REDACTED]	[REDACTED]	49,371,959
Mar-07	[REDACTED]	90.32%	[REDACTED]	[REDACTED]	44,195,874
Apr-07	[REDACTED]	98.17%	[REDACTED]	[REDACTED]	47,208,024
May-07	[REDACTED]	98.10%	[REDACTED]	[REDACTED]	53,305,617
Jun-07	[REDACTED]	98.49%	[REDACTED]	[REDACTED]	51,668,997
Jul-07	[REDACTED]	93.44%	[REDACTED]	[REDACTED]	55,975,115
Aug-07	[REDACTED]	87.80%	[REDACTED]	[REDACTED]	61,073,372
Sep-07	[REDACTED]	80.85%	[REDACTED]	[REDACTED]	51,267,098
Oct-07	[REDACTED]	89.47%	[REDACTED]	[REDACTED]	47,059,914
Nov-07	[REDACTED]	89.85%	[REDACTED]	[REDACTED]	30,977,585
Dec-07	[REDACTED]	86.37%	[REDACTED]	[REDACTED]	41,149,283
Totals	[REDACTED]	89.42%	[REDACTED]	[REDACTED]	\$564,372,794

W/P 7-1-
(1 of 2)

DOCUMENT NUMBER-DATE
03076 APR 18 8
FPSC-COMMISSION CLERK

[Handwritten Signature]

SOURCE: 2007 HEDGE AUDIT, AUS/07-53-2-2

09/17
pmp 9/18

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
PRIOR YEAR (2007) NATURAL GAS COST

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

EXHIBIT 2

Natural Gas Hedge Percentage

(Units for MCF and MMBTU are in 000's)

Projected Month	MCF	Conversion Factor	Original MMBTU	Revised MMBTU	Hedged MMBTU	Revised Hedge %	Within Plan Limits
Jan-07	3,482	1.028	3,579	3,579	[REDACTED]	[REDACTED]	yes
Feb-07	4,162	1.028	4,278	4,278	[REDACTED]	[REDACTED]	yes
Mar-07	4,336	1.028	4,457	4,457	[REDACTED]	[REDACTED]	yes
Apr-07	4,569	1.028	4,697	4,697	[REDACTED]	[REDACTED]	yes
May-07	5,844	1.028	6,008	6,008	[REDACTED]	[REDACTED]	yes
Jun-07	5,477	1.028	5,630	5,630	[REDACTED]	[REDACTED]	yes
Jul-07	6,354	1.028	6,532	6,532	[REDACTED]	[REDACTED]	yes
Aug-07	6,364	1.028	6,542	6,542	[REDACTED]	[REDACTED]	yes
Sep-07	5,335	1.028	5,484	5,720	[REDACTED]	[REDACTED]	yes
Oct-07	4,580	1.028	4,708	5,460	[REDACTED]	[REDACTED]	yes
Nov-07	3,683	1.028	3,786	3,590	[REDACTED]	[REDACTED]	no
Dec-07	4,222	1.028	4,340	5,050	[REDACTED]	[REDACTED]	yes
Totals	58,406		60,041	61,543	[REDACTED]	[REDACTED]	

The company revised its projected natural gas burn in Aug-07 for Sep-07 to Dec-07. The Nov-07 projection was revised down and no further contracts were purchased. The existing contracts prior to the revision caused the company to exceed the 80% maximum by 14%.

Projected Month	MCF	Conversion Factor	Actual MMBTU	Hedged MMBTU	Hedge %
Jan-07	2,693	1.032	2,779	[REDACTED]	98% ⁷
Feb-07	4,660	1.031	4,805	[REDACTED]	63%
Mar-07	4,719	1.031	4,865	[REDACTED]	67%
Apr-07	4,970	1.032	5,129	[REDACTED]	69%
May-07	5,667	1.034	5,860	[REDACTED]	71%
Jun-07	5,331	1.034	5,513	[REDACTED]	73%
Jul-07	5,831	1.035	6,035	[REDACTED]	71%
Aug-07	6,251	1.032	6,451	[REDACTED]	72%
Sep-07	5,355	1.032	5,526	[REDACTED]	78%
Oct-07	5,057	1.029	5,203	[REDACTED]	79%
Nov-07	3,063	1.027	3,145	[REDACTED]	107%
Dec-07	3,958	1.027	4,065	[REDACTED]	99%
Totals	57,556		59,378	[REDACTED]	77%

The above schedule reflects the ratio of hedged natural gas contracts to the actual natural gas purchases in 2007 and is for informational purposes only.

DOCUMENT NUMBER-DATE

03076 APR 18 08

- 7 -

FPSC-COMMISSION CLERK

SOURCE: 2007 HEDGE AUDIT, AUS #07-353-2-2

W/P 7-1
(2 of 2)

MA 09/12
 dup 9/18

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST

EXPLANATION TO DIFFERENCES IN ANALYTICS

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

**Tampa Electric Company
 Review of Accounting Treatment for Hedging Activities
 Docket # 080001-EI
 Audit Request 11**

The following schedule depicts the difference between prior year hedging and current year hedging, could you please explain why there are such enormous differences in the actual percentage hedged by month and the driving factors for the gain (loss).

MONTH	HEDGING GAIN (LOSS)	HEDGING PERCENTAGE	MONTH	HEDGING GAIN (LOSS)	HEDGING PERCENTAGE	HEDGING GAIN (LOSS) DIFFERENCE	HEDGING PERCENTAGE DIFFERENCE
Jan-07	[REDACTED]	[REDACTED]	Jan-08	[REDACTED]	[REDACTED]	(6,498,410.00)	-44.00%
Feb-07	[REDACTED]	[REDACTED]	Feb-08	[REDACTED]	[REDACTED]	(4,292,250.00)	32.00%
Mar-07	[REDACTED]	[REDACTED]	Mar-08	[REDACTED]	[REDACTED]	(3,724,720.00)	30.00%
Apr-07	[REDACTED]	[REDACTED]	Apr-08	[REDACTED]	[REDACTED]	2,908,700.00	-23.00%
May-07	[REDACTED]	[REDACTED]	May-08	[REDACTED]	[REDACTED]	12,503,840.00	-9.00%
Jun-07	[REDACTED]	[REDACTED]	Jun-08	[REDACTED]	[REDACTED]	13,548,170.00	-7.00%
Jul-07	[REDACTED]	[REDACTED]	Jul-08	[REDACTED]	[REDACTED]	18,980,920.00	36.00%
						<u>33,426,250.00</u>	

Two components influenced the actual percent hedged: the quantity hedged and the actual natural gas consumed in the power plants. The quantity hedged is typically very similar for the same month of each year. It is the actual consumption that varies. Weather and unit outages drive the amount of natural gas consumed, so in low load shoulder months such as February through May, the actual consumption of natural gas may vary significantly from year to year. Additionally, the percent hedged is effected when the actual consumption varies from the projected consumption.

The driving factor for the gain or loss is the change in gas price between the time the fixed price hedge is entered into and the final settlement of the market price. A hedge yields a gain (the market price settles above the fixed hedge price) when prices trend upward. The steeper the upward trend, the larger the gain. A hedge yields a loss when the market trends toward lower prices. The amount of gain is also influenced by the quantity hedged, but this value is relatively consistent for a given month from year to year.

