

1 BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2 PREPARED DIRECT TESTIMONY

3 OF

4 BRIAN S. BUCKLEY

5
6 Q. Please state your name, business address, occupation and
7 employer.

8
9 A. My name is Brian S. Buckley. My mailing address is Post
10 Office Box 111, Tampa, Florida 33601 and my business
11 address is 6944 U.S. Highway 41 North, Apollo Beach,
12 Florida 33572. I am employed by Tampa Electric Company
13 ("Tampa Electric" or "company") in the position of
14 Generation Operations Engineer - Energy Supply in the
15 Financial Services Department.

16
17 Q. Please provide a brief outline of your educational
18 background and business experience.

19
20 A. In 1997, I received a Bachelor of Mechanical Engineering
21 Degree from the Georgia Institute of Technology in
22 Atlanta, Georgia. After graduation, I worked at Siemens
23 and subsequently joined Tampa Electric in 1999.
24 Currently, I am responsible for unit performance analysis
25 and reporting of generation statistics.

DOCUMENT NUMBER-DATE

04059 APR-26

FPSC-RECORDS/REPORTING

1 Q. What is the purpose of your testimony?

2

3 A. My testimony presents Tampa Electric's actual performance
4 results from unit equivalent availability and station
5 heat rate used to determine the Generating Performance
6 Incentive Factor ("GPIF") for the period January 2000
7 through December 2000. I also compare these results to
8 the targets established prior to the beginning of the
9 period.

10

11 Q. Have you prepared any exhibits to support your testimony?

12

13 A. Yes, Exhibit No. _____ (BSB-1), consisting of two
14 documents, was prepared under my direction and
15 supervision. Document No. 1, entitled "Tampa Electric
16 Company, Generating Performance Incentive Factor, January
17 2000 - December 2000, True-up" is consistent with the
18 GPIF Implementation Manual previously approved by the
19 Florida Public Service Commission ("Commission"). In
20 addition, Document No. 2 provides the company's actual
21 unit performance data for the 2000 period.

22

23 Q. Which generating units on Tampa Electric's system are
24 included in the determination of the GPIF?

25

1 A. Six of the company's coal-fired units are included.
2 These are Big Bend Station Units 1, 2, 3, and 4, and
3 Gannon Station Units 5 and 6.
4
5 Q. Have you calculated the results of Tampa Electric Company
6 for its performance under the GPIF during this period?
7
8 A. Yes I have. This is shown in Document 1, page 5 of my
9 exhibit. Based upon 2.217 GPIF points, the result is a
10 reward amount of \$1,095,745 for the period.
11
12 Q. Please proceed with your review of the actual results for
13 the January 2000 through December 2000 period.
14
15 A. On page 4, Document 1, of my exhibit, the actual average
16 common equity for the period is shown on line 14 as
17 \$1,235,512,385. This produces the maximum penalty or
18 reward figure of \$4,943,131 as shown on line 21.
19
20 Q. Will you please explain how you arrived at the actual
21 equivalent availability results for the six units
22 included within the GPIF?
23
24 A. Yes. Operating data on each of the units is filed
25 monthly with the Commission on the Actual Unit

1 Performance Data form. Additionally, outage information
2 is reported to the Commission on a monthly basis. A
3 summary of this data for the twelve months provides the
4 basis for the GPIF.

5
6 Q. Are the equivalent availability results shown in Document
7 1, page 7, column 2, directly applicable to the GPIF
8 table?

9
10 A. Not exactly. Adjustments to equivalent availability may
11 be required as noted in section 4.3.3 of the GPIF Manual.
12 The actual equivalent availability including the required
13 adjustment is shown in Document 1, page 7, of my exhibit.
14 The necessary adjustments as prescribed in the GPIF
15 Manual are further defined by a letter dated October 23,
16 1981, from Mr. J.H. Hoffsis of the Commission's Staff.
17 The adjustments for each unit are as follows:

18
19 Big Bend Unit No. 1

20 On this unit, 504 planned outage hours were originally
21 scheduled for 2000. Actual outage activities required
22 325.9 planned outage hours. Consequently, the actual
23 equivalent availability of 75.8% was adjusted to 74.3% as
24 shown in Document 1, page 8, of my exhibit.

25

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

Big Bend Unit No. 2

On this unit, 432 planned outage hours were originally scheduled for 2000. Actual outage activities required 181.0 planned outage hours. Consequently, the actual equivalent availability of 85.6% was adjusted to 83.2% as shown in Document 1, page 9, of my exhibit.

Big Bend Unit No. 3

On this unit, 504 planned outage hours were originally scheduled for 2000. Actual outage activities required 984.8 planned outage hours. Consequently, the actual equivalent availability of 75.0% was adjusted to 79.6% as shown in Document 1, page 10, of my exhibit.

Big Bend Unit No. 4

On this unit, 168 planned outage hours were originally scheduled for 2000. Actual outage activities required 0 planned outage hours. Consequently, the actual equivalent availability of 87.8% was adjusted to 86.1% as shown in Document 1, page 11, of my exhibit.

Gannon Unit No. 5

On this unit, 336 planned outage hours were originally scheduled for 2000. Actual outage activities required

1 566.3 planned outage hours. Consequently, the actual
2 equivalent availability of 55.6% was adjusted to 57.2% as
3 shown in Document 1, page 12, of my exhibit.

4
5 Gannon Unit No. 6

6 On this unit, 2015 planned outage hours were originally
7 scheduled for 2000. Actual outage activities required
8 784.0 planned outage hours. Consequently, the actual
9 equivalent availability of 33.2% was adjusted to 28.2%,
10 as shown in Document 1, page 13, of my exhibit.

11
12 **Q.** How did you arrive at the applicable equivalent
13 availability points for each unit?

14
15 **A.** The final adjusted equivalent availabilities for each
16 unit are shown in Document 1, page 7, column 4, of my
17 exhibit. This number is entered into the respective
18 Generating Performance Incentive Point ("GPIP") Table for
19 each particular unit in Document 1 on pages 22 through
20 27. Document 1, page 5, of my exhibit summarizes the
21 equivalent availability points to be awarded or
22 penalized.

23
24 **Q.** Will you please explain the heat rate results relative to
25 the GPIF?

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

A. The actual heat rate and adjusted actual heat rate for Big Bend Units 1, 2, 3, and 4, and Gannon Units 5 and 6 are shown in Document 1, page 7, of my exhibit. The adjustment was developed based on the guidelines of section 4.3.16 of the GPIF Manual. This procedure is further defined by a letter dated October 23, 1981, from Mr. J.H. Hoffsis of the Commission Staff. The final adjusted actual heat rates are also shown in Document 1, page 6, of my exhibit. This heat rate number is entered into the respective GPIF table for the particular unit, shown in Document 1, pages 22 through 27. Document 1, page 5, of my exhibit summarizes the weighted heat rate and equivalent availability points to be awarded.

Q. What is the overall GPIF for Tampa Electric during this twelve month period?

A. This is shown in Document 1, page 29, of my exhibit. Essentially, the weighting factors shown in Document 1, page 5, column 3, plus the equivalent availability points and the heat rate points shown in Document 1, page 5, column 4, are substituted within the equation. This resultant value, 2.217, is then entered into the GPIF table in Document 1, page 3. Using linear interpolation,

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

a reward amount of \$1,095,745 is calculated.

Q. Does this conclude your testimony?

A. Yes, it does.

EXHIBIT NO. _____
DOCKET NO. 010001-EI
TAMPA ELECTRIC COMPANY
(BSB-1)

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2000 - DECEMBER 2000
TRUE-UP

EXHIBIT NO. _____
DOCKET NO. 010001-EI
TAMPA ELECTRIC COMPANY
(BSB-1)

GENERATING PERFORMANCE INCENTIVE FACTOR

INDEX

DOCUMENT NO.	TITLE	PAGE
1	GPIF Schedules	1
2	Actual Unit Performance Data	30

EXHIBITS TO THE TESTIMONY OF
BRIAN S. BUCKLEY

DOCKET NO. 010001-EI

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2000 - DECEMBER 2000
TRUE-UP

DOCUMENT NO. 1

GPIF SCHEDULES

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2000 - DECEMBER 2000
TRUE-UP
TABLE OF CONTENTS**

<u>SCHEDULE</u>	<u>PAGE</u>
GPIF REWARD / PENALTY TABLE - ACTUAL	2
GPIF CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS	3
CALCULATIONS OF SYSTEM GPIF POINTS - ACTUAL	4
GPIF TARGET AND RANGE SUMMARY	5
UNIT PERFORMANCE DATA - ACTUAL	6
ADJUSTMENTS TO PERFORMANCE	7 - 12
ADJUSTMENTS TO HEAT RATE	13 - 18
PLANNED OUTAGE SCHEDULE - ACTUAL	19
CRITICAL PATH METHOD DIAGRAMS	20
GENERATING PERFORMANCE INCENTIVE POINTS TABLES	21 - 26
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE	27
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION	28

**TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE FACTOR
 REWARD / PENALTY TABLE - ACTUAL
 JANUARY 2000 - DECEMBER 2000**

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) (\$000)	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+10	15,613.6	4,943.1
+9	14,052.2	4,448.8
+8	12,490.9	3,954.5
+7	10,929.5	3,460.2
+6	9,368.2	2,965.9
+5	7,806.8	2,471.6
+4	6,245.4	1,977.3
+3	4,684.1	1,482.9
+2	3,122.7	988.6
+1	1,561.4	494.3
0	0.0	0.0
-1	(2,381.0)	(494.3)
-2	(4,762.1)	(988.6)
-3	(7,143.1)	(1,482.9)
-4	(9,524.1)	(1,977.3)
-5	(11,905.2)	(2,471.6)
-6	(14,286.2)	(2,965.9)
-7	(16,667.2)	(3,460.2)
-8	(19,048.2)	(3,954.5)
-9	(21,429.3)	(4,448.8)
-10	(23,810.3)	(4,943.1)

**GPI
POINTS
2.217**

**REWARD
DOLLARS
\$1,095,745**

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2000 - DECEMBER 2000**

Line 1	Beginning of period balance of common equity:		\$ 1,202,600,000
	End of month common equity:		
Line 2	Month of January	2000	\$ 1,201,801,000
Line 3	Month of February	2000	\$ 1,213,569,000
Line 4	Month of March	2000	\$ 1,225,452,000
Line 5	Month of April	2000	\$ 1,214,599,000
Line 6	Month of May	2000	\$ 1,226,492,000
Line 7	Month of June	2000	\$ 1,238,501,000
Line 8	Month of July	2000	\$ 1,237,579,000
Line 9	Month of August	2000	\$ 1,249,697,000
Line 10	Month of September	2000	\$ 1,261,933,000
Line 11	Month of October	2000	\$ 1,250,858,000
Line 12	Month of November	2000	\$ 1,263,106,000
Line 13	Month of December	2000	\$ 1,275,474,000
Line 14	(Summation of line 1 through line 13 divided by 13)		\$ 1,235,512,385
Line 15	25 Basis points		0.0025
Line 16	Revenue Expansion Factor		61.37%
Line 17	Maximum Allowed Incentive Dollars (line 14 times line 15 divided by line 16)		\$ 5,032,735
Line 18	Jurisdictional Sales		16,644,004 MWH
Line 19	Total Sales		16,945,711 MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)		98.22%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)		\$ 4,943,131

**TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2000 - DECEMBER 2000**

<u>PLANT / UNIT</u>	<u>12 MONTH ADJ. ACTUAL PERFORMANCE</u>		<u>WEIGHTING FACTOR %</u>	<u>UNIT POINTS</u>	<u>WEIGHTED UNIT POINTS</u>
BIG BEND 1	74.3%	EAF	8.45%	-5.429	-0.459
BIG BEND 2	83.2%	EAF	6.47%	8.125	0.526
BIG BEND 3	79.6%	EAF	8.71%	10.000	0.871
BIG BEND 4	86.1%	EAF	7.71%	6.296	0.485
GANNON 5	57.2%	EAF	2.79%	-10.000	-0.279
GANNON 6	28.2%	EAF	8.49%	-10.000	-0.849
BIG BEND 1	10091	ANOHR	11.53%	0.000	0.000
BIG BEND 2	9811	ANOHR	11.54%	5.973	0.689
BIG BEND 3	9841	ANOHR	10.80%	9.183	0.992
BIG BEND 4	9799	ANOHR	10.66%	4.232	0.451
GANNON 5	10766	ANOHR	5.37%	-3.921	-0.211
GANNON 6	10529	ANOHR	7.47%	0.000	0.000
			100.00%		2.217

GPIF REWARD	\$ 1,095,745
--------------------	---------------------

**TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY**

EQUIVALENT AVAILABILITY (%)

