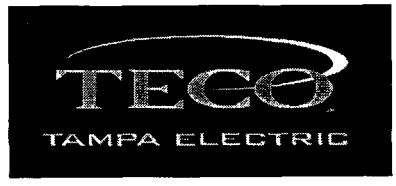


BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 030001-EI

IN RE: FUEL & PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR

TRUE-UP

JANUARY 2002 THROUGH DECEMBER 2002

TESTIMONY AND EXHIBITS

OF

WILLIAM A. SMOTHERMAN

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

WILLIAM A. SMOTHERMAN

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

A. My name is William A. Smotherman. My mailing and business address is Post Office Box 111, Tampa, Florida 33601. I am employed by Tampa Electric Company ("Tampa Electric" or "company") in the position of Director, Resource Planning in the Resource Planning Department.

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

A. I received a Bachelor of Electrical Engineering degree in 1986 from University of South Florida in Tampa, Florida. In May 1986, I joined Tampa Electric as an associate engineer. I have been employed by Tampa Electric for 15 years working in the areas of system planning, commercial/ industrial account management and wholesale power marketing. In February 2001, I was promoted to Director, Resource Planning. My present responsibilities include the areas of system reliability,

generation expansion and system fuel and purchased power forecasting and related economic analyses.

Q. What is the purpose of your testimony?

A. My testimony presents Tampa Electric's actual performance results from unit equivalent availability and station heat rate used to determine the Generating Performance Incentive Factor (GPIF) for the period January 2002 through December 2002. I will also compare these results to the targets established prior to the beginning of the period.

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

A. Yes, Exhibit No. _____ (WAS-1), consisting of two documents, was prepared under my direction and supervision. Document No. 1, entitled "Tampa Electric Company, Generating Performance Incentive Factor, January 2002 - December 2002, True-up" is consistent with the GPIF Implementation Manual previously approved by the Commission. In addition, Document No. 2, provides the company's Actual Unit Performance Data for the January 2002 - December 2002 period.

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

A. Seven of the company's units are included. These are Big Bend Station Units 1, 2, 3, and 4, Gannon Station Units 5 and 6, and Polk Station Unit 1.

Q. Have you calculated the results of Tampa Electric's performance under the GPIF during this period?

A. Yes, this is shown on Document No. 1, page 4 of 32. Based upon -4.385 GPIF points, the result is a penalty amount of $2,496,021 for the period.

Q. Please proceed with your review of the actual results for the January 2002 - December 2002 period.

A. On Document No. 1, page 3 of 32, the actual average common equity for the period is shown on line 14 as $1,452,018,692. This produces the maximum penalty or reward figure of $5,691,728 as shown on line 21.

Q. Will you please explain how you arrived at the actual equivalent availability results for the seven included within the GPIF?

A. Yes, operating data on each of our units is filed monthly with the Florida Public Service Commission on the Actual Unit

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

Q. Are the equivalent availability results shown on Document No. 1, page 6 of 32, column 2, directly applicable to the GPIF table?

A. Not exactly. Adjustments to equivalent availability may be required as noted in section 4.3.3 of the GPIF Manual. The actual equivalent availability including the required adjustment is shown on Document No. 1, page 6 of 32. The necessary adjustments as prescribed in the GPIF Manual are further defined by a letter dated October 23, 1981, from Mr. J.H. Hoffsis of the Commission's Staff. The adjustments for each unit are as follows:

Big Bend Unit No. 1

On this unit, 336 planned outage hours were originally scheduled for 2002. Actual outage activities required 372.6 planned outage hours. Consequently, the actual equivalent availability of 70.7% is adjusted to 71.1% as shown on Document No. 1, page 7 of 32.

Big Bend Unit No. 2

On this unit, 1,681 planned outage hours were originally scheduled for 2002. Actual outage activities required 2,038.5 planned outage hours. Consequently, the actual equivalent availability of 49.6% is adjusted to 52.4% as shown on Document No. 1, page 8 of 32.

Big Bend Unit No. 3

On this unit, 1,344 planned outage hours were originally scheduled for 2002. Actual outage activities required 1,420.6 planned outage hours. Consequently, the actual equivalent availability of 53.2% is adjusted to 53.8% as shown on Document No. 1, page 9 of 32.

Big Bend Unit No. 4

On this unit, 504 planned outage hours were originally scheduled for 2002. Actual outage activities required 537.8 planned outage hours. Consequently, the actual equivalent availability of 84.0% is adjusted to 84.3% as shown on Document No. 1, page 10 of 32.

Gannon Unit No. 5

On this unit, 1,344 planned outage hours were originally scheduled for 2002. Actual outage activities required 1,824.2 planned outage hours. Consequently, the actual equivalent

availability of 61.0% is adjusted to 65.2% as shown on Document No. 1, page 11 of 32.

Gannon Unit No. 6

On this unit, 1,584 planned outage hours were originally scheduled for 2002. Actual outage activities required 1,803.5 planned outage hours. Consequently, the actual equivalent availability of 59.8% is adjusted to 61.6%, as shown on Document No. 1, page 12 of 32.

Polk Unit No. 1

On this unit, 672 planned outage hours were originally scheduled for 2002. Actual outage activities required 199.1 planned outage hours. Consequently, the actual equivalent availability of 89.5% is adjusted to 84.6%, as shown on Document No. 1, page 13 of 32.

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

A. The final adjusted equivalent availabilities for each unit are shown on Document No. 1, page 6 of 32, column 4. This number is entered into the respective Generating Performance Incentive Point (GPIP) Table for each particular unit on pages 24 of 32 through 30 of 32. Page 4 of 32 summarizes the equivalent

availability points to be awarded or penalized.

Q. Will you please explain the heat rate results relative to the GPIF?

A. The actual heat rate and adjusted actual heat rate for Big Bend Units 1, 2, 3, and 4, Gannon Units 5 and 6 and Polk Unit 1 are shown on page Document No. 1, page 6 of 32. 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 FPSC Staff. The final adjusted actual heat rates are also shown on page 5 of 32. This heat rate number is entered into the respective GPIP table for the particular unit, shown on pages 24 of 32 through 30 of 32. Page 4 of 32 summarizes the weighted heat rate and equivalent availability points to be awarded.