**FLORIDA PUBLIC SERVICE COMMISSION
AUDIT DOCUMENT/RECORD REQUEST
NOTICE OF INTENT**

TO: Paul Edwards
UTILITY: Tampa Electric Company
FROM: Daniel Acheampong
 (AUDIT MANAGER)

(AUDITOR PREPARING REQUEST)
 DATE OF REQUEST: 08/21/2008

REQUEST NUMBER: Nine
AUDIT PURPOSE: Review of Accounting Treatment for Hedging Activities - Dkt: 080001-EI

REQUEST THE FOLLOWING ITEM(S) BE PROVIDED BY: 08/26/2008

REFERENCE RULE 25-22.006, F.A.C., THIS REQUEST IS MADE: INCIDENT TO AN INQUIRY
 OUTSIDE OF AN INQUIRY

ITEM DESCRIPTION:

① Please provide the SWAP Confirmation documentation for the following deals;

REPORT DATE	DEAL #	VOLUME UNIT (MMBTU)
12/28/2007	13113	
	13141	
	13305	
	13498	
	13475	
1/30/2008	13113	
	13171	
	13478	
	13405	
	13204	
2/28/2008	13525	
	13113	
	13534	
3/31/2008	13208	
	13480	
	13442	
	13342	
	13538	
	13122	
4/29/2008	13503	
	13613	
	13406	
	13528	
05/29/2008	13537	
	13529	
	13538	
	13644	
06/27/2008	13530	
	13132	

② Also please provide the SWAP Confirmation and the ISDA master agreement documentation for the following deals;

REPORT DATE	DEAL #	VOLUME UNIT (MMBTU)
2/28/2008	13538	[REDACTED]
3/31/2008	13441	[REDACTED]
6/27/2008	13539	[REDACTED]

TO: AUDIT MANAGER _____

DATE: July 25, 2008

THE REQUESTED RECORD OR DOCUMENTATION:

- (1) HAS BEEN PROVIDED TODAY
- (2) CANNOT BE PROVIDED BY THE REQUESTED DATE BUT WILL BE MADE AVAILABLE BY _____
- (3) AND IN MY OPINION, ITEM(S) 1+2 IS(ARE) PROPRIETARY AND CONFIDENTIAL BUSINESS INFORMATION AS DEFINED IN 364.183, 366.093, OR 367.156, F.S. TO MAINTAIN CONTINUED CONFIDENTIAL HANDLING OF THIS MATERIAL, THE UTILITY OR OTHER PERSON MUST, WITHIN 21 DAYS AFTER THE AUDIT EXIT CONFERENCE, FILE A REQUEST FOR CONFIDENTIAL CLASSIFICATION WITH THE DIVISION OF RECORDS AND REPORTING. REFER TO RULE 25-22.006, F.A.C.
- (4) THE ITEM WILL NOT BE PROVIDED. (SEE ATTACHED MEMORANDUM)

SIGNATURE AND TITLE OF RESPONDENT)

Distribution: Original: Utility (for completion and return to Auditor)
Copy: Audit File and FPSC Analyst

PSC/AUS-6 (Rev.2/95)

[Signature] Director, Financial Reporting

**FLORIDA PUBLIC SERVICE COMMISSION
AUDIT DOCUMENT/RECORD REQUEST
NOTICE OF INTENT**

TO: Paul Edwards
UTILITY: Tampa Electric Company
FROM: Daniel Acheampong
 (AUDIT MANAGER)

(AUDITOR PREPARING REQUEST)

REQUEST NUMBER: 11 **DATE OF REQUEST:** 09/02/2008

AUDIT PURPOSE: Review of Accounting Treatment for Hedging Activities - Dkt: 08000 [EI]

REQUEST THE FOLLOWING ITEM(S) BE PROVIDED BY: 09/05/2008

REFERENCE RULE 25-22.006, F.A.C., THIS REQUEST IS MADE: INCIDENT TO AN INQUIRY
 OUTSIDE OF AN INQUIRY

ITEM DESCRIPTION:

The following schedule depicts the difference between prior year hedging and current year hedging, could you please explain why there are such a enormous differences in the actual percentage hedged by month and the driving factors for the gain (loss)

MONTH	HEDGING GAIN (LOSS)	HEDGING PERCENTAGE	MONTH	HEDGING GAIN (LOSS)	HEDGING PERCENTAGE	HEDGING GAIN (LOSS) DIFFERENCE	HEDGING PERCENTAGE DIFFERENCE
Jan-07	[REDACTED]	[REDACTED]	Jan-08	[REDACTED]	[REDACTED]	(6,498,410.00)	-44.00%
Feb-07	[REDACTED]	[REDACTED]	Feb-08	[REDACTED]	[REDACTED]	(4,292,250.00)	32.00%
Mar-07	[REDACTED]	[REDACTED]	Mar-08	[REDACTED]	[REDACTED]	(3,724,720.00)	30.00%
Apr-07	[REDACTED]	[REDACTED]	Apr-08	[REDACTED]	[REDACTED]	2,908,700.00	-23.00%
May-07	[REDACTED]	[REDACTED]	May-08	[REDACTED]	[REDACTED]	12,503,840.00	-9.00%
Jun-07	[REDACTED]	[REDACTED]	Jun-08	[REDACTED]	[REDACTED]	13,548,170.00	-7.00%
Jul-07	[REDACTED]	[REDACTED]	Jul-08	[REDACTED]	[REDACTED]	18,980,920.00	36.00%
						33,426,250.00	

TO: AUDIT MANAGER
THE REQUESTED RECORD OR DOCUMENTATION:

DATE: September 4, 2008

- (1) HAS BEEN PROVIDED TODAY
- (2) CANNOT BE PROVIDED BY THE REQUESTED DATE BUT WILL BE MADE AVAILABLE BY _____
- (3) AND IN MY OPINION, ITEM(S) 1 IS(ARE) PROPRIETARY AND CONFIDENTIAL BUSINESS INFORMATION AS DEFINED IN 364.183, 366.093, OR 367.156, F.S. TO MAINTAIN CONTINUED CONFIDENTIAL HANDLING OF THIS MATERIAL, THE UTILITY OR OTHER PERSON MUST, WITHIN 21 DAYS AFTER THE AUDIT EXIT CONFERENCE, FILE A REQUEST FOR CONFIDENTIAL CLASSIFICATION WITH THE DIVISION OF RECORDS AND REPORTING. REFER TO RULE 25-22.006, F.A.C.
- (4) THE ITEM WILL NOT BE PROVIDED. (SEE ATTACHED MEMORANDUM)

[Signature]
 SIGNATURE AND TITLE OF RESPONDENT Director Financial Reporting

Distribution: Original: Utility (for completion and return to Auditor)
 Copy: Audit File and FPSC Analyst

① used at W/P 7-2

**FLORIDA PUBLIC SERVICE COMMISSION
AUDIT DOCUMENT/RECORD REQUEST
NOTICE OF INTENT**

TO: Sloan Lewis
UTILITY: Tampa Electric Company
FROM: Daniel Acheampong
 (AUDIT MANAGER)

(AUDITOR PREPARING REQUEST)

REQUEST NUMBER: 13 **DATE OF REQUEST:** 09/08/2008

AUDIT PURPOSE: Review of Accounting Treatment for Hedging Activities - Dkt: 08000 [EI]

REQUEST THE FOLLOWING ITEM(S) BE PROVIDED BY: 09/10/2008

REFERENCE RULE 25-22.006, F.A.C., THIS REQUEST IS MADE: INCIDENT TO AN INQUIRY
 OUTSIDE OF AN INQUIRY

ITEM DESCRIPTION:

Could you please provide explanation, why in May, 2008 deal # 13382 exceeded the three hundred thousand credit limit set for FC Stone.
 Also please provide me with the individuals who transacted the following deals.