<u>PLANT / UNIT</u>	<u>WEIGHTING FACTOR (%)</u>	<u>EAF TARGET (%)</u>	<u>EAF MAX. (%)</u>	<u>RANGE MIN. (%)</u>	<u>MAX. FUEL SAVINGS (\$000)</u>	<u>MAX. FUEL LOSS (\$000)</u>	<u>EAF ADJUSTED ACTUAL (%)</u>	<u>ACTUAL FUEL SAVINGS/ LOSS (\$000)</u>
BIG BEND 1	8.45%	78.1	81.7	71.1	1,319.2	(2,856.0)	74.3%	(1,550.4)
BIG BEND 2	6.47%	80.6	83.8	74.4	1,010.3	(2,749.8)	83.2%	2,234.2
BIG BEND 3	8.71%	76.3	79.6	67.6	1,359.8	(2,945.8)	79.6%	2,945.8
BIG BEND 4	7.71%	84.4	87.1	78.6	1,203.7	(2,364.4)	86.1%	1,488.7
GANNON 5	2.79%	75.3	79.3	67.1	435.3	(1,098.3)	57.2%	(1,098.3)
GANNON 6	<u>8.49%</u>	72.2	76.9	62.9	<u>1,326.3</u>	<u>(2,837.0)</u>	28.2%	(2,837.0)
GPIF SYSTEM	42.62%				6,654.6	(14,851.3)		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

<u>PLANT / UNIT</u>	<u>WEIGHTING FACTOR (%)</u>	<u>ANOHR (Btu/kwh)</u>	<u>TARGET NOF (%)</u>	<u>ANOHR TARGET RANGE</u>		<u>MAX. FUEL SAVINGS (\$000)</u>	<u>MAX. FUEL LOSS (\$000)</u>	<u>ACTUAL ADJUSTED ANOHR</u>	<u>ACTUAL FUEL SAVINGS/ LOSS (\$000)</u>
				<u>MIN.</u>	<u>MAX.</u>				
BIG BEND 1	11.53%	10,127	87.1	9,740	10,514	1,801.0	(1,801.0)	10,091	0.0
BIG BEND 2	11.54%	10,061	91.0	9,693	10,429	1,802.0	(1,802.0)	9,811	1,076.3
BIG BEND 3	10.80%	10,197	80.6	9,816	10,578	1,686.0	(1,686.0)	9,841	1,548.3
BIG BEND 4	10.66%	9,976	88.7	9,660	10,292	1,665.0	(1,665.0)	9,799	704.7
GANNON 5	5.37%	10,562	66.7	10,158	10,966	839.0	(839.0)	10,766	(329.0)
GANNON 6	<u>7.47%</u>	10,507	68.1	10,141	10,873	<u>1,166.0</u>	<u>(1,166.0)</u>	10,529	0.0
GPIF SYSTEM	57.38%					8,959.0	(8,959.0)		

**TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2000 - DECEMBER 2000**

<u>PLANT / UNIT</u>	<u>ACTUAL EAF (%)</u>	<u>ADJUSTMENTS (1) TO EAF (%)</u>	<u>EAF ADJUSTED ACTUAL (%)</u>
BIG BEND 1	75.8	-1.5	74.3
BIG BEND 2	85.6	-2.4	83.2
BIG BEND 3	75.0	4.6	79.6
BIG BEND 4	87.8	-1.7	86.1
GANNON 5	55.6	1.6	57.2
GANNON 6	33.2	-5.0	28.2

<u>PLANT / UNIT</u>	<u>ACTUAL ANOHR (Btu/kwh)</u>	<u>ADJUSTMENTS (2) TO ANOHR (Btu/kwh)</u>	<u>ANOHR ADJUSTED ACTUAL (Btu/kwh)</u>
BIG BEND 1	10231	-140	10091
BIG BEND 2	9925	-114	9811
BIG BEND 3	9866	-25	9841
BIG BEND 4	9896	-97	9799
GANNON 5	10748	18	10766
GANNON 6	10501	28	10529

(1) Documentation of adjustments to Actual EAF on pages 7 - 12

(2) Documentation of adjustments to Actual ANOHR on pages 13 - 18

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 1
JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 8.45%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8784.0	8784.0	8784.0
EAF	78.1	75.8	74.3
POH	504.0	325.9	504.0
FOH + EFOH	813.0	977.6	957.0
MOH + EMOH	604.0	812.6	795.5
POF	5.7	3.7	5.7
EFOF	9.3	11.1	10.9
EMOF	6.9	9.3	9.1
	-5.429		EQUIVALENT AVAILABILITY POINTS

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8784 - 504}{8784 - 325.9} \times (977.6 + 812.6) = 1752.5$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 5.7 - \frac{1752.5}{8784.0} \times 100 = 74.3$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 2
JANUARY 2000 - DECEMBER 2000

WEIGHTING FACTOR = 6.47%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8784.0	8784.0	8784.0
EAF	80.6	85.6	83.2
POH	432.0	181.0	432.0
FOH + EFOH	810.0	640.8	622.1
MOH + EMOH	460.0	433.2	420.6
POF	4.9	2.1	4.9
EFOF	9.2	7.3	7.1
EMOF	5.2	4.9	4.8
	8.125	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8784 - 432}{8784 - 181} \times (640.8 + 433.2) = 1042.7$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 4.9 - \frac{1042.7}{8784.0} \times 100 = 83.2$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 3
JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 8.71%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8784.0	8784.0	8784.0
EAF	76.3	75.0	79.6
POH	504.0	984.8	504.0
FOH + EFOH	1092.0	880.3	934.6
MOH + EMOH	488.0	332.8	353.3
POF	5.7	11.2	5.7
EFOF	12.4	10.0	10.6
EMOF	5.6	3.8	4.0
	10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8784 - 504}{8784 - 984.8} \times (880.3 + 332.8) = 1287.9$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 5.7 - \frac{1287.9}{8784.0} \times 100 = 79.6$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 4
JANUARY 2000 - DECEMBER 2000

WEIGHTING FACTOR = 7.71%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8784.0	8784.0	8784.0
EAF	84.4	87.8	86.1
POH	168.0	0.0	168.0
FOH + EFOH	593.0	638.4	626.2
MOH + EMOH	612.0	432.6	424.3
POF	1.9	0.0	1.9
EFOF	6.8	7.3	7.1
EMOF	7.0	4.9	4.8
	6.296	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8784 - 168}{8784 - 0} \times (638.4 + 432.6) = 1050.5$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 1.9 - \frac{1050.5}{8784.0} \times 100 = 86.1$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
GANNON UNIT NO. 5
JANUARY 2000 - DECEMBER 2000

WEIGHTING FACTOR = 2.79%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8784.0	8784.0	8784.0
EAF	75.3	55.6	57.2
POH	336.0	566.3	336.0
FOH + EFOH	1404.0	2466.0	2535.1
MOH + EMOH	265.0	868.7	893.0
POF	3.8	6.4	3.8
EFOF	16.0	28.1	28.9
EMOF	3.0	9.9	10.2
	-10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8784 - 336}{8784 - 566.3} \times (2466 + 868.7) = 3428.2$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 3.8 - \frac{3428.2}{8784.0} \times 100 = 57.2$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
GANNON UNIT NO. 6
JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 8.49%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8784.0	8784.0	8784.0
EAF	72.2	33.2	28.2
POH	2015.0	784.0	2015.0
FOH + EFOH	1532.0	4783.0	4047.0
MOH + EMOH	406.0	297.4	251.6
POF	22.9	8.9	22.9
EFOF	17.4	54.5	46.1
EMOF	4.6	3.4	2.9
	-10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8784 - 2015}{8784 - 784} \times (4783 + 297.4) = 4298.7$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 22.9 - \frac{4298.7}{8784.0} \times 100 = 28.2$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 1
JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 11.53%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10127	10231
NET GENERATION (GWH)	2778.6	2452.1
OPERATING BTU (10 ⁹)	28137.576	25087.855
NET OUTPUT FACTOR	87.1	77.8

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-15.0564) + 11438 = ANOHR$

$$77.8 * (-15.0564) + 11438 = 10267$$

$$10231 - 10267 = -36$$

$$10127 + -36 = 10091 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 2
JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 11.54%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10061	9925
NET GENERATION (GWH)	2957.8	2754.2
OPERATING BTU (10 ⁹)	29757.271	27336.719
NET OUTPUT FACTOR	91.0	79.5

5.973 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-9.9261) + 10964 = ANOHR$

$79.5 * (-9.9261) + 10964 = 10175$

$9925 - 10175 = -250$

$10061 + -250 = 9811$ ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 3
JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 10.80%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10197	9866
NET GENERATION (GWH)	2643.6	2479.3
OPERATING BTU (10 ⁹)	26957.712	24459.282
NET OUTPUT FACTOR	80.6	79.9

9.183 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-35.3936) + 13050 = ANOHR$

$79.9 * (-35.3936) + 13050 = 10222$

$9866 - 10222 = -356$

$10197 + -356 = 9841$ ← ADJUSTED ACTUAL
HEAT RATE AT
TARGET NOF

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
 ADJUSTMENTS TO HEAT RATE
 BIG BEND UNIT NO. 4
 JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 10.66%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	9976	9896
NET GENERATION (GWH)	3164.0	3090.1
OPERATING BTU (10 ⁹)	31565.419	30579.650
NET OUTPUT FACTOR	88.7	84.7

4.232 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-24.0193) + 12107 = ANOHR$

$84.7 * (-24.0193) + 12107 = 10073$

$9896 - 10073 = -177$

$9976 + -177 = 9799$ ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

ANOHR = AVERAGE NET OPERATING HEAT RATE
 NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
GANNON UNIT NO. 5
JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 5.37%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10562	10748
NET GENERATION (GWH)	1.8	931.1
OPERATING BTU (10 ⁹)	12381.670	10007.269
NET OUTPUT FACTOR	66.7	68.2

-3.921 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $\text{NOF} * (-12.3085) + 11383 = \text{ANOHR}$

$68.2 * (-12.3085) + 11383 = 10544$

$10748 - 10544 = 204$

$10562 + 204 = 10766$ ← ADJUSTED ACTUAL
HEAT RATE AT
TARGET NOF

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
GANNON UNIT NO. 6
JANUARY 2000 - DECEMBER 2000**

WEIGHTING FACTOR = 7.47%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10507	10501
NET GENERATION (GWH)	6.5	899.6
OPERATING BTU (10 ⁹)	18833.195	9446.813
NET OUTPUT FACTOR	68.1	74.8

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-4.153) + 10790 = ANOHR$

$$74.8 * (-4.153) + 10790 = 10479$$

$$10501 - 10479 = 22$$

$$10507 + 22 = 10529 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

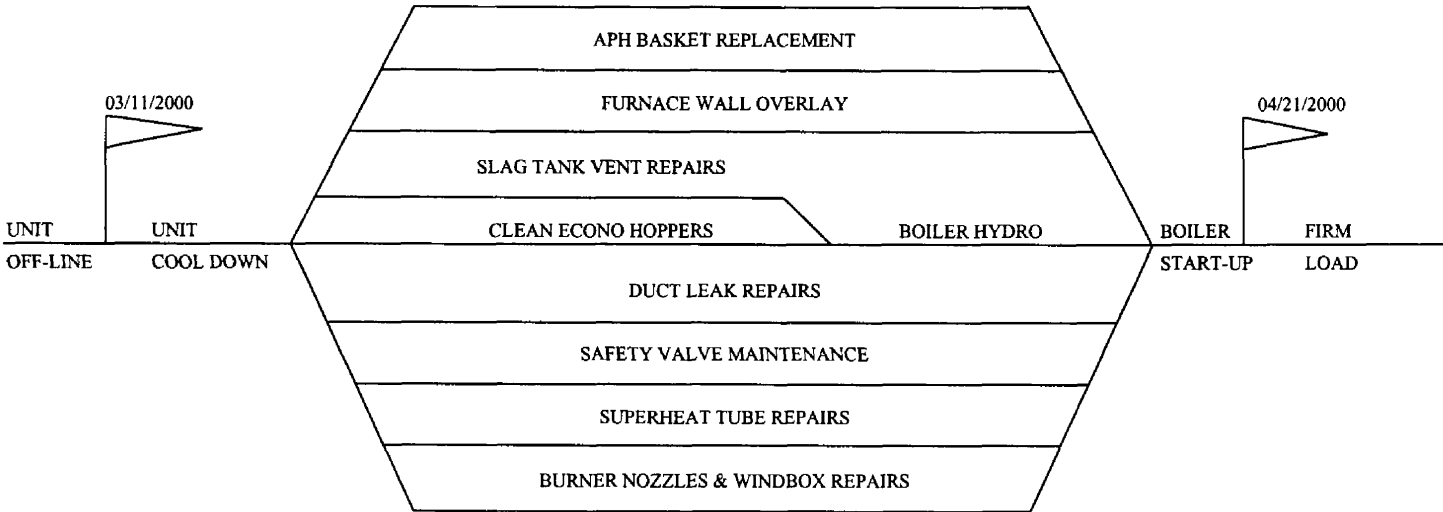
ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
 PLANNED OUTAGE SCHEDULE - ACTUAL
 GPIF UNITS ONLY
 JANUARY 2000 - DECEMBER 2000**