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

A. This is shown on Document No. 1, page 32 of 32. Essentially, the weighting factors shown on page 4 of 32, column 3, plus the equivalent availability points and the heat rate points shown on page 4 of 32, column 4, are substituted within the equation. This resultant value, -4.385, is then entered into the GPIF

table on page 2 of 32. Using linear interpolation, a penalty amount of $2,496,021 is calculated.

Q. Does this conclude your testimony?

A. Yes, it does.

EXHIBIT NO. _____
DOCKET NO. 030001-EI
TAMPA ELECTRIC COMPANY
(WAS-1)

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2002 - DECEMBER 2002

EXHIBIT NO. _____
DOCKET NO. 030001-EI
TAMPA ELECTRIC COMPANY
(WAS-1)

GENERATING PERFORMANCE INCENTIVE FACTOR

INDEX

EXHIBIT NO. _____
DOCKET NO. 030001-EI
TAMPA ELECTRIC COMPANY
(WAS-1)
DOCUMENT NO. 1

EXHIBITS TO THE TESTIMONY OF

WILLIAM A. SMOTHERMAN

DOCKET NO. 030001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2002 - DECEMBER 2002

TRUE-UP

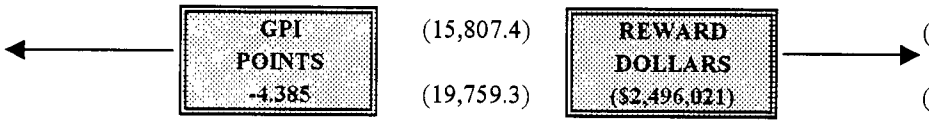
DOCUMENT NO. 1

GPIF SCHEDULES

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2002 - DECEMBER 2002
TRUE-UP
TABLE OF CONTENTS

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE - ACTUAL
JANUARY 2002 - DECEMBER 2002

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) ($000)	GENERATING PERFORMANCE INCENTIVE FACTOR ($000)
+10	27,494.5	5,691.7
+9	24,745.1	5,122.6
+8	21,995.6	4,553.4
+7	19,246.2	3,984.2
+6	16,496.7	3,415.0
+5	13,747.3	2,845.9
+4	10,997.8	2,276.7
+3	8,248.4	1,707.5
+2	5,498.9	1,138.3
+1	2,749.5	569.2
0	0.0	0.0
-1	(3,951.9)	(569.2)
-2	(7,903.7)	(1,138.3)
-3	(11,855.6)	(1,707.5)
-4	(15,807.4)	(2,276.7)
-5	(19,759.3)	(2,845.9)
-6	(23,711.1)	(3,415.0)
-7	(27,663.0)	(3,984.2)
-8	(31,614.8)	(4,553.4)
-9	(35,566.7)	(5,122.6)
-10	(39,518.5)	(5,691.7)



TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2002 - DECEMBER 2002

Line 1	Beginning of period balance of common equity: End of month common equity:		$	1,417,501,000
Line 2	Month of January	2002	$	1,407,610,000
Line 3	Month of February	2002	$	1,421,392,000
Line 4	Month of March	2002	$	1,435,310,000
Line 5	Month of April	2002	$	1,431,555,000
Line 6	Month of May	2002	$	1,445,572,000
Line 7	Month of June	2002	$	1,459,727,000
Line 8	Month of July	2002	$	1,449,603,000
Line 9	Month of August	2002	$	1,463,797,000
Line 10	Month of September	2002	$	1,478,130,000
Line 11	Month of October	2002	$	1,474,200,000
Line 12	Month of November	2002	$	1,488,635,000
Line 13	Month of December	2002	$	1,503,211,000
Line 14	(Summation of line 1 through line 13 divided by 13)		$	1,452,018,692
Line 15	25 Basis points			0.0025
Line 16	Revenue Expansion Factor			61.38%
Line 17	Maximum Allowed Incentive Dollars (line 14 times line 15 divided by line 16)		$	5,913,978
Line 18	Jurisdictional Sales			17,751,526 MWH
Line 19	Total Sales			18,444,683 MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)			96.24%
Line 21	**Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)**		**$**	**5,691,728**

TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2002 - DECEMBER 2002

PLANT / UNIT	12 MONTH ADJ. ACTUAL PERFORMANCE		WEIGHTING FACTOR	UNIT POINTS	WEIGHTED UNIT POINTS
BIG BEND 1	71.1%	EAF	5.32%	-7.750	-0.412
BIG BEND 2	52.4%	EAF	6.17%	-10.000	-0.617
BIG BEND 3	53.8%	EAF	5.82%	-10.000	-0.582
BIG BEND 4	84.3%	EAF	3.03%	6.538	0.198
GANNON 5	65.2%	EAF	6.19%	10.000	0.619
GANNON 6	61.6%	EAF	10.46%	-2.556	-0.267
POLK 1	84.6%	EAF	4.98%	10.000	0.498
BIG BEND 1	10,519	ANOHR	11.35%	-5.957	-0.676
BIG BEND 2	10,398	ANOHR	6.97%	-10.000	-0.697
BIG BEND 3	10,275	ANOHR	9.96%	-2.966	-0.295
BIG BEND 4	10,488	ANOHR	7.48%	-10.000	-0.748
GANNON 5	11,202	ANOHR	4.28%	-6.661	-0.285
GANNON 6	11,192	ANOHR	6.87%	-7.792	-0.536
POLK 1	10,565	ANOHR	11.12%	-5.268	-0.586
			100.00%		-4.385