Grouping	Counter Pty	Deal #	Trade Date	Del Start	Del End	MW Equiv.	Volume	Price
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

TO: AUDIT MANAGER

DATE: Sept 9, 2008

THE REQUESTED RECORD OR DOCUMENTATION:

- (1) HAS BEEN PROVIDED TODAY
- (2) CANNOT BE PROVIDED BY THE REQUESTED DATE BUT WILL BE MADE AVAILABLE BY _____
- (3) AND IN MY OPINION, ITEM(S) 1 IS(ARE) PROPRIETARY AND CONFIDENTIAL BUSINESS INFORMATION AS DEFINED IN 364.183, 366.093, OR 367.156, F.S. TO MAINTAIN CONTINUED CONFIDENTIAL HANDLING OF THIS MATERIAL, THE UTILITY OR OTHER PERSON MUST, WITHIN 21 DAYS AFTER THE AUDIT EXIT CONFERENCE, FILE A REQUEST FOR CONFIDENTIAL CLASSIFICATION WITH THE DIVISION OF RECORDS AND REPORTING. REFER TO RULE 25-22.006, F.A.C.
- (4) THE ITEM WILL NOT BE PROVIDED (SEE ATTACHED MEMORANDUM)

[Signature]
 Director, Financial Reporting
 (SIGNATURE AND TITLE OF RESPONDENT)

Distribution: Original: Utility (for completion and return to Auditor)
 Copy: Audit file and FPSC Analyst

① used at W/P 62/1

10-13

2/11/08
 09/12
 JUP 9/18

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 HEDGING ACTIVITIES FILING

SEVEN MONTH PERIOD ENDED JULY, 2008

DOCKET No. 080001-51

AUDIT CONTROL No. 08-221-2-2

CONFIDENTIAL

Tampa Electric
 Natural Gas Risk Management Activities
 January through July 2008

	Type of Hedge	Mark-to-Market Saving/(Loss)	Hedged Volume (MMBTU)	Consumption (MMBTU)	Percent Hedged	Budget Price	Hedge Price	Settle Price
Jan-08	Swaps	[REDACTED]	[REDACTED]	4,952,279	[REDACTED]	[REDACTED]	[REDACTED]	\$ 7.17
Feb-08	Swaps	[REDACTED]	[REDACTED]	3,531,736	[REDACTED]	[REDACTED]	[REDACTED]	\$ 8.00
Mar-08	Swaps	[REDACTED]	[REDACTED]	2,774,327	[REDACTED]	[REDACTED]	[REDACTED]	\$ 8.93
Apr-08	Swaps	[REDACTED]	[REDACTED]	4,573,838	[REDACTED]	[REDACTED]	[REDACTED]	\$ 9.58
May-08	Swaps	[REDACTED]	[REDACTED]	6,103,368	[REDACTED]	[REDACTED]	[REDACTED]	\$ 11.28
Jun-08	Swaps	[REDACTED]	[REDACTED]	5,873,024	[REDACTED]	[REDACTED]	[REDACTED]	\$ 11.92
Jul-08	Swaps	[REDACTED]	[REDACTED]	4,583,176	[REDACTED]	[REDACTED]	[REDACTED]	\$ 13.11
Total		\$ [REDACTED]	[REDACTED]	32,391,749	[REDACTED]	[REDACTED]	[REDACTED]	

Preliminary. Actual data will be included in true-up filing.
 Note: In July 2008, coal-fired generation was greater than expected, and load was less than expected.

Therefore, the natural gas units were used less than projected, and the resulting percent hedged was higher than expected.

(A) => goes to work paper 61 and 7
 (B) => goes to work paper 7
 (B) => from 45-1 45-6
 45-2 45-7
 45-3
 45-4
 45-5

SOURCE: PBC

W/P 45

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 GENERAL LEDGER-JANUARY 2008

09/17
 Pur 9/18

DOCKET No. 080001-EA

AUDIT CONTROL No. 08-221-2-2

GL_YR	GL_MTH	FERC_PNT	TRNS_DSC	JE_NO	TRNS_AMT	VCHR_NO	VND_NM
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GL_YR	GL_MTH	FERC_PNT	TRNS_DSC	JE_NO	TRNS_AMT	VCHR_NO	VND_NM
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PGS [REDACTED]

TEC [REDACTED]

✓ = Selected for testing. (tested 100% Transactions)
 x = Traced it to Mark to Market Report.

SOURCE: PBC/GENERAL LEDGER

W/P 45-11

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
GENERAL LEDGER-FEBRUARY 2008

DA 09/17
JUL 9/18

DOCKET No. 080001-E1

AUDIT CONTROL No. 08-221-2-2

GL_YR GL_MTH FERC_PNT TRNS_DSC JE_NO TRNS_AMT VCHR_NO VND_NM

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PGS

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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TEC

45-8/1
X

FEBRUARY 151-17 TOTAL

V = Tested 100% of Transaction Expenses
X = Traced to Mark to market Report.

40																								
41																								
42																								
43																								

SOURCE: PBC GENERAL LEDGER

W/P 45-2/1

COMPANY: TAMPA ELECTRIC COMPANY
SUBJECT: TRANSACTION COST TESTING
PERIOD: MONTH ENDING MARCH, 2008
AUDITOR: DANIEL ACHEAMPONG

on 01/27 9/15

FILENAME: TRANSACTION TESTING
DOCKET: 080001-EI
SHEET: MARCH

W/P 45-3

GL_YR	GL_MTH	TRNS_DSC	JE_NO	VCHR_NO	VND_NM	GL AMOUNT	INVOICE AMOUNT	APPROVAL STAMP	PROPER PERIOD
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	TOTAL	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<u>PGS</u>	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<u>TEC</u>	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

z = Confidential invoices, too bulky to include in confidential report, disposed
 * = (A) + (B) off through utility shredding bin

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 GENERAL LEDGER-MARCH 2008

*11/17 09/17
 Pur 9/18*

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

GL_YR GL_MTH FERC_PNT TRNS_DSC JE_NO TRNS_AMT VCHR_NO VND_NM

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

45-3/2
X

TEC

MARCH 151-17 TOTAL

✓ = Tested 100% of Transaction Cost
 X = Traced to Mark to Market Report.

40
41
42
43

SOURCE: PBC GENERAL LEDGER

W/P 45-3/1

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 GENERAL LEDGER-APRIL 2008

*MA 09/17
 MR 9/18*

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

GL YR	GL MTH	PERC PNT	TRNS DSC	JE NO	TRNS AMT	VCHR NO	VND NM
				[REDACTED]	[REDACTED]	45-4	[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]
				[REDACTED]	[REDACTED]		[REDACTED]

PGS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TEC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

45-813
 X

APRIL 151-17 TOTAL

✓ = Tested 100% of Transaction Cost
 X = Traced to Mark to Market Report

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 GENERAL LEDGER-MAY 2008

*DH 09/17
 JWR 9/18*

DOCKET No. 080001-E1

AUDIT CONTROL No. 08-221-2-2

GL_YR | GL_MTH | FERC | PNT | TRNS_DSC | JE_NO | TRNS_AMT | VCHR_NO | VNDYNM

[REDACTED]

PGS

TEC

MAY 15-17 TOTAL

*45-8/4
 X*

45-5

✓ = Tested 100% of Transaction Cost
 X = Traced to Mark to Market Report.