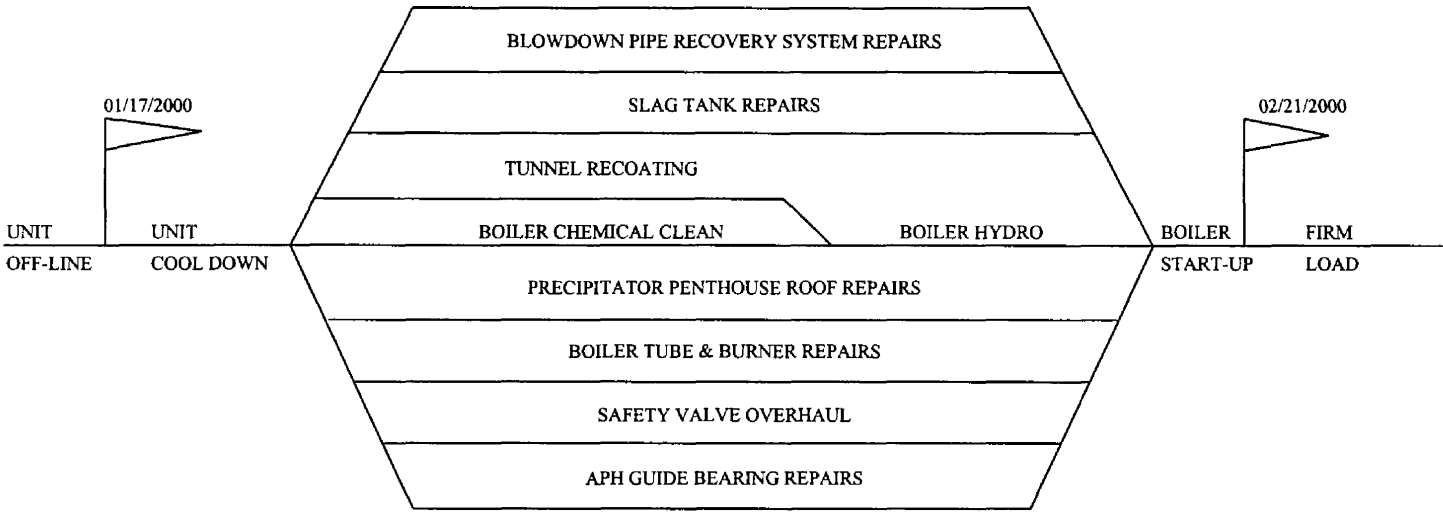
<u>PLANT / UNIT</u>	<u>PLANNED OUTAGE DATES</u>	<u>OUTAGE DESCRIPTION</u>
+ BIG BEND 1	Apr 23 - May 06	Fuel System Clean-up
+ BIG BEND 2	Feb 19 - Feb 26	Fuel System Clean-up
BIG BEND 3	Mar 11 - Apr 21	APH basket replacement, furnace wall overlay, duct leak repairs, clean econo hoppers, safety valve maintenance, SH tube repairs, burner nozzles, windbox, and slag tank vent repairs
+ BIG BEND 4	-	No Outage
+ GANNON 5	Mar 07 - Mar 31	Fuel System Clean-up
GANNON 6	Jan 17 - Feb 21	Chemical clean, tunnel recoating, slag tank repairs, blowdown pipe recovery system repairs, burner repairs, boiler tube repairs, APH guide bearing repairs, safety valve overhaul, and precipitator penthouse roof repairs

+ CPM for units with less than or equal to 4 weeks are not included.

TAMPA ELECTRIC COMPANY
 CRITICAL PATH METHOD DIAGRAMS
 GPIF UNITS > FOUR WEEKS
 JANUARY 2000 - DECEMBER 2000



TAMPA ELECTRIC COMPANY
 BIG BEND UNIT NUMBER 3
 PLANNED OUTAGE 2000
 ACTUAL CPM
 12/31/2000



TAMPA ELECTRIC COMPANY
 GANNON UNIT NUMBER 6
 PLANNED OUTAGE 2000
 ACTUAL CPM
 12/31/2000

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2000 - DECEMBER 2000

BIG BEND 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,319.2	81.7	+10	1,801.0	9,740
+9	1,187.3	81.3	+9	1,620.9	9,771
+8	1,055.4	81.0	+8	1,440.8	9,802
+7	923.4	80.6	+7	1,260.7	9,834
+6	791.5	80.3	+6	1,080.6	9,865
+5	659.6	79.9	+5	900.5	9,896
+4	527.7	79.5	+4	720.4	9,927
+3	395.8	79.2	+3	540.3	9,958
+2	263.8	78.8	+2	360.2	9,990
+1	131.9	78.5	+1	180.1	10,021
0	0.0	78.1	0	0.0	10,052
-1	(285.6)	77.4	-1	(180.1)	10,233
-2	(571.2)	76.7	-2	(360.2)	10,264
-3	(856.8)	76.0	-3	(540.3)	10,296
-4	(1,142.4)	75.3	-4	(720.4)	10,327
-5	(1,428.0)	74.6	-5	(900.5)	10,358
-6	(1,713.6)	73.9	-6	(1,080.6)	10,389
-7	(1,999.2)	73.2	-7	(1,260.7)	10,420
-8	(2,284.8)	72.5	-8	(1,440.8)	10,452
-9	(2,570.4)	71.8	-9	(1,620.9)	10,483
-10	(2,856.0)	71.1	-10	(1,801.0)	10,514

AHR POINTS
0.000

Adjusted ANOHR
10091

EAFF POINTS
-5.429

Adjusted EAFF
74.3

Weighting Factor =

8.45%

Weighting Factor =

11.53%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
JANUARY 2000 - DECEMBER 2000

BIG BEND 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,010.3	83.8	+10	1,802.0	9,693
+9	909.3	83.5	+9	1,621.8	9,722
+8	808.2	83.2	+8	1,441.6	9,752
+7	707.2	82.8	+7	1,261.4	9,781
+6	606.2	82.5	+6	1,081.2	9,810
+5	505.2	82.2	+5	901.0	9,840
+4	404.1	81.9	+4	720.8	9,869
+3	303.1	81.6	+3	540.6	9,898
+2	202.1	81.2	+2	360.4	9,927
+1	101.0	80.9	+1	180.2	9,957
0	0.0	80.6	0	0.0	9,986
-1	(275.0)	80.0	-1	(180.2)	10,061
-2	(550.0)	79.4	-2	(360.4)	10,136
-3	(824.9)	78.7	-3	(540.6)	10,165
-4	(1,099.9)	78.1	-4	(720.8)	10,195
-5	(1,374.9)	77.5	-5	(901.0)	10,224
-6	(1,649.9)	76.9	-6	(1,081.2)	10,253
-7	(1,924.9)	76.3	-7	(1,261.4)	10,283
-8	(2,199.8)	75.6	-8	(1,441.6)	10,312
-9	(2,474.8)	75.0	-9	(1,621.8)	10,341
-10	(2,749.8)	74.4	-10	(1,802.0)	10,370
					10,400
					10,429

Weighting Factor =

6.47%

Weighting Factor =

11.54%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2000 - DECEMBER 2000

BIG BEND 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,359.8	79.6	+10	1,686.0	9,816
+9	1,223.8	79.3	+9	1,517.4	9,847
+8	1,087.8	78.9	+8	1,348.8	9,877
+7	951.9	78.6	+7	1,180.2	9,908
+6	815.9	78.3	+6	1,011.6	9,938
+5	679.9	78.0	+5	843.0	9,969
+4	543.9	77.6	+4	674.4	10,000
+3	407.9	77.3	+3	505.8	10,030
+2	272.0	77.0	+2	337.2	10,061
+1	136.0	76.6	+1	168.6	10,091
0	0.0	76.3	0	0.0	10,122
-1	(294.6)	75.4	-1	(168.6)	10,197
-2	(589.2)	74.6	-2	(337.2)	10,272
-3	(883.7)	73.7	-3	(505.8)	10,303
-4	(1,178.3)	72.8	-4	(674.4)	10,333
-5	(1,472.9)	72.0	-5	(843.0)	10,364
-6	(1,767.5)	71.1	-6	(1,011.6)	10,394
-7	(2,062.1)	70.2	-7	(1,180.2)	10,425
-8	(2,356.6)	69.3	-8	(1,348.8)	10,456
-9	(2,651.2)	68.5	-9	(1,517.4)	10,486
-10	(2,945.8)	67.6	-10	(1,686.0)	10,517

Weighting Factor =

8.71%

Weighting Factor =

10.80%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2000 - DECEMBER 2000

BIG BEND 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,203.7	87.1	+10	1,665.0	9,660
+9	1,083.3	86.8	+9	1,498.5	9,684
+8	963.0	86.6	+8	1,332.0	9,708
+7	842.6	86.3	+7	1,165.5	9,732
+6	722.2	86.0	+6	999.0	9,756
+5	601.9	85.8	+5	832.5	9,781
+4	481.5	85.5	+4	666.0	9,805
+3	361.1	85.2	+3	499.5	9,829
+2	240.7	84.9	+2	333.0	9,853
+1	120.4	84.7	+1	166.5	9,877
0	0.0	84.4	0	0.0	9,901
-1	(236.4)	83.8	-1	(166.5)	9,976
-2	(472.9)	83.2	-2	(333.0)	10,051
-3	(709.3)	82.7	-3	(499.5)	10,075
-4	(945.8)	82.1	-4	(666.0)	10,099
-5	(1,182.2)	81.5	-5	(832.5)	10,123
-6	(1,418.6)	80.9	-6	(999.0)	10,147
-7	(1,655.1)	80.3	-7	(1,165.5)	10,172
-8	(1,891.5)	79.8	-8	(1,332.0)	10,196
-9	(2,128.0)	79.2	-9	(1,498.5)	10,220
-10	(2,364.4)	78.6	-10	(1,665.0)	10,244
					10,268
					10,292

Weighting Factor =

7.71%

Weighting Factor =

10.66%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
JANUARY 2000 - DECEMBER 2000

GANNON 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	435.3	79.3	+10	839.0	10,158
+9	391.8	78.9	+9	755.1	10,191
+8	348.2	78.5	+8	671.2	10,224
+7	304.7	78.1	+7	587.3	10,257
+6	261.2	77.7	+6	503.4	10,290
+5	217.7	77.3	+5	419.5	10,323
+4	174.1	76.9	+4	335.6	10,355
+3	130.6	76.5	+3	251.7	10,388
+2	87.1	76.1	+2	167.8	10,421
+1	43.5	75.7	+1	83.9	10,454
0	0.0	75.3	0	0.0	10,487
-1	(109.8)	74.5	-1	(83.9)	10,562
-2	(219.7)	73.7	-2	(167.8)	10,637
-3	(329.5)	72.8	-3	(251.7)	10,670
-4	(439.3)	72.0	-4	(335.6)	10,703
-5	(549.2)	71.2	-5	(419.5)	10,736
-6	(659.0)	70.4	-6	(503.4)	10,769
-7	(768.8)	69.6	-7	(587.3)	10,802
-8	(878.6)	68.7	-8	(671.2)	10,834
-9	(988.5)	67.9	-9	(755.1)	10,867
-10	(1,098.3)	67.1	-10	(839.0)	10,900

FAHR POINTS
-3.921

Adjusted ANOHR
10766

EAF POINTS
-10.000

Adjusted EAF
57.2

Weighting Factor =

2.79%

Weighting Factor =

5.37%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2000 - DECEMBER 2000

GANNON 6

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,326.3	76.9	+10	1,166.0	10,141
+9	1,193.7	76.4	+9	1,049.4	10,170
+8	1,061.0	76.0	+8	932.8	10,199
+7	928.4	75.5	+7	816.2	10,228
+6	795.8	75.0	+6	699.6	10,257
+5	663.2	74.6	+5	583.0	10,287
+4	530.5	74.1	+4	466.4	10,316
+3	397.9	73.6	+3	349.8	10,345
+2	265.3	73.1	+2	233.2	10,374
+1	132.6	72.7	+1	116.6	10,403
0	0.0	72.2	0	0.0	10,432
-1	(283.7)	71.3	-1	(116.6)	10,507
-2	(567.4)	70.3	-2	(233.2)	10,582
-3	(851.1)	69.4	-3	(349.8)	10,611
-4	(1,134.8)	68.5	-4	(466.4)	10,640
-5	(1,418.5)	67.6	-5	(583.0)	10,669
-6	(1,702.2)	66.6	-6	(699.6)	10,698
-7	(1,985.9)	65.7	-7	(816.2)	10,728
-8	(2,269.6)	64.8	-8	(932.8)	10,757
-9	(2,553.3)	63.8	-9	(1,049.4)	10,786
-10	(2,837.0)	62.9	-10	(1,166.0)	10,815