GPIF REWARD	**$**	**(2,496,021)**

TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	WEIGHTING FACTOR (%)	EAF TARGET (%)	EAF MAX. (%)	RANGE MIN. (%)	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	EAF ADJUSTED ACTUAL (%)	ACTUAL FUEL SAVINGS/ LOSS ($000)
BIG BEND 1	5.32	77.3	81.2	69.3	1,461.7	(3,173.6)	71.1	(2,459.5)
BIG BEND 2	6 17	66 7	70.4	59.1	1,697.2	(3,261.5)	52.4	(3,261.5)
BIG BEND 3	5.82	67.5	71.7	59.1	1,600 4	(3,650.6)	53 8	(3,650.6)
BIG BEND 4	3.03	82.6	85.2	77.4	833.3	(1,684.1)	84.3	1,101.1
GANNON 5	6.19	56.7	63.1	44.0	1,702.3	(3,830.7)	65.2	3,830.7
GANNON 6	10 46	63.9	68.4	54.9	2,875.0	(6,015.5)	61.6	(1,537.3)
POLK 1	4.98	78.0	81.3	71.5	1,370.4	(1,948.3)	84.6	1,948.3
GPIF SYSTEM	**41.97**				**11,540.3**	**(23,564.3)**		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	WEIGHTING FACTOR (%)	ANOHR (Btu/kwh)	TARGET NOF (%)	ANOHR TARGET RANGE MIN.	ANOHR TARGET RANGE MAX.	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	ACTUAL ADJUSTED ANOHR	ACTUAL FUEL SAVINGS/ LOSS ($000)
BIG BEND 1	11.35	10,111	91.9	9,477	10,745	3,120.1	(3,120.1)	10,519.0	(1,858.7)
BIG BEND 2	6.97	9,815	95.4	9,400	10,230	1,916.1	(1,916.1)	10,398.0	(1,916.1)
BIG BEND 3	9.96	10,036	78.3	9,408	10,664	2,737.5	(2,737.5)	10,275.0	(811.8)
BIG BEND 4	7 48	10,089	82.7	9,710	10,468	2,055.3	(2,055.3)	10,488.0	(2,055.3)
GANNON 5	4.28	10,716	71.5	10,024	11,408	1,177.3	(1,177.3)	11,202.0	(784.2)
GANNON 6	6.87	10,704	78.4	10,099	11,309	1,889.6	(1,889.6)	11,192.0	(1,472.5)
POLK 1	11 12	10,087	98.2	9,247	10,927	3,058.3	(3,058.3)	10,565.0	(1,611.1)
GPIF SYSTEM	**58.03**					**15,954.2**	**(15,954.2)**		

TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2002 - DECEMBER 2002

PLANT / UNIT	ACTUAL EAF (%)	ADJUSTMENTS (1) TO EAF (%)	EAF ADJUSTED ACTUAL (%)
BIG BEND 1	70.7	0.4	71.1
BIG BEND 2	49.6	2.8	52.4
BIG BEND 3	53.2	0.6	53.8
BIG BEND 4	84.0	0.3	84.3
GANNON 5	61.0	4.2	65.2
GANNON 6	59.8	1.8	61.6
POLK 1	89.5	-4.9	84.6

PLANT / UNIT	ACTUAL ANOHR (Btu/kwh)	ADJUSTMENTS (2) TO ANOHR (Btu/kwh)	ANOHR ADJUSTED ACTUAL (Btu/kwh)
BIG BEND 1	10,740	-221	10,519
BIG BEND 2	10,656	-258	10,398
BIG BEND 3	10,619	-344	10,275
BIG BEND 4	10,562	-74	10,488
GANNON 5	11,192	10	11,202
GANNON 6	11,040	152	11,192
POLK 1	10,725	-160	10,565

(1) Documentation of adjustments to Actual EAF on pages 7 - 13

(2) Documentation of adjustments to Actual ANOHR on pages 14 - 20

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 1
JANUARY 2002 - DECEMBER 2002

WEIGHTING FACTOR = 5.32%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	77.3	70.7	71.1
POH	336.0	372.6	336.0
FOH + EFOH	733.0	1,387.6	1,393.7
MOH + EMOH	927.0	797.9	801.4
POF	3.8	4.3	3.8
EFOF	8.4	15.8	15.9
EMOF	10.6	9.1	9.1
	-7.750	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 336}{8760 - 372.6} \times (1387.6 + 797.9) = 2,195.0$$

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

$$100 - 3.8 - \frac{2195.0}{8760.0} \times 100 = 71.1$$

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
BIG BEND UNIT NO. 2
JANUARY 2002 - DECEMBER 2002

WEIGHTING FACTOR = 6.17%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	66.7	49.6	52.4
POH	1,681.0	2,038.5	1,681.0
FOH + EFOH	623.0	1,693.0	1,783.0
MOH + EMOH	616.0	669.7	705.3
POF	19.2	23.3	19.2
EFOF	7.1	19.3	20.4
EMOF	7.0	7.6	8.1
	-10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1681}{8760 - 2038.5} \times (1693 + 669.7 = 2{,}488.4$$

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

$$100 - 19.2 - \frac{2488.4}{8760.0} \times 100 = 52.4$$

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 2002 - DECEMBER 2002

WEIGHTING FACTOR = 5.82%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	67.5	53.2	53.8
POH	1,344.0	1,420.6	1,344.0
FOH + EFOH	601.0	2,276.3	2,300.1
MOH + EMOH	905.0	403.8	408.0
POF	15.3	16.2	15.3
EFOF	6.9	26.0	26.3
EMOF	10.3	4.6	4.7
	-10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1344}{8760 - 1420.6} \times (2276.3 + 403.8) = 2{,}708.1$$

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

$$100 - 15.3 - \frac{2708.1}{8760.0} \times 100 = 53.8$$

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 2002 - DECEMBER 2002

WEIGHTING FACTOR = 3.03%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	82.6	84.0	84.3
POH	504.0	537.8	504.0
FOH + EFOH	504.0	641.8	644.4
MOH + EMOH	512.0	224.0	224.9
POF	5.8	6.1	5.8
EFOF	5.8	7.3	7.4
EMOF	5.8	2.6	2.6
	6.538	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 504}{8760 - 537.8} \times (641.8 + 224) = 869.4$$

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

$$100 - 5.8 - \frac{869.4}{8760.0} \times 100 = 84.3$$

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
GANNON UNIT NO. 5
JANUARY 2002 - DECEMBER 2002