SOURCE: PBC/GENERAL LEDGER

W/P 45-5/1

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: TRANSACTION COST TESTING
 PERIOD: MONTH ENDING JUNE, 2008
 AUDITOR: DANIEL ACHEAMPONG

FILENAME: TRANSACTION TESTING
 DOCKET: 080001-EI
 SHEET: JUNE

WIP 45-6

GL_YR	GL_MTH	TRNS_DSC	JE_NO	VND_NM	GL AMOUNT	INVOICE AMOUNT	PROPER PERIOD
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	TOTAL	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

SOURCE: AS REFERENCED

z = Confidential Invoices, too bulky to include in Confidential Report. disposed off through utility shredding bin per utility rep. WIP 45-6

9/17 9/18

45-611

Z

45

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
GENERAL LEDGER-JUNE 2008

DA 09/17
MR 2/18

DOCKET No. 080001-E1

AUDIT CONTROL No. 08-221-2-2

GL YR GL MTH FERC PNT TRNS DSC JE NO TRNS AMT VCHR NO VND NM

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PGS

TEC

45-8/5
x

45-6

JUNE 15-17 TOTAL

√ = Tested 100% of Transaction Cost
x = Traced to Mark. to Market Report

SOURCE: PBC GENERAL LEDGER

W/P 45-6/1

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: TRANSACTION COST TESTING
 PERIOD: MONTH ENDING JULY, 2008
 AUDITOR: DANIEL ACHEAMPONG

*dup 9/15
 w/ 09/17*

FILENAME: TRANSACTION TESTING
 DOCKET: 080001-EI
 SHEET: JULY

w/p 45-7-

GL_YR	GL_MTH	TRNS_DSC	JE_NO	VND_NM	GL AMOUNT	INVOICE AMOUNT	PROPER PERIOD
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
				Total	(A)	[REDACTED]	[REDACTED]
<u>PGS</u>	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	(B)	[REDACTED]	[REDACTED]
<u>TEC</u>	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

45-6/

Z

Z = Confidential invoices, too bulky to include in Confidential Report, disposed w/p 45-7
** = (A) + (B) off through utility shredding bin*

SOURCE: AS REFERENCED

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
GENERAL LEDGER-JULY 2008

*MT 09/17
PWR 9/15*

DOCKET No. 080001 - E1

AUDIT CONTROL No. 08-221-2-2

GL_YR	GL_MTH	FERC_PNT	TRNS_DSC	JE_NO	TRNS_AMT	VCHR_NO	VND_NM
						<i>45-7</i>	
<i>PQS</i> 2008							
<i>TEC</i>							
<i>JULY</i> 151-17	<i>TOTAL</i>						

PQS 2008

TEC

JULY 151-17 *TOTAL*

*√ = Tested 100% of Transaction cost
x = Traced to Mark to Market Report.*

SOURCE: PBC/GENERAL LEDGER

W/P *45-7/11*

DT 09/17
 2/18/19

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 FUEL EXPENSE REPORT 2008

AUDIT CONTROL No. 08-221-2-2

DOCKET No. 080001-EI

SA [REDACTED]

January-08

547-76 547-75 547-74 547-73

POLK	Total	Unit 2	Unit 3	Unit 4	Unit 4 (Gas Exp)	Unit 5	Unit 5 (Gas Exp)
Mmbtu's	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MCF's	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Sep 07	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Nov 07	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Total Polk Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mmbtu	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

The following MCF adjustments have been incorporated amongst the following Polk units: Unit 2 (4,545) Unit 4 (3,014) Unit 5 (3,164)

BAYSIDE	Total	Unit 1	Unit 2
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Sep 07	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Nov 07	[REDACTED]	[REDACTED]	[REDACTED]
Total Bayside Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mmbtu	[REDACTED]	547-90	547-91

TOTAL POLK & BAYSIDE
 MMBTU'S
 POLK
 BAYSIDE
 BTU FACTOR

CITY OF TAMPA	Total
[REDACTED]	[REDACTED]
% of Total	[REDACTED]
Purchases	[REDACTED]
Sale	[REDACTED]
Imbalance - Pipeline	[REDACTED]
Inventory - Current Month	[REDACTED]
Inventory - Prior Month	[REDACTED]
Reservation Cost	[REDACTED]
Usage Cost	[REDACTED]
Storage Cost	[REDACTED]
Realized Hedging	[REDACTED]
Accrual Adjustment- Sep 07	[REDACTED]
Accrual Adjustment- Nov 07	[REDACTED]
Total COT Gas Expense	[REDACTED]
\$/Mmbtu	[REDACTED]

TOTAL ALL GAS
 MMBTU'S
 MCF'S
 TOTAL EXPENSE
 W/ ADJUSTMENT
 TOTAL EXPENSE
 W/O ADJUSTMENT

SA = [REDACTED]
 Reconciled to GL and
 mark to market report
 w/p 45-1/1 & 62-2

W/P 45-8

SOURCE: PBC

09/17
pur 9/18

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
FUEL EXPENSE REPORT-2008

DOCKET No. 080001-EI AUDIT CONTROL No. 08-221-2-2

February-08

POLK	Total	Unit 1	Unit 3	Unit 4	Unit 4 (Cap Exp)	Unit 5	Unit 5 (Cap Exp)
Mmbtu's	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MCF's	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	A [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Dec 07	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Sep 07	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Total Polk Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mmbtu	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

BAYSIDE	Total	Unit 1	Unit 2
Mmbtu's	[REDACTED]	[REDACTED]	[REDACTED]
MCF's	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	A [REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Dec 07	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Sep 07	[REDACTED]	[REDACTED]	[REDACTED]
Total Bayside Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mmbtu	[REDACTED]	[REDACTED]	[REDACTED]

TOTAL POLK & BAYSIDE
MMBTU'S
POLK
BAYSIDE
BTU FACTOR

CITY OF TAMPA	
Mmbtu's	[REDACTED]
MCF's	[REDACTED]
Purchases	[REDACTED]
Transportation Cost	[REDACTED]
Accrual Adjustment	[REDACTED]
Total COT Gas Expense	[REDACTED]
\$/Mmbtu	[REDACTED]

TOTAL ALL GAS
MMBTU'S
MCF'S
TOTAL EXPENSE
W/ ADJUSTMENT
TOTAL EXPENSE
W/O ADJUSTMENT

$\Sigma A =$ [REDACTED]
Reconciled to GL and
Mark to Market Report
w/p 45-2/1 & 62-2/1

SOURCE: FBC

WIP 45-8/1

WIP 09/17

June 9/18

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
FUEL EXPENSE REPORT 2008

DOCKET No. 080001-E1 AUDIT CONTROL No. 08-221-2-2

TAMPA ELECTRIC
NATURAL GAS EXPENSE

March-08

POLK	Total	Unit 2	Unit 3	Unit 4	Unit 4 (Cap Exp)	Unit 5	Unit 5 (Cap Exp)
Mmbtu's	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MCF's	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Total Polk Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mmbtu	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

BAYSIDE	Total	Unit 1	Unit 2
Mmbtu's	[REDACTED]	[REDACTED]	[REDACTED]
MCF's	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	[REDACTED]	[REDACTED]	[REDACTED]
Total Bayside Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mmbtu	[REDACTED]	[REDACTED]	[REDACTED]

CITY OF TAMPA	
Mmbtu's	[REDACTED]
MCF's	[REDACTED]
Purchases	[REDACTED]
Transportation Cost	[REDACTED]
Accrual Adjustment	[REDACTED]
Total COT Gas Expense	[REDACTED]
\$/Mmbtu	[REDACTED]