AHR POINTS
0.000

Adjusted ANOHR
10529

EAFF POINTS
-10.000

Adjusted EAF
28.2

Weighting Factor =

8.49%

Weighting Factor =

7.47%

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	TARGET	NORMALIZED	TARGET PERIOD			ACTUAL PERFORMANC		
	WEIGHTING		WEIGHTING	JAN 00 - DEC 00			JAN 00 - DEC 00	
	FACTOR	FACTOR	POF	EUOF	EUOR	POF	EUOF	EUOR
	(%)							
BIG BEND 1	8.45%	19.8%	5.7	16.1	17.1	3.7	20.4	21.2
BIG BEND 2	6.47%	15.2%	4.9	14.5	15.2	2.1	12.2	12.5
BIG BEND 3	8.71%	20.4%	5.7	18.0	19.1	11.2	13.8	15.6
BIG BEND 4	7.71%	18.1%	1.9	13.7	14.0	0.0	12.2	12.2
GANNON 5	2.79%	6.5%	5.7	19.0	20.2	6.4	38.0	40.6
GANNON 6	8.49%	19.9%	5.7	22.1	23.4	8.9	57.8	63.5
GPIF SYSTEM	42.62%	100.0%	4.9	17.2	18.1	5.5	24.9	26.8
GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%)			77.9			69.5		
			3 PERIOD AVERAGE			3 PERIOD AVERAGE		
			POF	EUOF	EUOR	EAF		
			7.7	17.3	19.0	75.0		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	TARGET	NORMALIZED	TARGET	ADJUSTED
	WEIGHTING		WEIGHTING	ACTUAL
	FACTOR	FACTOR	HEAT RATE	HEAT RATE
	(%)		JAN 00 - DEC 00	JAN 00 - DEC 00
BIG BEND 1	11.53%	20.1%	10,127	10,091
BIG BEND 2	11.54%	20.1%	10,061	9,811
BIG BEND 3	10.80%	18.8%	10,197	9,841
BIG BEND 4	10.66%	18.6%	9,976	9,799
GANNON 5	5.37%	9.4%	10,562	10,766
GANNON 6	7.47%	13.0%	10,507	10,529
GPIF SYSTEM	57.38%	100.0%		
GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh)			10,189	10,054

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2000 - DECEMBER 2000**

Points are calculated according to the formula:

$$GPIP = \sum_{i=1}^n [a_i(EAP_i) + e_i(AHRP_i)]$$

Where:

GPIP = Generating performance incentive points

a_i = Percentage of total system fuel cost reduction attributed to maximum reasonably attainable equivalent availability of unit i during the period

e_i = Percentage of total system fuel cost reduction attributed to minimum reasonably attainable average heat rate of unit i during the period

EAP_i = Equivalent availability points awarded/deducted for unit i

AHRP_i = Average heat rate points awarded/deducted for unit i

Weighting factors and point values are listed on page 4.

<i>GPIP</i> =	8.45%	*	(BB 1 EAP)	+	6.47%	*	(BB 2 EAP)	+	8.71%	*	(BB 3 EAP)
	+ 7.71%	*	(BB 4 EAP)	+	2.79%	*	(GN 5 EAP)	+	8.49%	*	(GN 6 EAP)
	+ 11.53%	*	(BB 1 AHRP)	+	11.54%	*	(BB 2 AHRP)	+	10.80%	*	(BB 3 AHRP)
	+ 10.66%	*	(BB 4 AHRP)	+	5.37%	*	(GN 5 AHRP)	+	7.47%	*	(GN 6 AHRP)

<i>GPIP</i> =	8.45%	*	-5.429	+	6.47%	*	8.125	+	8.71%	*	10.000
	+ 7.71%	*	6.296	+	2.79%	*	-10.000	+	8.49%	*	-10.000
	+ 11.53%	*	0.000	+	11.54%	*	5.973	+	10.80%	*	9.183
	+ 10.66%	*	4.232	+	5.37%	*	-3.921	+	7.47%	*	0.000

<i>GPIP</i> =	-0.459	+	0.526	+	0.871
	+ 0.485	+	-0.279	+	-0.849
	+ 0.000	+	0.689	+	0.992
	+ 0.451	+	-0.211	+	0.000

GPIP = 2.217 POINTS

REWARD/PENALTY dollar amounts of the Generating Performance Incentive Factor (GPIF) are determined directly from the table for the corresponding Generating Performance Points (GPIP) on page 2.

GPIF REWARD = \$1,095,745

EXHIBITS TO THE TESTIMONY OF
BRIAN S. BUCKLEY

DOCKET NO. 010001-EI

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2000 - DECEMBER 2000
TRUE-UP

DOCUMENT NO. 2

ACTUAL UNIT PERFORMANCE DATA

TAMPA ELECTRIC COMPANY
ACTUAL UNIT PERFORMANCE DATA
JANUARY 2000 - DECEMBER 2000
TABLE OF CONTENTS

<u>SCHEDULE</u>	<u>PAGE</u>
BIG BEND 1 - ACTUAL UNIT PERFORMANCE DATA	2
BIG BEND 2 - ACTUAL UNIT PERFORMANCE DATA	3
BIG BEND 3 - ACTUAL UNIT PERFORMANCE DATA	4
BIG BEND 4 - ACTUAL UNIT PERFORMANCE DATA	5
GANNON 1 - ACTUAL UNIT PERFORMANCE DATA	6
GANNON 2 - ACTUAL UNIT PERFORMANCE DATA	7
GANNON 3 - ACTUAL UNIT PERFORMANCE DATA	8
GANNON 4 - ACTUAL UNIT PERFORMANCE DATA	9
GANNON 5 - ACTUAL UNIT PERFORMANCE DATA	10
GANNON 6 - ACTUAL UNIT PERFORMANCE DATA	11
HOOKERS POINT 1 - ACTUAL UNIT PERFORMANCE DATA	12
HOOKERS POINT 2 - ACTUAL UNIT PERFORMANCE DATA	13
HOOKERS POINT 3 - ACTUAL UNIT PERFORMANCE DATA	14
HOOKERS POINT 4 - ACTUAL UNIT PERFORMANCE DATA	15
HOOKERS POINT 5 - ACTUAL UNIT PERFORMANCE DATA	16
PHILLIPS 1 - ACTUAL UNIT PERFORMANCE DATA	17
PHILLIPS 2 - ACTUAL UNIT PERFORMANCE DATA	18
BIG BEND CT1 - ACTUAL UNIT PERFORMANCE DATA	19
BIG BEND CT2 - ACTUAL UNIT PERFORMANCE DATA	20
BIG BEND CT3 - ACTUAL UNIT PERFORMANCE DATA	21
GANNON CT1 - ACTUAL UNIT PERFORMANCE DATA	22
POLK 1 - ACTUAL UNIT PERFORMANCE DATA	23
POLK 2 - ACTUAL UNIT PERFORMANCE DATA	24

ORIGINAL SHEET NO. 9 401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 1	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	88.9	76.3	92.2	62.2	66.5	86.0	70.4	89.9	60.9	64.3	89.3	65.2	75.8
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	689.6	585.5	744.0	531.2	535.2	691.1	555.1	744.0	498.9	565.7	720.0	542.8	7403.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	54.4	110.5	0.0	187.9	208.9	28.9	188.9	0.0	221.2	179.4	0.0	201.2	1381.3
6. POH	0.0	0.0	0.0	187.9	138.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325.9
7. FOH	0.0	3.2	0.0	0.0	20.7	0.0	64.0	0.0	44.0	66.5	0.0	201.2	399.5
8. MOH	54.4	107.3	0.0	0.0	50.1	28.9	124.9	0.0	177.2	112.9	0.0	0.0	655.7
9. PFOH	104.3	384.0	282.5	521.6	399.1	476.8	325.8	433.9	378.3	470.5	574.2	364.4	4715.4
10. LR PF (MW)	64.6	42.5	48.4	52.7	30.7	50.3	36.3	40.4	49.5	78.2	51.2	86.5	52.2
11. PMOH	98.7	38.8	55.8	44.7	23.3	29.5	13.4	64.8	33.1	0.0	17.5	5.2	424.8
12. LR PM (MW)	54.4	178.3	196.0	163.1	194.4	204.1	86.9	211.6	191.9	0.0	194.2	224.3	157.4
13. NSC (MW)	426	426	426	416	416	416	416	416	416	426	426	426	421
14. OPR BTU(GBTU)	2180.0811	1916.3493	2439.7886	1724.4891	1860.8162	2446.0859	1957.0985	2619.8442	1636.6629	1823.0039	2535.7102	1947.9251	25087.8550
15. NET GEN (MWH)	224848	189859	248745	162278	175967	228545	186220	247258	155545	171208	241000	190621	2422094
16. ANOHR (BTU/KWH)	9698	10094	9808	10627	10575	10703	10510	10596	10522	10648	10522	10219	10358
17. NOF (%)	76.5	76.1	78.5	73.4	79.0	79.5	80.6	79.9	75.0	71.0	78.6	82.4	77.7
18. NPC (MW)	426	426	426	416	416	416	416	416	416	426	426	426	421
19. ANOHR EQUATION	ANOHR = NOF(-15 0564)+ 11438												

32

FILED
SUSPENDED.
EFFECTIVE: 01/01/2000
DOCKET NO: 000001-EI
ORDER NO:

ORIGINAL SHEET NO. 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 1	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	88.9	76.3	92.2	62.2	66.5	86.0	70.4	89.9	60.9	64.3	89.3	65.2	75.8
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	689.6	585.5	744.0	531.2	535.2	691.1	555.1	744.0	498.9	565.7	720.0	542.8	7403.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	54.4	110.5	0.0	187.9	208.9	28.9	188.9	0.0	221.2	179.4	0.0	201.2	1381.3
6. POH	0.0	0.0	0.0	187.9	138.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325.9
7. FOH	0.0	3.2	0.0	0.0	20.7	0.0	64.0	0.0	44.0	66.5	0.0	201.2	399.5
8. MOH	54.4	107.3	0.0	0.0	50.1	28.9	124.9	0.0	177.2	112.9	0.0	0.0	655.7
9. PFOH	104.3	384.0	282.5	521.6	399.1	476.8	325.8	433.9	378.3	470.5	574.2	364.4	4715.4
10. LR PF (MW)	64.6	42.5	48.4	52.7	30.7	50.3	36.3	40.4	49.5	78.2	51.2	86.5	52.2
11. PMOH	98.7	38.8	55.8	44.7	23.3	29.5	13.4	64.8	33.1	0.0	17.5	5.2	424.8
12. LR PM (MW)	54.4	178.3	196.0	163.1	194.4	204.1	86.9	211.6	191.9	0.0	194.2	224.3	157.4
13. NSC (MW)	426	426	426	416	416	416	416	416	416	426	426	426	421
14. OPR BTU(GBTU)	2180.0811	1916.3493	2439.7886	1724.4891	1860.8162	2446.0859	1957.0985	2619.8442	1636.6629	1823.0039	2535.7102	1947.9251	25087.8550
15. NET GEN (MWH)	224848	189859	248745	162278	175967	228545	186220	247258	155545	171208	241000	190621	2422094
16. ANOHR (BTU/KWH)	9696	10094	9808	10627	10575	10703	10510	10596	10522	10648	10522	10219	10358
17. NOF (%)	78.5	76.1	78.5	73.4	79.0	79.5	80.6	79.9	75.0	71.0	78.6	82.4	77.7
18. NPC (MW)	426	426	426	416	416	416	416	416	416	426	426	426	421
19. ANOHR EQUATION	ANOHR = NOF(-15.0564)+ 11438												

33

FILED
SUSPENDED.
EFFECTIVE. 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO.:

ORIGINAL SHEET NO. 9.401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 2	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	89.6	69.9	90.0	97.7	89.7	86.7	72.2	87.2	89.8	76.8	82.5	94.9	85.6
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	704.6	515.0	737.8	719.0	744.0	675.2	575.2	717.8	720.0	641.1	642.8	744.0	8136.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	39.4	181.0	6.3	0.0	0.0	44.8	168.8	26.2	0.0	103.9	77.2	0.0	647.6
6. POH	0.0	181.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.0
7. FOH	39.4	0.0	6.3	0.0	0.0	44.8	168.8	26.2	0.0	1.5	0.0	0.0	287.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.4	77.2	0.0	179.6
9. PFOH	160.8	31.3	244.2	117.4	581.2	206.7	212.1	244.7	418.6	233.3	285.6	159.6	2895.5
10. LR PF (MW)	53.5	158.0	82.2	32.9	31.5	54.8	44.3	69.3	44.1	77.2	46.7	46.6	52.1
11. PMOH	48.4	41.1	49.9	19.0	88.9	57.1	37.1	58.0	66.1	63.7	37.3	42.1	608.7
12. LR PM (MW)	158.6	176.6	181.5	156.4	152.4	172.1	171.8	205.3	184.9	178.1	195.6	203.4	177.5
13. NSC (MW)	426	426	426	416	416	416	416	416	416	426	426	426	421
14. OPR BTU(GBTU)	2323.8097	1667.4602	2416.6609	2525.2027	2492.9829	2353.4439	2001.9073	2445.8014	2400.3673	2004.1493	2129.9752	2574.9581	27336.7189
15. NET GEN (MWH)	233094	172032	250853	255056	243138	228193	195086	239238	238322	197267	210104	259270	2721653
16. ANOHR (BTU/KWH)	9969	9693	9634	9901	10253	10313	10262	10223	10072	10160	10138	9932	10044
17. NOF (%)	77.7	78.4	79.8	85.3	78.6	81.2	81.5	80.1	79.6	72.2	76.7	81.8	79.5
18. NPC (MW)	426	426	426	416	416	416	416	416	416	426	426	426	421
19. ANOHR EQUATION	ANOHR = NOF(-9.9261) + 10964												

34

FILED
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO.