WEIGHTING FACTOR = 6.19%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	56.7	61.0	65.2
POH	1,344.0	1,824.2	1,344.0
FOH + EFOH	1,854.0	1,454.8	1,555.5
MOH + EMOH	593.0	140.5	150.2
POF	15.3	20.8	15.3
EFOF	21.2	16.6	17.8
EMOF	6.8	1.6	1.7
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1344}{8760 - 1824.2} \times (1454.8 + 140.5 = 1{,}705.8$$

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

$$100 - 15.3 - \frac{1705.8}{8760.0} \times 100 = 65.2$$

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 2002 - DECEMBER 2002

WEIGHTING FACTOR = 10.46%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	63.9	59.8	61.6
POH	1,584.0	1,803.5	1,584.0
FOH + EFOH	1,076.0	1,227.9	1,266.6
MOH + EMOH	502.0	493.5	509.1
POF	18.1	20.6	18.1
EFOF	12.3	14.0	14.5
EMOF	5.7	5.6	5.8
	-2.556	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1584}{8760 - 1803.5} \times (1227.9 + 493.5) = 1,775.7$$

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

$$100 - 18.1 - \frac{1775.7}{8760.0} \times 100 = 61.6$$

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
POLK UNIT NO. 1
JANUARY 2002 - DECEMBER 2002

WEIGHTING FACTOR = 4.98%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	78.0	89.5	84.6
POH	672.0	199.1	672.0
FOH + EFOH	971.0	485.4	458.6
MOH + EMOH	283.0	232.4	219.6
POF	7.7	2.3	7.7
EFOF	11.1	5.5	5.2
EMOF	3.2	2.7	2.5
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 672}{8760 - 199.1} \times (485.4 + 232.4) = 678.1$$

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

$$100 - 7.7 - \frac{678.1}{8760.0} \times 100 = 84.6$$

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 HEAT RATE
BIG BEND UNIT NO. 1
JANUARY 2002 - DECEMBER 2002

WEIGHTING FACTOR = 11.35%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,111	10,740
NET GENERATION (GWH)	2,567.8	2,265.6
OPERATING BTU (10^9)	25,962.9	24,331.8
NET OUTPUT FACTOR	91.9	74.0

-5.957 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-12.328) + 11244 = ANOHR

		74 * (-12.328) + 11244	=	10,332	
10,740	-	10,332	=	408	
10,111	+	408	=	10,519	← 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 2002 - DECEMBER 2002

WEIGHTING FACTOR = 6.97%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	9,815	10,656
NET GENERATION (GWH)	2,382.6	1,674.5
OPERATING BTU (10^9)	23,385.4	17,843.8
NET OUTPUT FACTOR	95.4	74.7

-10.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-12.51) + 11008 = ANOHR

	74.7 * (-12.51) + 11008		=	10,074	
10,656	-	10,074	=	583	
9,815	+	583	=	10,398	← 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 2002 - DECEMBER 2002

WEIGHTING FACTOR = 9.96%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,036	10,619
NET GENERATION (GWH)	2,164.9	1,776.9
OPERATING BTU (10^9)	21,725.9	18,868.7
NET OUTPUT FACTOR	78.3	72.3

-2.966 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-57.476) + 14536 = ANOHR

	72.3 * (-57.476) + 14536		=	10,380	
10,619	-	10,380	=	239	
10,036	+	239	=	10,275 ←	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 2002 - DECEMBER 2002

WEIGHTING FACTOR = 7.48%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,089	10,562
NET GENERATION (GWH)	2,678.3	2,846.7
OPERATING BTU (10^9)	27,020.9	30,067.1
NET OUTPUT FACTOR	82.7	80.5

-10.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-33.833) + 12887 = ANOHR

	80.5 * (-33.833) + 12887	=	10,163		
10,562	-	10,163	=	399	
10,089	+	399	=	10,488	← 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 2002 - DECEMBER 2002

WEIGHTING FACTOR = 4.28%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,716	11,192
NET GENERATION (GWH)	834.0	908.3
OPERATING BTU (10^9)	8,937.1	10,165.2
NET OUTPUT FACTOR	71.5	73.7

-6.661 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-4.3274) + 11025 = ANOHR

	73.7 * (-4.3274) + 11025		=	10,706	
11,192	-	10,706	=	486	
10,716	+	486	=	11,202	← 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 2002 - DECEMBER 2002

WEIGHTING FACTOR = 6.87%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,704	11,040
NET GENERATION (GWH)	1,633.4	1,612.3
OPERATING BTU (10^9)	17,484.1	17,799.2
NET OUTPUT FACTOR	78.4	72.5

-7.792 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(25.825) + 8679.5 = ANOHR

	72.5 * (25.825) + 8679.5	=	10,552		
11,040	-	10,552	=	488	
10,704	+	488	=	11,192	← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
POLK UNIT NO. 1
JANUARY 2002 - DECEMBER 2002

WEIGHTING FACTOR = 11.12%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,087	10,725
NET GENERATION (GWH)	1,632.9	1,712.4
OPERATING BTU (10^9)	16,470.9	18,366.2
NET OUTPUT FACTOR	98.2	87.4

-5.268 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-14.839) + 11544 = ANOHR