TOTAL POLK & BAYSIDE
MMBTU'S
POLK
BAYSIDE
BTU FACTOR

TOTAL ALL GAS
MMBTU'S
MCF'S
TOTAL EXPENSE
W/ ADJUSTMENT
TOTAL EXPENSE
W/O ADJUSTMENT

SA = [REDACTED]
Reconciled to G/L and
made to market Report
WIP 45-3/1 & 62-2/2

WIP 45-8/2

SOURCE: PBC

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43

07 09/17
 Que 1/18

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 FUEL EXPENSE REPORT 2008

AUDIT CONTROL No. 08-221-2-2

DOCKET No. 080001-EI

TAMPA ELECTRIC
 NATURAL GAS EXPENSE

April-08

POLK	Total	Unit 2	Unit 3	Unit 4	Unit 4 (Cap Exp)	Unit 5	Unit 5 (Cap Exp)
Mmbtu's							
MCFS							
% of Total							
Purchases							
Sale							
Imbalance - Pipeline							
Inventory - Current Month							
Inventory - Prior Month							
Reservation Cost							
Usage Cost							
Storage Cost							
Realized Hedging	A						
Accrual Adjustment- Jan 08							
Accrual Adjustment- Feb 08							
Total Polk Gas Expense							
\$/Mmbtu							

BAYSIDE	Total	Unit 1	Unit 2
Mmbtu's			
MCFS			
% of Total			
Purchases			
Sale			
Imbalance - Pipeline			
Inventory - Current Month			
Inventory - Prior Month			
Reservation Cost			
Usage Cost			
Storage Cost			
Realized Hedging	A		
Accrual Adjustment- Jan 08			
Accrual Adjustment- Feb 08			
Total Bayside Gas Expense			
\$/Mmbtu			

CITY OF TAMPA	
Mmbtu's	
MCFS	
Purchases	
Transportation Cost	
Accrual Adjustment	
Total COT Gas Expense	
\$/Mmbtu	

TOTAL POLK & BAYSIDE
 MMBTUS
 POLK
 BAYSIDE
 BTU FACTOR

TOTAL ALL GAS
 MMBTUS
 MCFS
 TOTAL EXPENSE
 W/ ADJUSTMENT
 TOTAL EXPENSE
 W/O ADJUSTME

ΣA = [REDACTED]
 Reconciled to G/L
 and mark to market
 Report.
 WIP 45-4/1 & 62-2/3

Inventory
 Mmbtu's
 MCFS

WIP 45-8/3

SOURCE: FBC

DA 09/17
 W/P 45-8/4

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 FUEL EXPENSE REPORT 2008

AUDIT CONTROL No. 08-221-2-2

DOCKET No. 080001-EI

TAMPA ELECTRIC
 NATURAL GAS EXPENSE

May-08

POLK	Total	Unit 2	Unit 3	Unit 4	Unit 4 (Cap Exp)	Unit 5	Unit 5 (Cap Exp)
MMBTU's	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MCP'S	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Mar 08	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Total Polk Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mbtu	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

BAYSIDE	Total	Unit 1	Unit 2
MMBTU's	[REDACTED]	[REDACTED]	[REDACTED]
MCP'S	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	[REDACTED]	[REDACTED]	[REDACTED]
Accrual Adjustment- Mar 08	[REDACTED]	[REDACTED]	[REDACTED]
Total Bayside Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mbtu	[REDACTED]	[REDACTED]	[REDACTED]

CITY OF TAMPA
MMBTU's
MCP'S
Purchases
Transportation Cost
Accrual Adjustment
Total COT Gas Expense
\$/Mbtu

TOTAL POLK & BAYSIDE
 MMBTU'S
 POLK
 BAYSIDE
 BTU FACTOR

TOTAL ALL GAS
 MMBTU'S
 MCP'S
 TOTAL EXPENSE
 W/ ADJUSTMENT
 TOTAL EXPENSE
 W/O ADJUSTMENT

Units/Total MMBTU (incl. Cap Exp)
 Park Balance Split
 Inventory
 MMBTU's
 MCP'S

$\Sigma A =$ [REDACTED]
 Reconciled to G/L and
 mark to market Report
 W/P 45-5/1 & 62-2/4

SOURCE: PRC

W/P 45-8/4

W/P 09/12

June 9/18

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
FUEL-EXPENSE REPORT 2008

AUDIT CONTROL No-08-221-2-2

DOCKET No. 080001-1E1

TAMPA ELECTRIC
NATURAL GAS EXPENSE

June-08

POLK	Total	Unit 2	Unit 3	Unit 4	Unit 4 (Cap Exp)	Unit 5	Unit 5 (Cap Exp)
Mmbtu's	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MCFS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Total Polk Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mmbtu	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

BAYSIDE	Total	Unit 1	Unit 2
Mmbtu's	[REDACTED]	[REDACTED]	[REDACTED]
MCFS	[REDACTED]	[REDACTED]	[REDACTED]
% of Total	[REDACTED]	[REDACTED]	[REDACTED]
Purchases	[REDACTED]	[REDACTED]	[REDACTED]
Sale	[REDACTED]	[REDACTED]	[REDACTED]
Imbalance - Pipeline	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Current Month	[REDACTED]	[REDACTED]	[REDACTED]
Inventory - Prior Month	[REDACTED]	[REDACTED]	[REDACTED]
Reservation Cost	[REDACTED]	[REDACTED]	[REDACTED]
Usage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Storage Cost	[REDACTED]	[REDACTED]	[REDACTED]
Realized Hedging	[REDACTED]	[REDACTED]	[REDACTED]
Total Bayside Gas Expense	[REDACTED]	[REDACTED]	[REDACTED]
\$/Mmbtu	[REDACTED]	[REDACTED]	[REDACTED]

CITY OF TAMPA	
Mmbtu's	[REDACTED]
MCFS	[REDACTED]
Purchases	[REDACTED]
Transportation Cost	[REDACTED]
Accrual Adjustment	[REDACTED]
Total COT Gas Expense	[REDACTED]
\$/Mmbtu	[REDACTED]

TOTAL POLK & BAYSIDE
MMBTU'S
POLK
BAYSIDE
BTU FACTOR
Units/Total MMBTU (excl. Cap Exp)
Park Balance Split

TOTAL ALL GAS
MMBTU'S
MCFS
TOTAL EXPENSE W/ ADJUSTMENT
TOTAL EXPENSE W/O ADJUSTMENT

PK 2 & 3 PK 4 & 5 Bayside

Inventory	PK 2 & 3	PK 4 & 5	Bayside
Mmbtu's	[REDACTED]	[REDACTED]	[REDACTED]
MCFS	[REDACTED]	[REDACTED]	[REDACTED]

ΣA = [REDACTED]
Reconciled to G/L and
made to market Report
W/P 45-6/1 & 62-2/5

W/P 45-6/5

SOURCE: PIBC

09/17
 09/17/18

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 FUEL EXPENSE REPORT 2008

AUDIT CONTROL No. 08-221-2-2

DOCKET No. 080001-EI

TAMPA ELECTRIC
 NATURAL GAS EXPENSE

July-08

POLK	Total	Unit 2	Unit 3	Unit 4	Unit 4 (Cap Exp)	Unit 5	Unit 5 (Cap Exp)
Member's MCF's							
% of Total							
Purchases							
Sale							
Imbalance - Pipeline							
Inventory - Current Month							
Inventory - Prior Month							
Reservation Cost							
Usage Cost							
Storage Cost							
Realized Hedging							
Accrual Adjustment - May 08							
Total Polk Gas Expense							
\$/Mmbtu							