ORIGINAL SHEET NO 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 3	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	61.8	87.0	31.2	16.5	80.6	95.0	93.1	89.0	88.0	86.4	81.7	89.5	75.0
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	487.1	644.9	241.2	139.2	615.6	720.0	716.3	726.0	697.7	745.0	631.6	723.3	7087.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	256.9	51.1	502.8	579.8	128.5	0.0	27.7	18.0	22.3	0.0	88.4	20.7	1696.2
6. POH	0.0	0.0	502.8	482.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	984.8
7. FOH	256.9	0.0	0.0	97.8	128.5	0.0	2.9	18.0	22.3	0.0	0.0	20.7	547.1
8. MOH	0.0	51.1	0.0	0.0	0.0	0.0	24.8	0.0	0.0	0.0	88.4	0.0	164.3
9. PFOH	48.9	222.4	4.4	52.3	76.3	234.5	73.6	621.2	375.1	712.9	614.9	497.8	3534.3
10. LR PF (MW)	27.8	57.2	224.2	158.5	24.8	33.9	42.5	25.1	42.8	55.5	25.8	45.3	41.3
11. PMOH	65.2	24.7	12.6	3.8	34.8	53.8	49.5	66.7	217.1	34.1	13.6	12.8	588.7
12. LR PM (MW)	166.1	191.0	231.4	138.9	142.1	140.3	143.1	180.9	53.7	154.6	237.1	236.4	125.4
13. NSC (MW)	443	443	443	433	433	433	433	433	433	443	443	443	438
14. OPR BTU(GBTU)	1640.3695	2275.2669	761.6870	457.6067	2232.0335	2521.3593	2563.8692	2520.9239	2344.0866	2468.0310	2183.0198	2491.0288	24459.2822
15. NET GEN (MWH)	165334	232298	86677	39525	230167	259978	258674	256864	241247	244124	214117	250252	2479257
16. ANOHR BTU/KWH	9922	9795	8788	11578	9697	9698	9912	9814	9717	10110	10195	9954	9866
17. NOF (%)	76.6	81.3	81.1	65.6	86.4	83.4	83.4	81.7	79.9	74.0	76.5	78.1	79.9
18. NPC (MW)	443	443	443	433	433	433	433	433	433	443	443	443	438
19. ANOHR EQUATION	ANOHR = NOF(-35 3936) + 13050												

35

FILED
SUSPENDED
EFFECTIVE 01/01/2000
DOCKET NO : 000001-EI
ORDER NO

ORIGINAL SHEET NO 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 4	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	88.7	96.7	96.2	97.9	96.8	86.7	95.4	84.8	84.0	78.4	72.4	76.3	87.8
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	665.1	696.0	744.0	719.0	744.0	640.2	744.0	650.8	629.8	715.9	633.1	626.3	8208.2
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	78.9	0.0	0.0	0.0	0.0	78.8	0.0	93.3	90.2	29.2	86.9	117.7	575.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	78.9	0.0	0.0	0.0	0.0	0.0	0.0	93.3	90.2	6.7	0.0	0.0	269.1
8. MOH	0.0	0.0	0.0	0.0	0.0	78.8	0.0	0.0	0.0	22.5	86.9	117.7	305.9
9. PFOH	0.0	184.4	57.0	34.6	37.8	30.1	51.9	139.4	65.4	668.7	616.2	426.2	2311.7
10. LR PF (MW)	0.0	37.9	109.9	42.3	110.7	135.4	92.6	46.2	94.2	76.9	75.6	60.4	71.0
11. PMOH	24.3	22.4	46.3	38.2	40.7	21.9	44.3	10.3	20.1	30.7	15.3	2.1	316.6
12. LR PM (MW)	94.8	151.9	134.9	138.8	156.7	156.4	235.3	232.0	250.8	246.5	217.4	253.2	177.9
13. NSC (MW)	447	447	447	442	442	442	442	442	442	447	447	447	445
14. OPR BTU(GBTU)	2606.1744	2540.6213	2802.9004	2731.1818	2788.8426	2452.1074	2876.8898	2453.1823	2397.8371	2379.4629	2198.3137	2352.1362	30579.6499
15. NET GEN (MWH)	264969	263444	286271	281073	283614	247524	290666	247101	241405	235197	214494	234332	3090089
16. ANOHR BTU/KWH	9836	9644	9791	9717	9833	9907	9898	9928	9933	10117	10249	10038	9896
17. NOF (%)	89.1	84.7	86.1	88.4	86.2	87.5	88.4	85.9	86.7	73.5	75.8	83.7	84.7
18. NPC (MW)	447	447	447	442	442	442	442	442	442	447	447	447	445
19. ANOHR EQUATION	ANOHR = NOF(-24.0193) + 12107												

35

FILED
SUSPENDED.
EFFECTIVE. 01/01/2000
DOCKET NO. 000001-EI
ORDER NO.

ORIGINAL SHEET NO. 9 401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
GANNON 5	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	68.5	67.2	14.3	30.5	80.4	89.2	82.9	65.5	49.5	62.5	39.0	18.1	55.6
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	558.6	561.8	147.1	230.7	639.9	650.7	700.6	565.4	481.8	607.4	406.9	212.9	5763.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	185.4	134.2	596.9	488.4	104.1	69.3	43.4	178.6	238.2	137.6	313.1	531.1	3020.3
6. POH	0.0	0.0	566.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	566.3
7. FOH	185.4	134.2	19.8	207.4	82.6	69.3	43.4	178.6	238.2	137.6	1.5	400.0	1698.1
8. MOH	0.0	0.0	10.8	281.0	21.5	0.0	0.0	0.0	0.0	0.0	311.6	131.1	755.9
9. PFOH	205.5	525.0	145.4	25.4	105.3	0.0	201.8	208.5	502.4	632.6	406.9	428.4	3387.2
10. LR PF (MW)	48.6	41.5	67.2	100.7	90.3	0.0	94.5	85.7	23.6	49.7	73.1	43.0	53.7
11. PMOH	14.5	6.3	0.0	0.0	1.0	14.7	2.3	1.8	171.7	30.4	9.2	7.9	259.8
12. LR PM (MW)	123.6	148.8	0.0	0.0	109.5	135.7	138.6	127.2	100.8	93.9	77.7	59.3	102.9
13. NSC (MW)	242	242	242	232	232	232	232	232	232	242	242	242	237
14. OPR BTU(GBTU)	970.9964	911.2384	239.2678	414.5504	1235.4227	1260.8907	1259.1249	1041.7464	777.1975	993.9464	614.4926	288.3951	10007.2693
15. NET GEN (MWH)	86882	82004	23534	40373	116478	120173	115719	97098	70563	93570	56895	27772	931061
16. ANOHR BTU/KWH	11176	11112	10167	10268	10606	10492	10881	10729	11014	10622	10800	10384	10748
17. NOF (%)	64.3	60.3	66.1	75.4	78.5	79.6	71.2	74.0	63.1	63.7	57.8	53.9	68.2
18. NPC (MW)	242	242	242	232	232	232	232	232	232	242	242	242	237
19. ANOHR EQUATION	ANOHR = NOF(-12.3085) + 11383												

37

FILED:
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO. 000001-EI
ORDER NO.:

ORIGINAL SHEET NO. 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
GANNON 6	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	19.4	27.3	62.1	63.1	60.7	74.8	54.8	0.0	0.0	0.0	0.0	36.6	33.2
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	154.9	206.7	512.0	551.7	470.0	554.0	430.8	0.0	0.0	0.0	0.0	268.4	3148.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.8	72.8
5. UH	589.1	489.3	232.0	167.3	274.0	167.1	313.2	744.0	720.0	745.0	720.0	402.9	5563.9
6. POH	294.7	489.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	784.0
7. FOH	287.2	0.0	232.0	111.8	247.6	14.4	313.2	744.0	720.0	745.0	720.0	373.8	4509.0
8. MOH	7.2	0.0	0.0	55.5	26.4	152.7	0.0	0.0	0.0	0.0	0.0	29.1	270.9
9. PFOH	75.5	124.5	118.8	435.6	69.7	12.1	139.8	0.0	0.0	0.0	0.0	275.5	1251.5
10. LR PF (MW)	54.9	50.4	150.7	77.2	98.1	111.5	57.9	0.0	0.0	0.0	0.0	95.9	83.6
11. PMOH	0.0	1.8	7.6	34.7	0.0	22.0	4.0	0.0	0.0	0.0	0.0	5.0	75.1
12. LR PM (MW)	0.0	212.6	208.6	85.4	0.0	183.8	147.8	0.0	0.0	0.0	0.0	113.4	134.9
13. NSC (MW)	392	392	392	372	372	372	372	372	372	392	392	392	382
14. OPR BTU(GBTU)	445.2855	622.9596	1639.7486	1630.0975	1400.6812	1747.4723	1345.4527	0.0000	0.0000	0.0000	0.0000	615.1153	9446.8126
15. NET GEN (MWH)	41389	58684	151683	152524	136059	171091	124711	0	0	0	0	63447	899588
16. ANOHR BTU/KWH	10759	10615	10810	10687	10295	10214	10789	#N/A	#N/A	#N/A	#N/A	9695	10501
17. NOF (%)	68.2	72.4	75.6	74.3	77.8	83.0	77.8	0.0	0.0	0.0	0.0	60.3	74.8
18. NPC (MW)	392	392	392	372	372	372	372	372	372	392	392	392	382
19. ANOHR EQUATION	ANOHR = NOF(-4.1530) + 10790												

38

FILED.
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO.. 000001-EI
ORDER NO :

ORIGINAL SHEET NO. 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
GANNON 1	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	23.2	87.2	98.4	89.6	90.3	82.6	83.4	71.9	88.1	81.8	56.9	94.2	78.9
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	172.8	614.9	739.7	647.8	711.1	622.3	663.3	593.0	683.0	646.7	427.5	744.0	7266.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	571.3	81.1	4.3	71.2	32.9	99.3	80.8	151.1	37.0	98.3	292.5	0.0	1519.8
6. POH	495.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	495.8
7. FOH	75.5	28.6	4.3	71.2	9.6	57.0	80.8	123.0	37.0	98.3	292.5	0.0	877.8
8. MOH	0.0	52.5	0.0	0.0	23.3	42.3	0.0	28.1	0.0	0.0	0.0	0.0	146.2
9. PFOH	0.0	11.0	21.6	1.4	93.0	0.0	51.9	67.5	38.4	38.1	1.7	125.7	450.3
10. LR PF (MW)	0.0	23.8	36.6	75.8	31.8	0.0	41.5	59.1	43.2	42.9	42.7	26.5	37.7
11. PMOH	0.0	8.1	1.5	3.6	20.2	39.4	39.0	35.5	53.3	33.8	25.6	22.0	282.0
12. LR PM (MW)	0.0	76.0	76.0	76.1	76.0	76.0	70.6	74.5	73.6	78.0	76.0	73.3	74.6
13. NSC (MW)	114	114	114	114	114	114	114	114	114	114	114	114	114
14. OPR BTU(GBTU)	146 3312	489.7719	638.2157	584 3060	598.8848	507 0077	561.6885	556.2906	668.6742	534.9153	363 2711	656 9571	6306 3140
15. NET GEN (MWH)	13010	41808	57342	50688	52081	45592	47787	45551	57176	47627	30571	55293	544526
16. ANOHR BTU/KWH	11248	11715	11130	11528	11499	11121	11754	12212	11695	11231	11883	11881	11581
17. NOF (%)	66.1	59.6	68.0	68.6	64.2	64.3	63.2	67.4	73.4	64.6	62.7	65.2	65.7
18. NPC (MW)	114	114	114	114	114	114	114	114	114	114	114	114	114

39

FILED
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO: 000001-EI
ORDER NO.:

ORIGINAL SHEET NO. 9.401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
GANNON 2	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	96.8	87.9	88.6	72.2	12.5	65.8	88.7	74.6	75.9	47.7	61.9	78.5	70.8
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	616.4	607.1	661.8	520.9	94.2	465.8	671.1	593.1	573.7	358.3	446.2	586.2	6194.8
4. RSH	105.8	5.7	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	119.2
5. UH	21.8	83.3	82.3	198.1	649.9	246.5	73.0	150.9	146.4	386.7	273.8	157.8	2470.5
6. POH	0.0	0.0	0.0	138.0	645.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	783.1
7. FOH	21.8	39.0	82.3	60.1	4.2	246.5	73.0	150.9	111.7	386.7	265.5	157.8	1599.5
8. MOH	0.0	44.3	0.0	0.0	0.6	0.0	0.0	0.0	34.7	0.0	8.3	0.0	87.9
9. PFOH	7.7	0.0	0.0	0.0	0.0	0.0	15.0	47.4	30.6	0.0	0.0	1.4	102.1
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	35.9	38.2	22.5	0.0	0.0	42.0	30.3
11. PMOH	4.6	6.7	5.1	2.8	1.8	0.0	9.3	35.2	35.1	6.8	0.6	3.8	111.8
12. LR PM (MW)	42.1	11.5	42.1	55.4	55.4	0.0	55.4	55.4	55.4	42.1	41.9	42.1	50.3
13. NSC (MW)	88	88	88	98	98	98	98	98	98	88	88	88	93
14. OPR BTU(GBTU)	567.4524	477.3150	584.2579	376.3913	107.6430	443.3933	590.7588	547.3109	548.7654	324.5084	375.5554	519.6307	5462.9825
15. NET GEN (MWH)	44531	38359	46423	34799	6464	35122	48190	43751	44720	27166	32418	44785	446728
16. ANOHR BTU/KWH	12743	12443	12586	10816	16653	12624	12259	12510	12271	11945	11585	11603	12229
17. NOF (%)	82.1	71.8	79.7	68.2	70.0	76.9	73.3	75.3	79.5	86.2	82.6	86.8	77.5
18. NPC (MW)	88	88	88	98	98	98	98	98	98	88	88	88	93

40

FILED:
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO: 000001-EI
ORDER NO:

ORIGINAL SHEET NO. 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
GANNON 3	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	88.3	62.2	49.4	95.0	85.2	93.6	88.0	83.7	93.2	76.4	86.1	38.4	78.2
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	623.2	393.9	393.9	687.9	642.5	694.3	684.1	656.1	715.1	622.5	713.3	408.6	7235.4
4. RSH	79.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.0
5. UH	41.8	252.1	350.1	31.1	101.6	25.8	59.9	88.0	4.9	122.5	6.7	335.4	1419.9
6. POH	0.0	240.0	267.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	507.1
7. FOH	32.4	12.1	0.0	31.1	48.0	0.6	59.9	20.9	4.9	93.4	6.7	23.5	333.5
8. MOH	9.4	0.0	83.0	0.0	53.6	25.2	0.0	67.1	0.0	29.1	0.0	311.9	579.3
9. PFOH	122.5	0.0	110.8	2.8	3.0	13.5	31.5	38.0	71.6	136.9	111.9	408.6	1051.1
10. LR PF (MW)	51.7	0.0	28.1	21.9	83.5	36.6	58.6	39.3	30.0	23.2	52.2	42.3	40.0
11. PMOH	6.8	17.1	11.5	8.3	12.2	28.3	28.5	39.4	52.6	52.8	89.3	31.0	377.8
12. LR PM (MW)	98.6	98.6	84.5	83.5	83.5	84.6	84.2	83.5	81.3	96.5	96.1	56.4	86.9
13. NSC (MW)	155	155	155	145	145	145	145	145	145	155	155	155	150
14. OPR BTU(GBTU)	814.9696	454.8421	539.2023	901.8939	819.1803	844.7192	942.2734	930.0114	998.1790	773.7104	884.2346	453.3634	9356.5797
15. NET GEN (MWH)	65051	38219	43496	75902	69955	72222	75382	77360	82938	64197	71519	37262	773503
16. ANOHR BTU/KWH	12528	11901	12397	11882	11710	11696	12500	12022	12035	12052	12364	12167	12096
17. NOF (%)	67.3	62.6	71.2	76.1	75.1	71.7	76.0	81.3	80.0	66.5	64.7	58.8	71.3
18. NPC (MW)	155	155	155	145	145	145	145	145	145	155	155	155	150

FILED
SUSPENDED:
EFFECTIVE: 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO:

11

ORIGINAL SHEET NO. 9 401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
GANNON 4	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	77.9	72.8	95.1	2.0	95.8	92.7	94.6	88.8	73.6	80.3	9.6	66.2	71.0
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	685.9	527.6	720.5	19.2	731.4	691.5	715.2	687.7	559.3	710.9	71.3	478.8	6599.3
4. RSH	39.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	73.3
5. UH	19.0	159.1	23.5	699.8	12.7	32.8	28.8	56.3	160.7	34.1	648.7	240.5	2116.0
6. POH	0.0	0.0	0.0	696.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	696.9
7. FOH	19.0	134.6	23.5	2.9	9.8	0.0	28.8	28.1	36.5	34.1	0.0	89.5	406.8
8. MOH	0.0	24.5	0.0	0.0	2.9	32.8	0.0	28.2	124.2	0.0	648.7	151.0	1012.3
9. PFOH	609.0	503.0	32.0	18.7	220.2	50.9	9.8	38.6	62.3	285.7	16.8	9.3	1856.3
10. LR PF (MW)	39.8	5.2	7.9	39.4	8.5	47.7	12.8	6.0	55.3	57.0	25.4	79.1	28.8
11. PMOH	3.7	24.6	18.5	0.0	12.1	8.0	19.5	47.0	13.5	28.7	0.0	11.6	187.2
12. LR PM (MW)	101.3	101.4	101.4	0.0	87.0	87.5	88.8	87.5	87.5	94.7	0.0	101.4	93.0
13. NSC (MW)	169	169	169	159	159	159	159	159	159	169	169	169	164
14. OPR BTU(GBTU)	800.3277	647.4914	969.3210	52.5776	1048.1424	934.3066	1053.4690	1063.5566	827.7811	894.3015	96.3897	687.2810	9074.9457
15. NET GEN (MWH)	64562	54453	83994	1862	91819	78857	87113	86380	69608	73981	7638	59548	759815
16. ANOHR BTU/KWH	12396	11891	11540	28237	11415	11848	12093	12313	11892	12088	12620	11542	11944
17. NOF (%)	55.7	61.1	69.0	60.9	79.0	71.7	76.6	79.0	78.3	61.6	63.4	73.6	70.2
18. NPC (MW)	169	169	169	159	159	159	159	159	159	169	169	169	164

FILED
SUSPENDED:
EFFECTIVE 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO.:

ORIGINAL SHEET NO. 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
HOOKERS PT 1	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	93.5	100.0	100.0	100.0	100.0	100.0	100.0	97.2	65.5	99.0	100.0	100.0	96.3
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	25.5	12.8	0.0	127.4	329.0	286.6	267.1	245.4	62.4	55.0	4.1	7.7	1423.0
4. RSH	670.5	683.2	744.0	591.6	414.7	432.5	476.9	483.4	409.5	682.8	715.9	736.3	7041.3
5. UH	48.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	248.1	7.2	0.0	0.0	318.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	7.2
8. MOH	48.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	248.1	0.0	0.0	0.0	311.4
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	11.2
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	14.5
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	32	32	32	30	30	30	30	30	30	32	32	32	31
14. OPR BTU(GBTU)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15. NET GEN (MWH)	303	67	0	2515	6271	5205	4532	2729	829	622	-1	-23	23049
16. ANOHR BTU/KWH	0	0	0	0	0	0	0	0	0	0	0	0	0
17. NOF (%)	37.1	16.2	0.0	65.8	63.5	60.5	56.6	37.1	44.3	35.3	-0.4	-9.5	52.2
18. NPC (MW)	32	32	32	30	30	30	30	30	30	32	32	32	31

13

FILED:
SUSPENDED.
EFFECTIVE 01/01/2000
DOCKET NO.. 000001-EI
ORDER NO :

TAMPA ELECTRIC COMPANY
PAGE 13 OF 29

ORIGINAL SHEET NO. 9 401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
HOOKERS PT 2	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	91.3	0.0	1.3	100.0	91.9	92.1	100.0	96.1	96.2	94.8	100.0	100.0	80.6
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	28.1	0.0	0.0	138.8	292.7	255.2	301.3	256.9	281.9	60.1	4.0	1.9	1620.9
4. RSH	651.0	0.0	9.5	580.3	402.2	408.8	442.7	458.1	425.6	677.7	716.0	742.1	5514.0
5. UH	65.0	696.0	734.5	0.0	49.2	54.8	0.0	29.0	12.5	7.2	0.0	0.0	1648.2
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	0.0	0.0	0.0	29.8	0.0	0.0	12.5	7.2	0.0	0.0	49.5
8. MOH	65.0	696.0	734.5	0.0	49.2	25.0	0.0	29.0	0.0	0.0	0.0	0.0	1598.7
9. PFOH	0.0	0.0	0.0	0.0	21.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	16.2	13.7	0.0	0.0	0.0	0.0	0.0	0.0	15.8
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.8	60.1	0.0	0.0	94.9
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	16.7	0.0	0.0	15.3
13. NSC (MW)	32	32	32	30	30	30	30	30	30	32	32	32	31
14. OPR BTU(GBTU)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15. NET GEN (MWH)	330	0	0	2606	5512	4212	5386	3939	4675	726	-1	-5	27380
16. ANOHR BTU/KWH	0	0	0	0	0	0	0	0	0	0	0	0	0
17. NOF (%)	36.7	0.0	0.0	62.6	62.8	55.0	59.6	51.1	55.3	37.7	-0.5	-7.5	54.5
18. NPC (MW)	32	32	32	30	30	30	30	30	30	32	32	32	31

FILED:
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO:

ORIGINAL SHEET NO. 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
HOOKERS PT 3	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	93.5	100.0	73.2	96.5	81.0	95.9	10.6	100.0	92.3	94.4	100.0	46.1	81.7
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	33.7	17.9	0.0	136.5	263.0	302.4	22.1	320.9	333.6	62.6	4.0	0.0	1496.7
4. RSH	662.2	678.1	544.5	557.2	342.4	386.9	56.4	423.1	373.9	675.1	716.0	343.0	5758.8
5. UH	48.0	0.0	199.5	25.4	138.7	29.8	665.5	0.0	12.5	7.3	0.0	401.0	1527.7
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	401.0	401.0
7. FOH	0.0	0.0	0.0	0.4	10.7	0.0	0.0	0.0	12.5	7.3	0.0	0.0	30.9
8. MOH	48.0	0.0	199.5	25.0	128.0	29.8	665.5	0.0	0.0	0.0	0.0	0.0	1095.8
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PMOH	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	72.9	62.6	0.0	0.0	140.4
12. LR PM (MW)	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	17.8	17.5	0.0	0.0	17.7
13. NSC (MW)	32	32	32	30	30	30	30	30	30	32	32	32	31
14. OPR BTU(GBTU)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15. NET GEN (MWH)	350	120	0	2608	5311	5788	374	5383	4339	692	0	0	24965
16. ANOHR BTU/KWH	0	0	0	0	0	0	0	0	0	0	0	0	0
17. NOF (%)	32.5	20.9	0.0	63.7	67.3	63.8	56.5	55.9	43.4	34.5	0.0	0.0	53.8
18. NPC (MW)	32	32	32	30	30	30	30	30	30	32	32	32	31

15

FILED.
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO.. 000001-EI
ORDER NO.