87.4 * (-14.839) + 11544 = 10,247

10,725 - 10,247 = 478

10,087 + 478 = 10,565 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

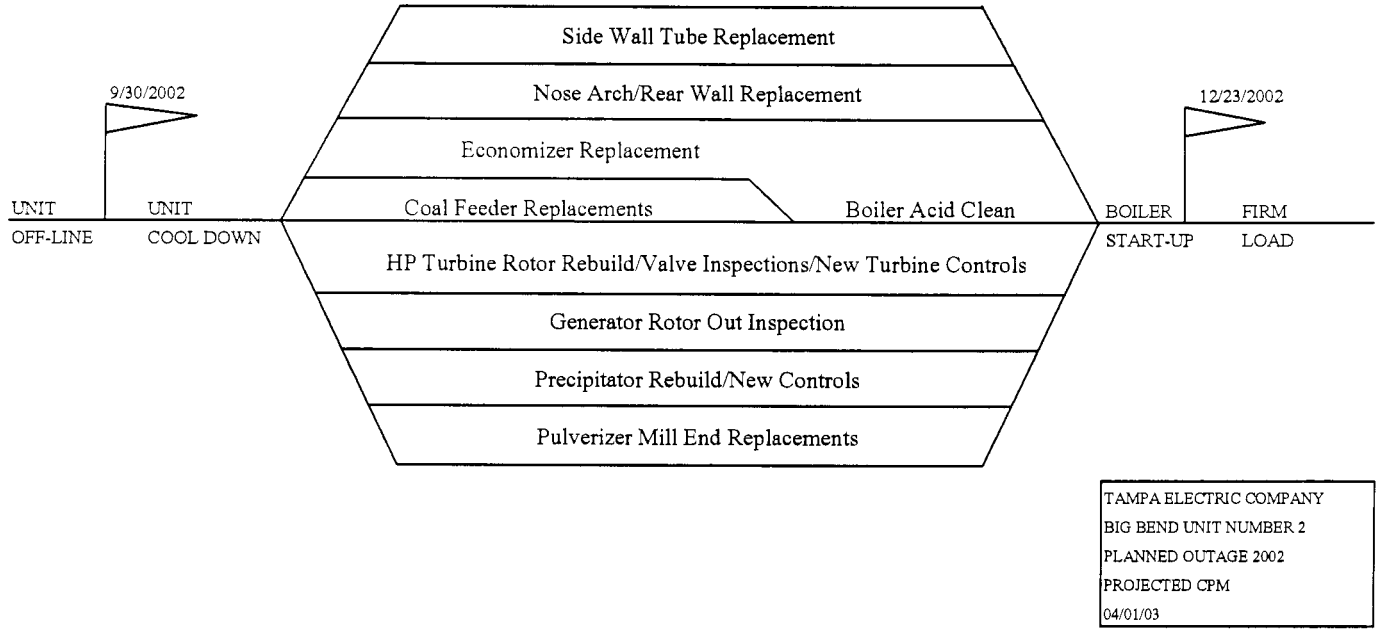
ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ACTUAL)
GPIF UNITS
JANUARY 2002 - DECEMBER 2002

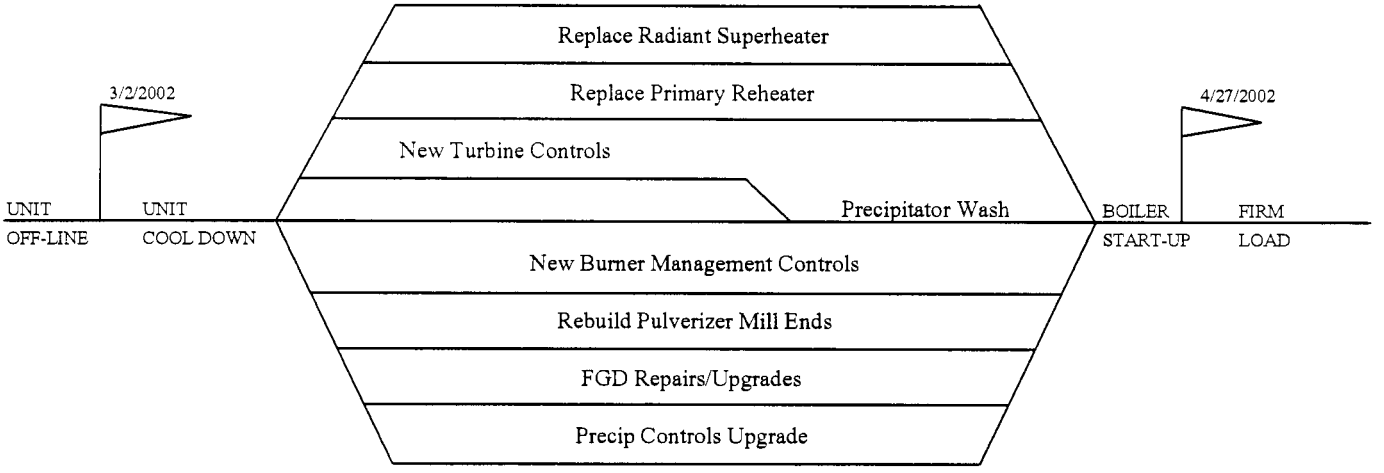
	PLANT / UNIT	PLANNED OUTAGE DATES			OUTAGE DESCRIPTION
+	BIG BEND 1	Feb 16	-	Mar 03	Fuel System Clean-up
	BIG BEND 2	Sep 30	-	Dec 23	Side Wall Tube Replacement, Nose Arch/Rear Wall Replacement, Economizer Replacement, Coal Feeder Replacements, Pulverizer Mill End Replacements, Precipitator Rebuild/New Controls, HP Turbine Rotor Rebuild/Valve Inspections/New Turbine Controls, Generator Rotor Out Inspection, Boiler Acid Clean
	BIG BEND 3	Mar 02		Apr 27	Replace Radiant Superheater, Replace Primary Reheater, Precipitator Wash, Rebuild Pulverizer Mill Ends, FGD Repairs/Upgrades, New Burner Management Controls, New Turbine Controls, Precip Controls Upgrade
+	BIG BEND 4	May 02	-	Jun 02	Fuel System Clean-up
	GANNON 5	Feb 13	-	Apr 30	Replace Tubes in Condenser, Replace Wall Tubes, Rewind Generator, Turbine Controls Upgrade, Excitation Sys Upgrade, Feedwtr Bypass 1-2 & 3-4 Instl, Turb Lp Blade Insp , Boiler Insp
	GANNON 6	Oct 06	-	Dec 09	Boiler Build Up Removal, Condenser Upgrade, Turbine Controls Upgrade, Precipitator Insp, Slag Tank Duct Work Repair, Turb Lp Blade Insp & Repl, Hot Air Duct Expansion Joint Replacement , Gland Steam Condenser Repl
+	POLK 1	May 18	-	May 26	Fuel System Clean-up