THE FOLLOWING MCF ADJUSTMENTS FOR JUNE HAVE BEEN INCORPORATED AMONGST THE FOLLOWING BAYSIDE UNITS: Unit 1 (5) Unit 2 (7)

BAYSIDE	Unit 1	Unit 2	CITY OF TAMPA
Member's MCF's			
% of Total			
Purchases			
Sale			
Imbalance - Pipeline			
Inventory - Current Month			
Inventory - Prior Month			
Reservation Cost			
Usage Cost			
Storage Cost			
Realized Hedging			
Accrual Adjustment - May 08			
Total Bayside Gas Expense			
\$/Mmbtu			

CITY OF TAMPA
Member's MCF's
Purchases
Transportation Cost
Accrual Adjustment
Total COT Gas Expense
\$/Mmbtu

TOTAL POLK & BAYSIDE

MMBTU'S
 POLK
 BAYSIDE
 BTU FACTOR

Units/Total MMBTU (excl. Cap Exp)

Part Balance Split

Member's MCF's

PK 2 Bayside PK 4 Bayside

Inventory

TOTAL ALL GAS

MMBTU'S
 MCF'S
 TOTAL EXPENSE W/ ADJUSTMENT
 TOTAL EXPENSE W/O ADJUSTMENT

EA = [REDACTED]
 Reconciled to G/L and
 mark to market report
 W/P 45-7/1 & 62-2/6

SOURCE: PBC

W/P 45-8/6

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: ACTUAL TO PROJECTION HEDGES
 PERIOD: SEVEN MONTH ENDING JULY, 2008
 AUDITOR: DANIEL ACHEAMPONG

FILENAME: HEDGE PLAN LIMITS
 DOCKET: 080001-EI
 SHEET: LIMITS

09/17
sup 9/22

YEAR	MONTH	MINIMUM ALLOWED	MAXIMUM ALLOWED	ACTUAL PERCENTAGE HEDGED	WITHIN ACCEPTABLE RANGE	OVER (UNDER)
[REDACTED]	[REDACTED]	61-	61-	45	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Ⓟ = Explanation, please see w/p 61-2
 Ⓡ = Explanation, please see w/p 45

Ⓢ → Actual percentage is based on the hedge volume & burn volume.
 Jan → Negative Variance resulted as actual burn being greater than the projected volume.
 Feb & March & July ⇒ positive Variance resulted as actual burn volumes for gas were used less than projected.

MA 09/17
Sup 9/20

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
HEDGE PLAN LIMITS

DOCKET No. 080001E1
AUDIT CONTROL No. 08-221-2-2

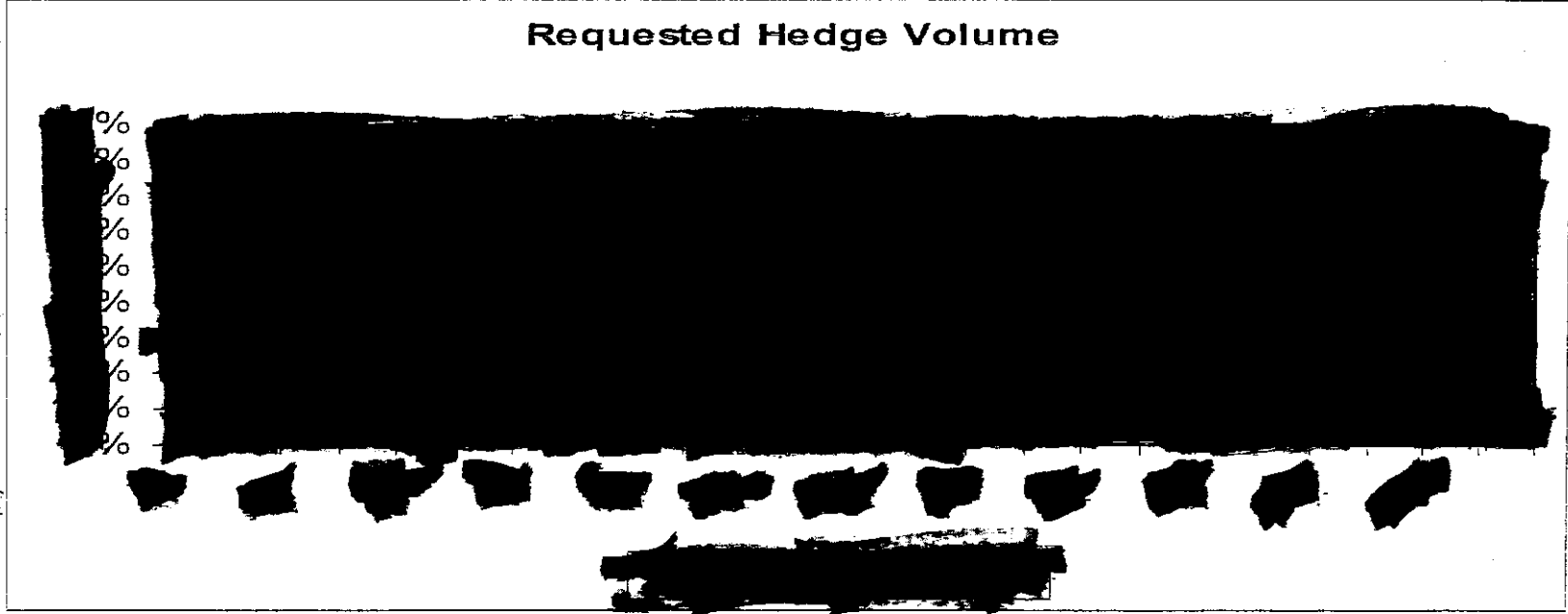


RAC Approval Request

* Extend term limits from [redacted] months to [redacted] months and adjust limits.

- ◆ [redacted]
 - ◆ [redacted]
 - ◆ [redacted]
 - ◆ [redacted]
 - ◆ [redacted]
 - ◆ [redacted]
- 6L / 12-5

Requested Hedge Volume



40	
41	
42	
43	
	W/P
	61-1

SOURCE: EBC

BA 09/17
JUR 9/22

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

EXPLANATION TO VARIANCES IN ACTUAL PERCENTAGE HEDGE AND HEDGE PLAN LIMITS
DOCKET No. 080001-EI AUDIT CONTROL No. 08-221-2-2

Actual	Approved	Over	Under	Other
--------	----------	------	-------	-------	-----	-----	-----	-----

- 1
- 2
- 3
- 4
- 5
- 6
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- 8
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- 11
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- 29
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- 34
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- 38
- 39

**Tampa Electric Company
Review of Accounting Treatment for Hedging Activities
Docket # 080001-EI
Audit Request 12**

Could you please provide explanation to the variance between the actual hedge percentage and the RAC approved limits in the over (under) column? The filing explains the July variance, thus you may limit your explanation to the other months.

Tampa Electric projects natural gas burn volumes during the company's annual fuel projection process. The volume of natural gas the company will hedge falls between a minimum and maximum percentage of these natural gas burn projections. These percentages (of projected volume) are the RAC approved hedge limits.

The variances between the actual hedge percentage and the RAC approved limits are therefore caused by the variance between actual and projected natural gas burn. In general, weather and unit outages drive the amount of natural gas consumed, so in low load shoulder months such as February through May, the actual consumption of natural gas may vary significantly from year to year.