ORIGINAL SHEET NO. 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
HOOKERS PT 4	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	24.9	100.0	100.0	100.0	11.5	65.6	100.0	98.7	73.0	0.0	0.0	99.9	64.3
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	27.7	26.3	0.0	168.9	34.9	202.2	317.7	349.5	265.5	0.0	0.0	18.8	1411.5
4. RSH	157.3	669.7	744.0	549.9	51.1	272.3	426.3	384.6	364.4	0.0	0.0	724.7	4344.3
5. UH	559.0	0.0	0.0	0.3	658.1	247.5	0.0	9.9	90.2	745.0	720.0	0.5	3030.5
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	0.0	0.3	3.8	0.0	0.0	1.9	16.6	0.0	0.0	0.5	23.1
8. MOH	559.0	0.0	0.0	0.0	654.3	247.5	0.0	8.0	73.6	745.0	720.0	0.0	3007.4
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	143.3	0.0	0.0	0.0	143.4
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	26.6	0.0	0.0	28.3	0.0	0.0	0.0	28.3
13. NSC (MW)	41	41	41	39	39	39	39	39	39	41	41	41	40
14. OPR BTU/(GBTU)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15. NET GEN (MWH)	387	212	0	3993	690	4246	6903	6980	4982	0	0	-108	28285
16. ANOHR BTU/KWH	0	0	0	0	0	0	0	0	0	0	0	0	0
17. NOF (%)	34.0	19.7	0.0	60.6	50.7	53.9	55.7	51.2	48.1	0.0	0.0	0.0	50.1
18. NPC (MW)	41	41	41	39	39	39	39	39	39	41	41	41	40

16

FILED.
SUSPENDED:
EFFECTIVE: 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO.:

ORIGINAL SHEET NO 9 401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
HOOKERS PT 5	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	97.4	45.8	1.3	56.3	51.5	88.9	64.8	53.9	85.0	87.2	0.0	0.0	52.4
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	9.9	20.5	0.0	79.9	139.8	256.4	173.3	177.9	254.6	13.6	0.0	0.0	1125.9
4. RSH	714.5	298.5	9.5	340.5	273.6	362.1	319.6	269.8	414.7	640.0	0.0	0.0	3642.8
5. UH	19.6	377.0	734.5	298.7	330.7	24.7	251.1	296.4	50.7	91.4	720.0	744.0	3938.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	19.6	0.0	0.0	1.7	1.1	2.7	1.1	18.9	13.2	0.0	0.0	0.0	58.3
8. MOH	0.0	377.0	734.5	297.0	329.6	22.0	250.0	277.5	37.5	91.4	720.0	744.0	3880.5
9. PFOH	9.8	0.0	0.0	71.9	139.1	248.0	49.9	176.6	0.0	0.0	0.0	0.0	695.3
10. LR PF (MW)	0.0	0.0	0.0	14.4	14.4	14.4	14.4	17.6	0.0	0.0	0.0	0.0	15.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	242.3	21.5	0.0	0.0	272.2
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	15.8	8.9	0.0	0.0	15.2
13. NSC (MW)	52	52	52	67	67	67	67	67	67	52	52	52	60
14. OPR BTU(GBTU)	33.4768	23 1501	0.0000	240 5451	372 9705	478 9363	400 4892	426.8140	408 6005	57 6484	10 3358	9.0335	2462.0002
15. NET GEN (MWH)	34	255	0	3112	5295	10392	6326	6306	10230	367	0	0	42317
16. ANOHR BTU/KWH	23844	35398	#N/A	16216	16161	16049	17027	16845	16308	23950	#N/A	#N/A	16863
17. NOF (%)	6.7	24.0	0.0	58.2	56.6	60.5	54.5	52.9	60.0	51.8	0.0	0.0	63.2
18. NPC (MW)	52	52	52	67	67	67	67	67	67	52	52	52	60

17

FILED
SUSPENDED.
EFFECTIVE: 01/01/2000
DOCKET NO: 000001-EI
ORDER NO

ORIGINAL SHEET NO 9 401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF JAN 00	MONTH OF FEB 00	MONTH OF MAR 00	MONTH OF APR 00	MONTH OF MAY 00	MONTH OF JUN 00	MONTH OF JUL 00	MONTH OF AUG 00	MONTH OF SEP 00	MONTH OF OCT 00	MONTH OF NOV 00	MONTH OF DEC 00	PERIOD 2000
1. EAF (%)	0 0	0 0	0 0	0 0	99 8	99 6	90 9	99 7	99 9	99 8	100.0	99.4	66 0
2 PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3 SH	0 0	0 0	0 0	0 0	389 5	348 8	317 0	423.4	389 7	292 9	279 0	289 9	2730 2
4 RSH	0 0	0 0	0 0	0 0	353.0	368 5	359.5	318.2	329.9	450 3	441 0	449.4	3069.8
5. UH	744 0	696.0	744 0	719 0	1 5	2 7	67 5	2.5	0 5	1.8	0 0	4 8	2984 3
6 POH	744 0	696 0	744 0	719 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2903 0
7 FOH	0 0	0 0	0 0	0 0	1 5	2 7	4 1	2.5	0.5	1 8	0 0	4 8	17 9
8 MOH	0 0	0 0	0 0	0 0	0 0	0 0	63 4	0 0	0 0	0 0	0 0	0 0	63.4
9. PFOH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
10 LR PF (MW)	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
11. PMOH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
12 LR PM (MW)	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
13 NSC (MW)	17	17	17	17	17	17	17	17	17	17	17	17	17
14. OPR BTU(GBTU)	0 0000	0.0000	0.0000	0 0000	39 2482	48 8730	42.9003	58 6643	55 3250	42 0744	39.9944	39 6542	366 7338
15 NET GEN (MWH)	-92	-85	-87	-21	4132	5027	4400	6082	5647	4182	4005	4014	37204
16. ANOHR BTU/KWH	#N/A	#N/A	#N/A	#N/A	9499	9722	9750	9646	9797	10061	9986	9879	9857
17 NOF (%)	0 0	0 0	0 0	0 0	62.4	84 8	81 6	84 5	85.2	84 0	84 4	81.5	80.2
18. NPC (MW)	17	17	17	17	17	17	17	17	17	17	17	17	17

18

FILED.
SUSPENDED
EFFECTIVE 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO

TAMPA ELECTRIC COMPANY
PAGE 18 OF 29

ORIGINAL SHEET NO 9 401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
PHILLIPS 2	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	0.0	0.0	0.0	1.4	89.2	99.7	91.5	99.8	99.9	100.0	100.0	96.4	65.1
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	0.0	0.0	0.0	10.0	286.1	335.0	320.7	423.3	390.1	295.2	278.4	295.0	2633.8
4. RSH	0.0	0.0	0.0	0.0	377.7	382.9	360.1	318.9	329.4	449.7	441.7	422.5	3082.9
5. UH	744.0	696.0	744.0	709.0	80.2	2.2	63.2	1.8	0.5	0.1	0.0	26.5	3067.5
6. POH	744.0	696.0	744.0	709.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2893.0
7. FOH	0.0	0.0	0.0	0.0	1.4	2.2	0.2	1.8	0.5	0.1	0.0	26.5	32.7
8. MOH	0.0	0.0	0.0	0.0	78.8	0.0	63.0	0.0	0.0	0.0	0.0	0.0	141.8
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	17	17	17	17	17	17	17	17	17	17	17	17	17
14. OPR BTU(GBTU)	0.0000	0.0000	0.0000	0.0000	39.2495	48.8730	42.9003	58.6643	55.3250	42.0744	39.9944	39.6542	366.7351
15. NET GEN (MWH)	-91	-86	-86	-21	4336	5587	5070	6655	6375	4894	4623	4463	41720
16. ANOHR BTU/KWH	#N/A	#N/A	#N/A	0	9052	8748	8462	8815	8678	8597	8651	8885	8790
17. NOF (%)	0.0	0.0	0.0	-12.4	89.1	98.1	93.0	92.5	96.1	97.5	97.7	89.0	93.2
18. NPC (MW)	17	17	17	17	17	17	17	17	17	17	17	17	17

19

FILED
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO

ORIGINAL SHEET NO. 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	PERIOD
BIG BEND CT1	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1 EAF (%)	100 0	100 0	100 0	100 0	100 0	100.0	100 0	100 0	100.0	100 0	98 4	98 8	99 8
2 PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3 SH	14.0	0 0	10 0	0.0	43.0	44 9	84.0	89 3	103 5	16 3	1.7	51 4	458.1
4 RSH	730 0	696 0	734.0	719 0	701 0	676 0	660 0	655.0	616 5	729 0	707 0	684 0	8307 5
5. UH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0.0	0 0	0 0	11.3	9 0	20.3
6. POH	0 0	0 0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
7 FOH	0 0	0 0	0 0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0
8. MOH	0 0	0 0	0 0	0 0	0.0	0 0	0.0	0 0	0 0	0 0	11 3	9 0	20 3
9. PFOH	0.0	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0.0	0 0	0.0	0 0	0 0
10 LR PF (MW)	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
11. PMOH	0 0	0.0	0 0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0
12 LR PM (MW)	0 0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
13. NSC (MW)	17	17	17	12	12	12	12	12	12	17	17	17	15
14 OPR BTU(GBTU)	2 9389	0 0000	2 1999	0.0000	7 6768	8 9111	15 9817	16 5081	20.7751	2 8198	3 1179	10 6485	91 5778
15 NET GEN (MWH)	146	0	125	0	390	505	857	861	1160	137	10	680	4871
16. ANOHR BTU/KWH	20129	#N/A	17599	#N/A	19684	17646	18648	19173	17910	20583	311792	15660	18801
17 NOF (%)	61 3	0.0	73 5	0 0	75 6	93 8	85 0	80 3	93 4	49.5	35 2	77 9	73 3
18. NPC (MW)	17	17	17	12	12	12	12	12	12	17	17	17	15

50

FILED:
SUSPENDED:
EFFECTIVE. 01/01/2000
DOCKET NO. 000001-EI
ORDER NO.

ORIGINAL SHEET NO 9 401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND CT2	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	100.0	100.0	0.0	0.0	10.2	87.6	100.0	100.0	89.9	100.0	98.5	94.9	73.3
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	49.0	4.0	0.0	0.0	76.0	99.7	145.0	181.8	154.8	39.7	67.6	141.5	959.1
4. RSH	695.0	692.0	0.0	0.0	0.0	0.0	599.0	562.0	492.0	705.0	641.0	564.0	4950.0
5. UH	0.0	0.0	744.0	719.0	667.8	89.2	0.0	0.0	72.4	0.0	11.0	38.3	2341.7
6. POH	0.0	0.0	744.0	719.0	661.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2124.1
7. FOH	0.0	0.0	0.0	0.0	6.7	16.0	0.0	0.0	6.7	0.0	0.0	3.8	33.2
8. MOH	0.0	0.0	0.0	0.0	0.0	73.2	0.0	0.0	65.7	0.0	11.0	34.5	184.4
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	80	80	80	66	66	66	66	66	66	80	80	80	73
14. OPR BTU(GBTU)	34.5976	2.7252	0.0000	0.0000	2.2481	72.2984	111.5062	135.8403	122.4216	28.5895	27.3062	105.6229	643.1558
15. NET GEN (MWH)	2046	151	0	0	88	4551	7212	8718	7845	1774	1693	6986	41064
16. ANOHR BTU/KWH	16910	18047	#N/A	#N/A	25546	15886	15461	15582	15605	16116	16129	15119	15662
17. NOF (%)	52.2	47.2	0.0	0.0	1.8	69.2	75.4	72.7	76.8	55.8	31.3	61.7	58.7
18. NPC (MW)	80	80	80	66	66	66	66	66	66	80	80	80	73

51

FILED.
SUSPENDED.
EFFECTIVE. 01/01/2000
DOCKET NO : 000001-EI
ORDER NO :

ORIGINAL SHEET NO 9 401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND CT3	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1 EAF (%)	100 0	100 0	1 1	0.0	6 4	27 0	100.0	99.3	100 0	99 7	97 8	90 4	68 4
2 PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3 SH	58 0	6 0	0.0	0 0	47.0	28 1	160 0	197 9	187.5	41.5	41 2	133 4	900 6
4 RSH	686 0	690 0	8 5	0.0	0 0	0 0	584.0	540 0	531 6	702 0	663 0	539 0	4944 1
5. UH	0 0	0 0	735.5	719.0	696.7	525 6	0 0	5 5	0 0	2.0	15.7	71 6	2771 6
6 POH	0 0	0.0	735 5	719 0	188 9	0 0	0 0	0 0	0.0	0 0	0 0	0 0	1643 4
7 FOH	0.0	0 0	0 0	0 0	507 8	500 2	0 0	0 0	0 0	0 0	13 2	0 0	1021 2
8 MOH	0.0	0 0	0 0	0 0	0 0	25 4	0 0	5.5	0 0	2 0	2 5	71 6	107 0
9. PFOH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
10 LR PF (MW)	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
11. PMOH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
12 LR PM (MW)	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
13 NSC (MW)	80	80	80	66	66	66	66	66	66	80	80	80	73
14 OPR BTU(GBTU)	40 8689	3 4395	0 0000	0 0000	3 2834	19 7819	123 2786	146 9227	145 1259	29 2644	29 6273	100 3137	641.9064
15 NET GEN (MWH)	2724	180	0	0	184	1228	8362	9864	10067	1867	1919	6920	43315
16 ANOHR BTU/KWH	15003	19108	#N/A	#N/A	17845	16109	14743	14895	14416	15675	15439	14496	14819
17. NOF (%)	58 7	37 5	0 0	0 0	5 9	66.1	79 2	75 5	81.4	56 3	58 2	64 9	65 9
18 NPC (MW)	80	80	80	66	66	66	66	66	66	80	80	80	73

52

FILED:
SUSPENDED.
EFFECTIVE: 01/01/2000
DOCKET NO. 000001-EI
ORDER NO

ORIGINAL SHEET NO. 9.401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
GANNON CT1	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1 EAF (%)	100.0	100.0	100.0	100.0	99.6	99.5	100.0	93.2	62.6	0.0	0.0	0.0	71.1
2 PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3 SH	17.0	0.0	15.0	0.0	56.0	52.8	109.0	95.1	56.3	0.0	0.0	0.0	401.2
4. RSH	727.0	696.0	729.0	719.0	685.0	685.0	635.0	599.0	395.0	0.0	0.0	0.0	5870.0
5. UH	0.0	0.0	0.0	0.0	2.9	3.6	0.0	50.4	269.1	745.0	720.0	744.0	2535.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269.1	745.0	720.0	744.0	2478.1
8 MOH	0.0	0.0	0.0	0.0	2.9	3.6	0.0	50.4	0.0	0.0	0.0	0.0	56.9
9 PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11 PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12 LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13 NSC (MW)	17	17	17	12	12	12	12	12	12	17	17	17	15
14 OPR BTU(GBTU)	2 9918	0 0000	3 0192	0 0000	10 0861	0 9872	1,5747	1,6915	10 0646	0.0000	0.0000	0 0000	30 4152
15 NET GEN (MWH)	147	0	166	0	507	516	812	860	499	0	0	0	3507
16 ANOHR BTU/KWH	20353	#N/A	18188	#N/A	19894	1913	1939	1967	20170	#N/A	#N/A	#N/A	8673
17. NOF (%)	50.9	0.0	65.1	0.0	75.4	81.4	62.1	75.4	73.9	0.0	0.0	0.0	60.3
18 NPC (MW)	17	17	17	12	12	12	12	12	12	17	17	17	15

53

FILED.
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO. 000001-EI
ORDER NO..