+ 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 2002 - DECEMBER 2002

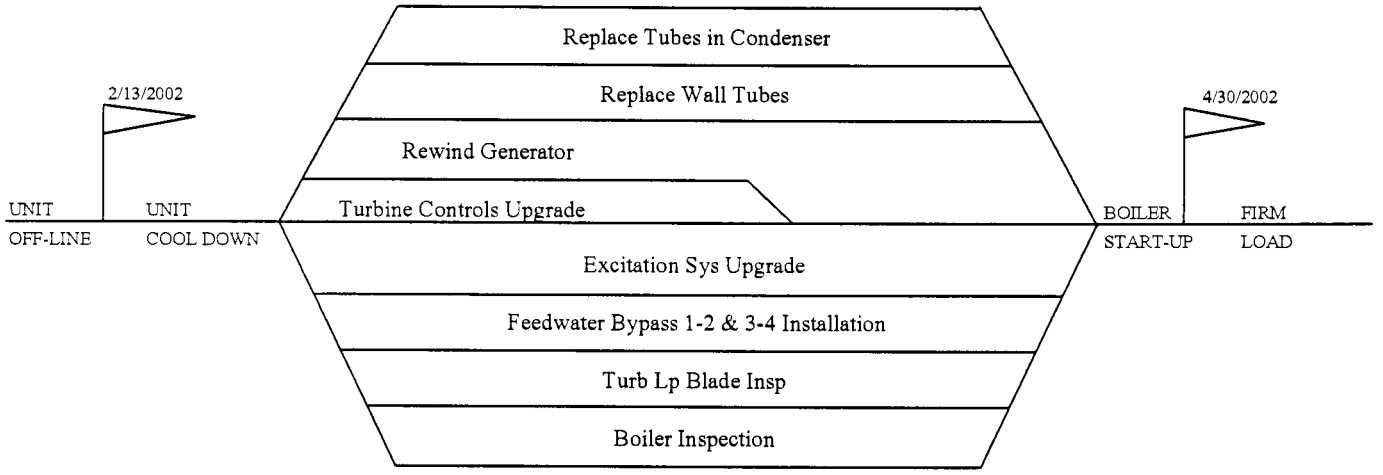


TAMPA ELECTRIC COMPANY
BIG BEND UNIT NUMBER 2
PLANNED OUTAGE 2002
PROJECTED CPM
04/01/03

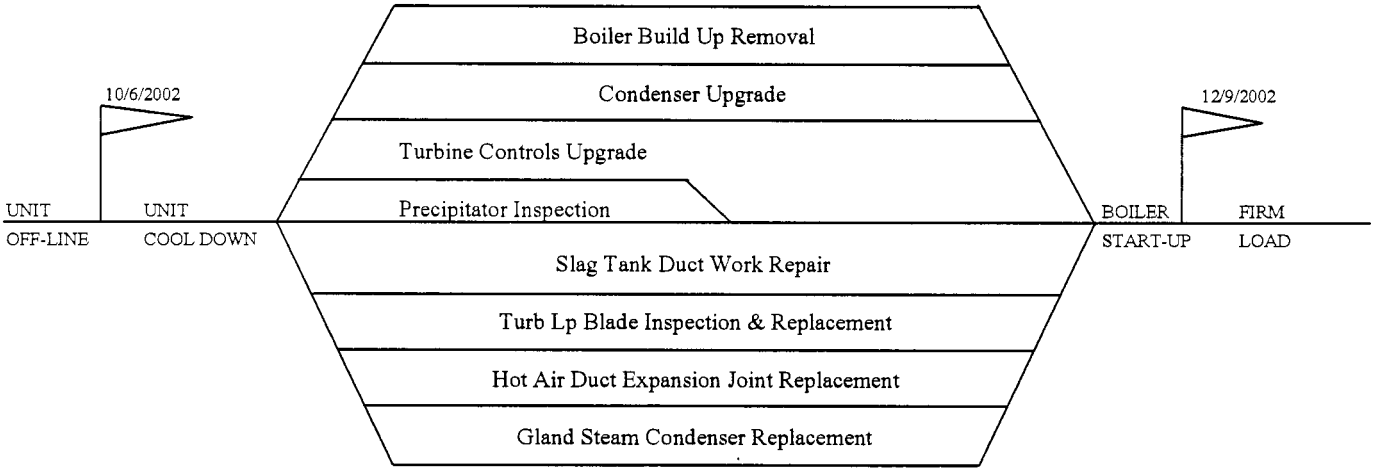


TAMPA ELECTRIC COMPANY
BIG BEND UNIT NUMBER 3
PLANNED OUTAGE 2002
PROJECTED CPM
04/01/03

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2002 - DECEMBER 2002



TAMPA ELECTRIC COMPANY
GANNON UNIT NUMBER 5
PLANNED OUTAGE 2002
PROJECTED CPM
04/01/03



TAMPA ELECTRIC COMPANY
GANNON UNIT NUMBER 6
PLANNED OUTAGE 2002
PROJECTED CPM
04/01/03

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2002 - DECEMBER 2002

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	1,461.7	81.2	+10	3,120.1	9,477
+9	1,315.5	80.8	+9	2,808.1	9,533
+8	1,169.4	80.4	+8	2,496.1	9,589
+7	1,023.2	80.0	+7	2,184.1	9,645
+6	877.0	79.6	+6	1,872.1	9,701
+5	730.9	79.3	+5	1,560.1	9,757
+4	584.7	78.9	+4	1,248.0	9,812
+3	438.5	78.5	+3	936.0	9,868
+2	292.3	78.1	+2	624.0	9,924
+1	146.2	77.7	+1	312.0	9,980
					10,036
0	0.0	77.3	0	0.0	10,111
					10,186
-1	(317.4)	76.5	-1	(312.0)	10,242
-2	(634.7)	75.7	-2	(624.0)	10,298
-3	(952.1)	74.9	-3	(936.0)	10,354
-4	(1,269.4)	74.1	-4	(1,248.0)	10,410
-5	(1,586.8)	73.3	-5	(1,560.1)	10,466
-6	(1,904.2)	72.5	-6	(1,872.1)	10,521
-7	(2,221.5)	71.7	-7	(2,184.1)	10,577
-8	(2,538.9)	70.9	-8	(2,496.1)	10,633
-9	(2,856.2)	70.1	-9	(2,808.1)	10,689
-10	(3,173.6)	69.3	-10	(3,120.1)	10,745