The variance for January (-6%), February (15%) and March (17%) are as follows:

January had lower temperatures than expected, so more natural gas-fired units were used than projected. This caused the actual natural gas burn to be higher than the projection, causing a negative variance.

February's temperature was uncharacteristically warm, so less natural gas-fired generation was required. This caused the actual natural gas burn to be lower than the projection, causing a positive variance.

March had slightly warmer temperatures than usual and less natural gas-fired generation was required. This caused the actual natural gas burn to be lower than the projection, causing a positive variance.

Actual	Approved	Over	Under	Other
--------	----------	------	-------	-------	-----	-----	-----	-----

SOURCE: PBC / DOCUMENT REQUEST 12

W/P 61-2

08/09/13 JWP 9/22

Month	Counter Pty	Deal #	MW Equiv.	Volume	Unit	Price	Value	Mkt Price	Mkt Value	POTENTIAL SETTLEMENT	Credit Limit	Within Credit Limit
		*									62	

W/P 62

*= Samples Selected from mark to Market Report.
 †= Explanation Please see W/P 62/1.

F >> G

Test
 Transaction Settlements is within the credit limit established for Counterparty.

09/12
Aug 9/22

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST

EXPLANATION TO FC STONE TRANSACTION LIMIT

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

Tampa Electric Company
Review of Accounting Treatment for Hedging Activities
Docket # 080001-EI
Audit Request 13

Could you please provide explanation why in May 2008 deal # 13382 exceeded the three hundred thousand credit limit set for FC Stone. Also please provide me with the individuals who transacted the following deals.

Grouping	Counter Party	Deal #	Trade Dates	Del Start	Del End	MW Equiv	Volume	Price
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Deal #13382 was a financial swap for the month of May 2008 for 150,000 MMBtu. It was fixed at a price of \$7.555/MMBtu and settled at the NYMEX price of \$11.28/MMBtu. Therefore, FC Stone owed us \$558,750 for that deal.

In addition to the \$300,000 unsecured limit, FC Stone has also posted \$500,000 in margin with us. This raised their total credit limit at that time to \$800,000.

All of the deals listed above were transacted by Jude Campbell, Manager of Gas Marketing.

TAMPA ELECTRIC COMPANY
 FUEL PRICE HEDGING COST
 MARK TO MARKET REPORT-JANUARY 2008

MA 09/12
 JWP 9/22

DOCKET No. 080001-E1

AUDIT CONTROL No. 08-221-2-2

Mark to Market Position Report

Report Date: 12/28/2007 8:51
 Grouped By: Group(1): CounterParty
 Group(2): Deal Type

Filtered By: Deal Types: TEC-TE-DV-NQL Hedge, TEC-TE-DV-NYMEX Futures, TEC-TE-DV-NYMEX Options, TEC-TE-DV-OTC Options, TEC-TE-DV-OTC Swaps

Company	Counter Pty	Deal #	Deal Type	Trade Date	Del Start	Del End	MW Equiv.	Volume	Price	Mkt Price	M2M Trader
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:											

$D = a \times (b - c)$

V = Selected for testing.

u = Reconciled to Expense Report end GL. 45-8

09/17
Aug 9/22

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
MARK TO MARKET REPORT-FEBRUARY 2008

DOCKET No. 080001 - E1

AUDIT CONTROL No. 08-221-2-2

Mark to Market Position Report

Report Date: 1/30/2008 9:07
Grouped By: Group(1): CounterParty
Group(2): Deal Type

Filtered By: Deal Types: TEC-TE-DV-NOL Hedge, TEC-TE-DV-NYMEX Futures, TEC-TE-DV-NYMEX Options, TEC-TE-DV-OTC Options, TEC-TE-DV-OTC Swaps

Company	Counter	Ply	Deal #	Deal Type	Trade Date	Del Start	Del End	Buy/Sell	Commodity	Volume	Unit	Price	Mkt Price	M2M P/L Trader	Portfolio
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															
Subtotal:															

(d) = (c) - (b) x (a)

✓ = Selected for testing.

u = Reconciled to expense Report a GL 45-8/1

39															
40															
41															
42															
43	SOURCE: PBC													W/11	62-2/1

09/17
K/160
DUP 9/22

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
MARK TO MARKET REPORT-MARCH 2008

DOCKET No. 080001 - E1

AUDIT CONTROL No. 08-221-2-2

Mark to Market Position Report

Report Date: 2/28/2008 13:52
Grouped By: Group(1): CounterParty
Group(2): Deal Type

Filtered By:

Deal Types: TEC;TE-DV;QTC Swaps

Grouping

Company

Counter Pty Deal # DealType Trade Date Del Start Del End Buy/Sell Commodity

Volume Price Mkt Price

(a) (b) (c) (d)

W/M F/T Order Parties

Point

[REDACTED]

Subtotal:
Subtotal:
Subtotal:

[REDACTED]

[REDACTED]

[REDACTED]

$$(A) = (C) - (B) \times (D)$$

✓ = Selected for hedging.
u = Reconciled to Expense Report & GL 4-5-8/2

SOURCE: PBC

W/P 62-2/2

08/09/08
3/31/08

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
MARK TO MARKET REPORT-APRIL 2008
DOCKET No. 080001 - E/ AUDIT CONTROL No. 08-221-2-2

Mark to Market Position Report

Report Date: 3/31/2008 11:41
Grouped By: Group(1): CounterParty
Group(2): Deal Type

Filtered By: Deal Types: TEC-TE-DV-NQL Hedge, TEC-TE-DV-NYMEX Futures, TEC-TE-DV-NYMEX Options, TEC-TE-DV-OTC Options, TEC-TE-DV-OTC Swaps

Grouping	Company	Counter	Pty	Deal #	DealTyp	Trade Date	Del Start	Del End	Buy/Sell	Commodity	(a) Volume Unit	(b) Price	(c) Mkt Price	(d) M2M	F1 Trader	Portfolio	Basis Point
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Subtotal:	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

(d) = (c) - (b) x (a)
V = Selected for testing.
u = Reconciled to expense Report and G/L 45-8/3

WP 62-212

2/16
2/17
2/18

TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
MARK-TO-MARKET REPORT-MAY-2008
AUDIT CONTROL No. 08-221-2-2

DOCKET No. 080001 - 61

Mark to Market Position Report

Report Date: 4/29/2008 8:30
Grouped By: Group(1): CounterParty
Group(2): Deal Type

Filtered By: Deal Types: TEC-TE-OV-NQL Hedge, TEC-TE-OV-NYMEX Futures, TEC-TE-OV-NYMEX Options, TEC-TE-OV-OTC Options, TEC-TE-OV-OTC Swaps

Grouping	Company	Counter Pty	Deal #	DealType	Trade Date	Del Start	Del End	Buy/Sell	(a) Volume	(b) Price	(c) Mkt Price	(d) WGM Fill Trader	Portfolio	Basis Point
Subtotal:														
Subtotal:														
Subtotal:														
Subtotal:														
Subtotal:														
Subtotal:														
Subtotal:														
Subtotal:														
Subtotal:														
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Subtotal:														

(d) = (a) x (c) - (b)
 ✓ = selected for testing.
 u = Reconciled to expense Report and GL 45-8/4