ORIGINAL SHEET NO 9.401.00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 1 GASIFIER	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1 EAF (%)	86.7	62.3	3.1	59.6	97.6	73.9	96.4	87.7	83.3	92.4	87.1	80.7	76.0
2 PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3 SH	650.1	436.2	25.1	432.7	744.0	578.2	718.3	653.7	600.6	688.1	663.1	612.5	6802.6
4 RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 UH	93.9	259.8	719.0	286.4	0.0	141.9	25.7	90.3	119.4	56.9	56.9	131.6	1981.8
6 POH	0.0	96.6	368.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	464.7
7 FOH	88.4	136.2	350.9	286.4	0.0	141.9	25.7	90.3	119.4	56.9	56.9	17.5	1370.5
8 MOH	5.5	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114.1	146.6
9 PFOH	88.5	26.6	8.2	81.8	745.0	715.7	19.5	48.4	7.2	1.2	466.4	120.9	2329.4
10 LR PF (MW)	3.8	23.1	53.8	11.6	5.4	15.9	15.4	4.3	41.3	5.3	19.4	25.4	13.2
11. PMOH	26.1	0.0	0.0	3.3	17.7	6.3	0.0	10.2	0.0	0.0	0.0	0.0	63.6
12. LR PM (MW)	34.3	0.0	0.0	7.7	22.3	22.3	0.0	12.0	0.0	0.0	0.0	0.0	24.8
13. NSC (MW)	250	250	250	250	250	250	250	250	250	250	250	250	250
14 OPR BTU(GBTU)	1691.7185	1042.9134	64.8754	1191.6836	1789.9413	1447.3077	1805.1655	1636.6323	1520.1863	1675.2129	1581.1111	1436.3630	16883.1110
15 NET GEN (MWH)	153594	98193	-2716	96860	179617	132300	176019	159204	140092	169966	164565	143327	1611021
16 ANOHR BTU/KWH	11014	10621	0	12303	9965	10940	10256	10280	10851	9856	9608	10022	10480
17. NOF (%)	94.5	90.0	0.0	89.5	96.6	91.5	98.0	97.4	93.3	98.8	99.3	93.6	94.7
18 NPC (MW)	250	250	250	250	250	250	250	250	250	250	250	250	250

54

FILED
SUSPENDED:
EFFECTIVE 01/01/2000
DOCKET NO : 000001-EI
ORDER NO :

ORIGINAL SHEET NO. 9 401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK CT 1 (Oil)	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)	95.5	76.2	50.4	67.0	100.0	86.9	100.0	89.0	99.0	99.1	100.0	99.4	88.6
2. PH	744	696	744	719	744	720	744	744	720	745	720	744	8784
3. SH	33.4	87.9	27.9	23.0	0.0	10.4	19.1	8.3	111.4	51.6	8.9	126.6	508.5
4. RSH	677.4	444.6	349.8	458.5	744.0	615.4	724.9	653.7	601.7	687.9	711.1	613.1	7282.1
5. UH	33.2	163.5	366.3	237.5	0.0	94.2	0.0	82.0	7.0	5.5	0.0	4.3	993.5
6. POH	0.0	95.6	321.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	417.1
7. FOH	33.2	53.1	40.9	227.5	0.0	94.2	0.0	82.0	7.0	5.5	0.0	4.3	547.7
8. MOH	0.0	14.8	3.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7
9. PFOH	0.0	6.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	14.5
10. LR PF (MW)	0.0	91.2	96.0	0.0	0.0	0.0	0.0	0.0	0.0	67.2	0.0	0.0	84.9
11. PMOH	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
12. LR PM (MW)	0.0	0.0	187.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	187.3
13. NSC (MW)	245	245	245	225	225	225	225	225	225	245	245	245	235
14. OPR BTU(GBTU)	36 6070	84 8253	35 4510	24 6663	0.0000	11,2239	19,2639	16 2665	168,1753	76 2743	23 9193	182 1693	678 8421
15. NET GEN (MWH)	4087	9286	3561	4445	0	1479	2199	1760	19334	9758	1602	22504	80015
16. ANOHR BTU/KWH	8957	9135	9955	5549	#N/A	7589	8760	9242	8698	7817	14931	8095	8484
17. NOF (%)	50.0	43.1	52.1	86.0	0.0	63.2	51.2	94.2	77.2	77.1	73.6	72.6	67.0
18. NPC (MW)	245	245	245	225	225	225	225	225	225	245	245	245	235

55

FILED
SUSPENDED
EFFECTIVE 01/01/2000
DOCKET NO.: 000001-EI
ORDER NO.:

ORIGINAL SHEET NO 9 401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK CT 2 (Gas)	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1 EAF (%)							71.9	93.2	99.4	61.2	66.9	13.8	67.4
2. PH							744	744	720	745	720	744	4417
3 SH							162.7	92.0	402.8	180.3	148.4	38.8	1025.0
4. RSH							372.6	601.7	312.9	277.9	333.2	64.3	1962.6
5 UH							208.7	50.4	4.4	286.8	238.4	641.0	1429.7
6. POH							0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH							71.5	23.1	4.4	286.8	205.1	61.0	651.9
8 MOH							137.2	27.3	0.0	0.0	33.3	580.0	777.8
9 PFOH							0.0	55.4	9.6	0.0	0.0	0.0	65.0
10 LR PF (MW)							0.0	20.9	38.5	0.0	0.0	0.0	23.5
11 PMOH							2.2	0.0	1.5	0.0	0.0	0.0	3.7
12. LR PM (MW)							83.3	0.0	4.4	0.0	0.0	0.0	51.3
13. NSC (MW)							150	150	155	160	150	150	153
14. OPR BTU(GBTU)							90.9020	276.0531	635.4582	283.3999	218.0219	48.3680	1552.2031
15. NET GEN (MWH)							7400	24530	53663	26420	18637	4805	135455
16 ANOHR BTU/KWH							12284	11254	11842	10727	11698	10066	11459
17 NOF (%)							30.3	177.7	86.0	91.6	83.7	82.7	86.7
18 NPC (MW)							150	150	155	160	150	150	153

56

FILED
SUSPENDED
EFFECTIVE: 01/01/2000
DOCKET NO : 000001-EI
ORDER NO :

ORIGINAL SHEET NO 9 401 00A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK CT 2 (Oil)	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1. EAF (%)							87.4	92.7	99.1	61.2	88.5	70.5	82.9
2. PH							744	744	720	745	720	744	4417
3. SH							101.8	191.8	56.0	9.4	29.1	155.1	543.2
4. RSH							548.6	498.1	657.9	448.8	608.2	369.2	3130.8
5. UH							93.7	54.2	6.2	286.8	82.7	219.7	743.3
6. POH							0.0	0.0	0.0	0.0	0.0	134.1	134.1
7. FOH							22.6	26.9	5.6	286.8	1.7	6.3	349.9
8. MOH							71.1	27.3	0.6	0.0	81.0	79.3	259.3
9. PFOH							0.0	2.1	3.2	0.0	1.8	0.0	7.1
10. LR PF (MW)							0.0	56.2	81.8	0.0	20.0	0.0	58.6
11. PMOH							0.0	0.0	33.5	0.0	0.0	0.0	33.5
12. LR PM (MW)							0.0	0.0	35.1	0.0	0.0	0.0	35.1
13. NSC (MW)							150	150	155	160	170	170	159
14. OPR BTU(GBTU)							137 6527	325.5965	73 3135	13.3307	39 9499	236 0167	825.8600
15. NET GEN (MWH)							10632	27949	8556	978	3083	19421	70619
16. ANOHR BTU/KWH							12947	11650	8569	13631	12958	12153	11695
17. NOF (%)							69.6	97.2	98.7	65.0	62.3	73.6	81.7
18. NPC (MW)							150	150	155	160	170	170	159

57

FILED:
SUSPENDED
EFFECTIVE. 01/01/2000
DOCKET NO. 000001-EI
ORDER NO.

ORIGINAL SHEET NO 9 401 00A
TAMPA ELECTRIC COMPANY

UNIT PERFORMANCE DATA w/o FGD

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF	MONTH OF	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF	MONTH OF.	MONTH OF:	MONTH OF:	MONTH OF	MONTH OF	PERIOD
BIG BEND 1 w/o FGD	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1 OPR BTU (GBTU)	2180 1	1916 3	2439 8	1724 5	1860.8	2446 1	1957.1	2619 8	1636.7	1823 0	2535 7	1947 9	25087 9
2 NET GEN w/FGD (MWH)	224848	189859	248745	162278	175967	228545	186220	247258	155545	171208	241000	190621	2422094
3 FGD CONSUMED (MWH)	3260 0	2693 7	2309 0	2292 5	1780 0	2966 9	1865 3	2487 1	1968 2	2963 6	3417 7	2028 3	30032 2
4 NET GEN w/o FGD (MWH)	228108 0	192552 7	251054 0	164570 5	177747 0	231511.9	188085 3	249745.1	157513 2	174171.6	244417.7	192649 3	2452126 2
5 ANOHR w/FGD (BTU/KWH)	9695 8	10093 5	9808 4	10626 8	10574 8	10702 9	10509 6	10595.6	10522 1	10647.9	10521 6	10218 8	10358 0
6. ANOHR w/o FGD (BTU/KWH)	9557 2	9952 3	9718.2	10478 7	10468 9	10565 7	10405.4	10490 1	10390.6	10466 7	10374 5	10111 3	10231 1
7 NOF w/FGD (%)	76 5	76 1	78 5	73.4	79 0	79.5	80 6	79 9	75 0	71 0	78 6	82 4	77.7
8. NOF w/o FGD (%)	76 7	76 3	78.3	73 6	78 9	79 6	80 5	79 7	75 0	71 4	78.8	82 3	77 8
9 NPC (MW) w/FGD	426	426	426	416	416	416	416	416	416	426	426	426	421
10 NPC (MW) w/o FGD	431	431	431	421	421	421	421	421	421	431	431	431	426

28

ORIGINAL SHEET NO 9 401.00A
TAMPA ELECTRIC COMPANY

UNIT PERFORMANCE DATA w/o FGD

JANUARY 2000 - DECEMBER 2000

PLANT/UNIT	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	PERIOD
BIG BEND 2 w/o FGD	JAN 00	FEB 00	MAR 00	APR 00	MAY 00	JUN 00	JUL 00	AUG 00	SEP 00	OCT 00	NOV 00	DEC 00	2000
1 OPR BTU (GBTU)	2323 8	1667.5	2416 7	2525 2	2493 0	2353 4	2001.9	2445 8	2400 4	2004.1	2130.0	2575 0	27336.7
2. NET GEN w/FGD (MWH)	233094	172032	250853	255056	243138	228193	195086	239238	238322	197267	210104	259270	2721653
3 FGD CONSUMED (MWH)	3103.2	2059 4	2188 0	3219 3	2680 0	2899 7	2020 8	2297 6	2774 1	3388 5	2869 3	3092 3	32592 2
4 NET GEN w/o FGD (MWH)	236197 2	174091 4	253041 0	258275.3	245818 0	231092 7	197106 8	241535 6	241096 1	200655 5	212973 3	262362 3	2754245 2
5 ANOHR w/FGD (BTU/KWH)	9969.4	9692 7	9633.8	9900 6	10253 4	10313.4	10261 7	10223 3	10072.0	10159.6	10137 7	9931 6	10044 0
6 ANOHR w/o FGD (BTU/KWH)	9838 4	9578 1	9550 5	9777 2	10141 6	10184.0	10156 5	10126 0	9956 1	9988.0	10001 1	9814 5	9925 3
7 NOF w/FGD (%)	77.7	78.4	79.8	85.3	78 6	81 2	81 5	80.1	79 6	72 2	76 7	81 8	79 5
8 NOF w/o FGD (%)	77 8	78 4	79 6	85 3	78 5	81.3	81 4	79.9	79.5	72 6	76 9	81 8	79 5
9 NPC (MW) w/FGD	426	426	426	416	416	416	416	416	416	426	426	426	421
10. NPC (MW) w/o FGD	431	431	431	421	421	421	421	421	421	431	431	431	426

59