EAF POINTS -7.750 → Adjusted EAF 71.1 →

AHR POINTS -5.957 → Adjusted ANOHR 10,519 →

Weighting Factor = 5.32%

Weighting Factor = 11.35%

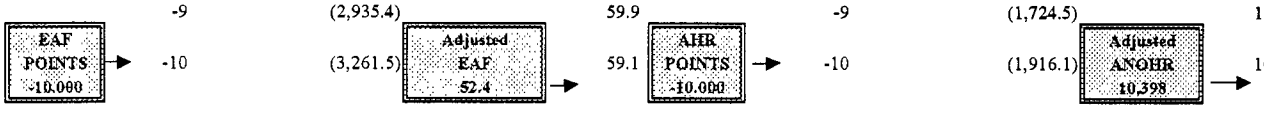
TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2002 - DECEMBER 2002

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	1,697.2	70.4	+10	1,916.1	9,400
+9	1,527.5	70.0	+9	1,724.5	9,434
+8	1,357.8	69.7	+8	1,532.9	9,468
+7	1,188.0	69.3	+7	1,341.3	9,502
+6	1,018.3	68.9	+6	1,149.7	9,536
+5	848.6	68.6	+5	958.1	9,570
+4	678.9	68.2	+4	766.4	9,604
+3	509.2	67.8	+3	574.8	9,638
+2	339.4	67.4	+2	383.2	9,672
+1	169.7	67.1	+1	191.6	9,706
					9,740
0	0.0	66.7	0	0.0	9,815
					9,890
-1	(326.2)	65.9	-1	(191.6)	9,924
-2	(652.3)	65.2	-2	(383.2)	9,958
-3	(978.5)	64.4	-3	(574.8)	9,992
-4	(1,304.6)	63.7	-4	(766.4)	10,026
-5	(1,630.8)	62.9	-5	(958.1)	10,060
-6	(1,956.9)	62.1	-6	(1,149.7)	10,094
-7	(2,283.1)	61.4	-7	(1,341.3)	10,128
-8	(2,609.2)	60.6	-8	(1,532.9)	10,162
-9	(2,935.4)	59.9	-9	(1,724.5)	10,196
-10	(3,261.5)	59.1	-10	(1,916.1)	10,230



Weighting Factor = 6.17%

Weighting Factor = 6.97%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2002 - DECEMBER 2002

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	1,600.4	71.7	+10	2,737.5	9,408
+9	1,440.4	71.3	+9	2,463.8	9,463
+8	1,280.3	70.9	+8	2,190.0	9,519
+7	1,120.3	70.4	+7	1,916.3	9,574
+6	960.2	70.0	+6	1,642.5	9,629
+5	800.2	69.6	+5	1,368.8	9,685
+4	640.2	69.2	+4	1,095.0	9,740
+3	480.1	68.8	+3	821.3	9,795
+2	320.1	68.3	+2	547.5	9,850
+1	160.0	67.9	+1	273.8	9,906
					9,961
0	0.0	67.5	0	0.0	10,036
					10,111
-1	(365.1)	66.7	-1	(273.8)	10,166
-2	(730.1)	65.8	-2	(547.5)	10,222
-3	(1,095.2)	65.0	-3	(821.3)	10,277
-4	(1,460.2)	64.1	-4	(1,095.0)	10,332
-5	(1,825.3)	63.3	-5	(1,368.8)	10,388
-6	(2,190.4)	62.5	-6	(1,642.5)	10,443
-7	(2,555.4)	61.6	-7	(1,916.3)	10,498
-8	(2,920.5)	60.8	-8	(2,190.0)	10,553
-9	(3,285.5)	59.9	-9	(2,463.8)	10,609
-10	(3,650.6)	59.1	-10	(2,737.5)	10,664

EAF POINTS -10.000 → -10

Adjusted EAF 53.8 →

AHR POINTS -2.966 →

Adjusted ANOHR 10.275 →

Weighting Factor = 5.82%

Weighting Factor = 9.96%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2002 - DECEMBER 2002

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	833.3	85.2	+10	2,055.3	9,710
+9	750.0	84.9	+9	1,849.8	9,740
+8	666.6	84.7	+8	1,644.2	9,771
+7	583.3	84.4	+7	1,438.7	9,801
+6	500.0	84.2	+6	1,233.2	9,832
+5	416.7	83.9	+5	1,027.7	9,862
+4	333.3	83.6	+4	822.1	9,892
+3	250.0	83.4	+3	616.6	9,923
+2	166.7	83.1	+2	411.1	9,953
+1	83.3	82.9	+1	205.5	9,984
					10,014
0	0.0	82.6	0	0.0	10,089
					10,164
-1	(168.4)	82.1	-1	(205.5)	10,194
-2	(336.8)	81.6	-2	(411.1)	10,225
-3	(505.2)	81.0	-3	(616.6)	10,255
-4	(673.6)	80.5	-4	(822.1)	10,286
-5	(842.1)	80.0	-5	(1,027.7)	10,316
-6	(1,010.5)	79.5	-6	(1,233.2)	10,346
-7	(1,178.9)	79.0	-7	(1,438.7)	10,377
-8	(1,347.3)	78.4	-8	(1,644.2)	10,407
-9	(1,515.7)	77.9	-9	(1,849.8)	10,438
-10	(1,684.1)	77.4	-10	(2,055.3)	10,468

EAF POINTS 6.538 → Adjusted EAF 84.3 →

AHR POINTS 10.000 → Adjusted ANOHR 10,488 →

Weighting Factor = 3.03%

Weighting Factor = 7.48%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2002 - DECEMBER 2002