WIP 62-2/4

SOURCE: PBC

COMPANY: TAMPA ELECTRIC COMPANY

FILENAME: COUNTERPARTIES CREDIT LIMIT

SUBJECT: INDIVIDUAL AUTHORIZED LIMIT

DOCKET: 080001-EI

PERIOD: SEVEN MONTH ENDING JULY, 2008

SHEET: Individual Transaction Limit

AUDITOR: DANIEL ACHEAMPONG

07/09/08 → Aug 9/2008

Grouping	Counter Pty	TEC Representative	Deal #	MW Equiv.	② Volume	Unit	⑤ Price	C Value	④ Mkt Price	⑥ Mkt Value	Individual Transaction Limit	⑦ Within Credit Limit
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

SOURCE: AS REFERENCED

WIP 62-3

* = Sample Selected from Mark to Market Report
 $C = ② \times ⑤$
 $E = ② \times ④$

$$\frac{\text{Test}}{C \leq F}$$

09/17
June 9/20

**TAMPA ELECTRIC COMPANY
FUEL PRICE HEDGING COST
INDIVIDUAL TRANSACTION LIMIT**

DOCKET No. 080001-EI

AUDIT CONTROL No. 08-221-2-2

**TECO Energy
Appendix A - Approved Transactors/Limits List**

Transactor	Portfolio	Commodity	Tenor/Limit	Notional Dollar Limits (per fixed price transaction)	Physical/Financial
Board				Above \$100 Million	Phys. & Financial
Risk Authorization Committee				Above \$50 Million	Phys. & Financial
Executives					
Gordon Gillette	Any company		10 Years	\$50 Million	Phys. & Financial
Chuck Black	TEC		10 Years	\$50 Million	Phys. & Financial
Bill Cantrell	PGS/TGS		10 Years	\$50 Million	Phys. & Financial
Vice President Fuels Management					
Bruce Christmas	TEC	Power	3 Years	\$50 Million	Physical
	TEC	Natural Gas	3 Years	\$50 Million	Physical
	PGS	Natural Gas	3 Years	\$50 Million	Physical
	TEC	Natural Gas	Authorized	to execute approved Hedge Plan	Financial
	PGS	Natural Gas	Authorized	to execute approved Hedge Plan	Financial
	TGS	Natural Gas	3 Years	\$25 Million	Physical
	TEC	All Other Fuels	3 Years	\$50 Million	Physical
	TEC	All Other Fuels	*	\$50 Million	Financial
	TEC	SO2 Credit Sales	1 Year	\$50 Million	Physical
Director, Wholesale Marketing, Fuels					
Joann Wehle	TEC	Power	1 Year	\$25 Million	Physical
	TEC	Natural Gas	1 Year	\$25 Million	Physical
	PGS	Natural Gas	1 Year	\$25 Million	Physical
	TEC	Natural Gas	*	\$25 Million	Financial
	PGS	Natural Gas	*	\$25 Million	Financial
	TEC	All Other Fuels	1 Year	\$25 Million	Physical
	TEC	All Other Fuels	*	\$25 Million	Financial
	TEC	SO2 Credit Sales	1 Year	\$25 Million	Physical
Director, Gas Supply & Origination					
JR McLelland **	TEC	Natural Gas	1 Year	\$25 Million	Physical
	PGS	Natural Gas	1 Year	\$25 Million	Physical
	TEC	Natural Gas	Authorized	to execute approved Hedge Plan	Financial
	PGS	Natural Gas	Authorized	to execute approved Hedge Plan	Financial
	TGS	Natural Gas	1 Year	\$10 Million	Physical
Managers					
Jude Campbell **	TEC	Natural Gas	6 Months	\$10 Million	Physical
	PGS	Natural Gas	6 Months	\$10 Million 61-3	Physical
	TEC	Natural Gas	Authorized	to execute approved Hedge Plan	Financial
	PGS	Natural Gas	Authorized	to execute approved Hedge Plan	Financial 61-3
	TGS	Natural Gas	6 Months	\$3 Million	Physical
Heidi Giustiniani	TEC	Power	6 Months	\$10 Million	Physical
Jose Quintas	TEC	Power	6 Months	\$10 Million	Physical
Karen Bramley	TEC	All Other Fuels	6 Months	\$10 Million	Physical
	TEC	SO2 Credit Sales	6 Months	\$10 Million	Physical
Gas Traders					
Andrew Kennedy	TEC	Natural Gas	1 Week	\$3 Million	Physical
	PGS	Natural Gas	1 Week	\$3 Million	Physical
Laurel McKalvey	TEC	Natural Gas	1 Week	\$3 Million	Physical
	PGS	Natural Gas	1 Week	\$3 Million	Physical
Evette Moreno	TEC	Natural Gas	1 Week	\$3 Million	Physical
	PGS	Natural Gas	1 Week	\$3 Million	Physical
Sandra Ruede	TEC	Natural Gas	1 Week	\$3 Million	Physical
	PGS	Natural Gas	1 Week	\$3 Million	Physical
Power Traders					
Sue Brown	TEC	Power	1 Week	\$1.5 Million	Physical
Phillip Campbell	TEC	Power	1 Week	\$1.5 Million	Physical
Dennis Cleveland	TEC	Power	1 Week	\$1.5 Million	Physical
Herman Nieuwendaal	TEC	Power	1 Week	\$1.5 Million	Physical
JB Roman	TEC	Power	1 Week	\$1.5 Million	Physical
Other					
Sam Sessa	PGS	Natural Gas	1 Week	\$1.5 Million	Physical
Victor Urrutia can approve purchase orders/invoices for Coal purchases and freight for Grupo Tampa up to \$5 million					
Note: All Other Fuels = Coal, Transport, Oil, and Petcoke					
* As authorized by the Risk Authorization Committee					
** Messrs. McLelland and Campbell can execute trades specifically authorized by the RAC for all operating companies including TECO Coal, TECO Transport, and TECO Guatemala.					

SOURCE: PBC

W/P 62-4

COMPANY: TAMPA ELECTRIC COMPANY
 SUBJECT: PROJECTED FILING VS ACTUAL HEDGED WITHIN LIMIT
 PERIOD: SEVEN MONTH ENDING JULY, 2008
 AUDITOR: DANIEL ACHEAMPONG

FILENAME: COUNTERPARTIES CREDIT LIMIT
 DOCKET: 080001-EI
 SHEET: PROJECT VS ACTUAL HEDGED

w/p 62-5

NA 09/22 ~~Aug 9/20~~

MONTH	PROJECTED FROM FILING SCH E3	REVISED FORECASTED BURNS	DIFFERENCE	MIN. LIMIT PERCENTAGE	MAX LIMIT PERCENTAGE	DTS MIN	DTS MAX	DTS HEDGED	WITHIN REVISED LIMIT
JAN	62-6 2,652,851	62-7 3,653,727	876	61-1 [REDACTED]	61-1 [REDACTED]	[REDACTED]	[REDACTED]	62-7 2,670,000	YES
FEB	4,847,080	62-8 4,843,854	-3,226	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	62-8 3,370,000	YES
MAR	4,151,525	62-9 4,151,071	-454	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	62-9 2,700,000	YES
APR	2,980,215	62-10 2,980,215	0	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	62-10 2,100,000	YES
MAY	6,258,529	62-11 6,258,529	0	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	62-11 3,800,000	YES
JUN	6,473,679	62-12 6,473,679	0	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	62-12 3,890,000	YES
JUL	7,572,090	62-13 7,572,090	0	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	62-13 4,910,000	NO

D = (a) x (b)
 E = (a) x (c)

Volumed hedged its within the revised limits.
 July Explanation on Utility filing w/p 45.

SOURCE: AS REFERENCED

W/P 62-5