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
EAF POINTS 10.000 → +10	1,702.3	Adjusted EAF 65.2 → 63.1	+10	1,177.3	10,024
+9	1,532.1	62.5	+9	1,059.6	10,086
+8	1,361.8	61.8	+8	941.8	10,147
+7	1,191.6	61.2	+7	824.1	10,209
+6	1,021.4	60.5	+6	706.4	10,271
+5	851.2	59.9	+5	588.7	10,333
+4	680.9	59.3	+4	470.9	10,394
+3	510.7	58.6	+3	353.2	10,456
+2	340.5	58.0	+2	235.5	10,518
+1	170.2	57.3	+1	117.7	10,579
					10,641
0	0.0	56.7	0	0.0	10,716
					10,791
-1	(383.1)	55.4	-1	(117.7)	10,853
-2	(766.1)	54.2	-2	(235.5)	10,914
-3	(1,149.2)	52.9	-3	(353.2)	10,976
-4	(1,532.3)	51.6	-4	(470.9)	11,038
-5	(1,915.4)	50.4	-5	(588.7)	11,100
-6	(2,298.4)	49.1	AHR POINTS -6.661 → -6	(706.4)	Adjusted ANOHR 11,202 → 11,161
-7	(2,681.5)	47.8	-7	(824.1)	11,223
-8	(3,064.6)	46.5	-8	(941.8)	11,285
-9	(3,447.6)	45.3	-9	(1,059.6)	11,346
-10	(3,830.7)	44.0	-10	(1,177.3)	11,408

Weighting Factor = 6.19%

Weighting Factor = 4.28%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2002 - DECEMBER 2002

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	2,875.0	68.4	+10	1,889.6	10,099
+9	2,587.5	68.0	+9	1,700.6	10,152
+8	2,300.0	67.5	+8	1,511.7	10,205
+7	2,012.5	67.1	+7	1,322.7	10,258
+6	1,725.0	66.6	+6	1,133.8	10,311
+5	1,437.5	66.2	+5	944.8	10,364
+4	1,150.0	65.7	+4	755.8	10,417
+3	862.5	65.3	+3	566.9	10,470
+2	575.0	64.8	+2	377.9	10,523
+1	287.5	64.4	+1	189.0	10,576
					10,629
0	0.0	63.9	0	0.0	10,704
					10,779
-1	(601.6)	63.0	-1	(189.0)	10,832
-2	(1,203.1)	62.1	-2	(377.9)	10,885
-3	(1,804.7)	61.2	-3	(566.9)	10,938
-4	(2,406.2)	60.3	-4	(755.8)	10,991
-5	(3,007.8)	59.4	-5	(944.8)	11,044
-6	(3,609.3)	58.5	-6	(1,133.8)	11,097
-7	(4,210.9)	57.6	-7	(1,322.7)	11,150
-8	(4,812.4)	56.7	-8	(1,511.7)	11,203
-9	(5,414.0)	55.8	-9	(1,700.6)	11,256
-10	(6,015.5)	54.9	-10	(1,889.6)	11,309

EAF POINTS 2.556 → Adjusted EAF 61.6 →

AHR POINTS 7.792 → Adjusted ANOHR 11,192 →

Weighting Factor = 10.46%

Weighting Factor = 6.87%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2002 - DECEMBER 2002

POLK 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
EAF POINTS 10.000 → +10	1,370.4	Adjusted EAF 84.6 → 81.3	+10	3,058.3	9,247
+9	1,233.4	81.0	+9	2,752.5	9,324
+8	1,096.3	80.6	+8	2,446.6	9,400
+7	959.3	80.3	+7	2,140.8	9,477
+6	822.2	80.0	+6	1,835.0	9,553
+5	685.2	79.7	+5	1,529.2	9,630
+4	548.2	79.3	+4	1,223.3	9,706
+3	411.1	79.0	+3	917.5	9,783
+2	274.1	78.7	+2	611.7	9,859
+1	137.0	78.3	+1	305.8	9,936
					10,012
0	0.0	78.0	0	0.0	10,087
					10,162
-1	(194.8)	77.4	-1	(305.8)	10,239
-2	(389.7)	76.7	-2	(611.7)	10,315
-3	(584.5)	76.1	-3	(917.5)	10,392
-4	(779.3)	75.4	-4	(1,223.3)	10,468
-5	(974.2)	74.8 AHR POINTS -5.268 →	-5	(1,529.2) Adjusted ANOHR 10,565 →	10,545
-6	(1,169.0)	74.1	-6	(1,835.0)	10,621
-7	(1,363.8)	73.5	-7	(2,140.8)	10,698
-8	(1,558.6)	72.8	-8	(2,446.6)	10,774
-9	(1,753.5)	72.2	-9	(2,752.5)	10,851
-10	(1,948.3)	71.5	-10	(3,058.3)	10,927

Weighting Factor = 4.98%

Weighting Factor = 11.12%

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	TARGET TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD JAN 02 - DEC 02 POF	EUOF	EUOR	ACTUAL PERFORMANCE JAN 02 - DEC 02 POF	EUOF	EUOR
BIG BEND 1	5.32%	12.7%	3.8	16.8	17.5	4.3	24.9	26.1
BIG BEND 2	6.17%	14.7%	19.2	9.9	12.3	23.3	27.0	35.2
BIG BEND 3	5.82%	13.9%	15.3	29.6	35.0	16.2	30.6	36.5
BIG BEND 4	3.03%	7.2%	5.8	29.2	31.0	6.1	9.9	10.5
GANNON 5	6.19%	14.8%	15.3	0.0	0.0	20.8	18.2	23.0
GANNON 6	10.46%	24.9%	18.1	0.0	0.0	20.6	19.7	24.7
POLK 1	4.98%	11.9%	7.7	27.7	30.0	2.3	8.2	8.4
GPIF SYSTEM	**41.97%**	**100.0%**	**13.5**	**13.1**	**14.7**	**15.1**	**20.6**	**24.8**

GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%) 73.4 64.2

3 PERIOD AVERAGE POF	EUOF	EUOR	3 PERIOD AVERAGE EAF
9.3	**21.8**	**24.3**	**68.9**

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET HEAT RATE JAN 02 - DEC 02	ADJUSTED ACTUAL HEAT RATE JAN 02 - DEC 02
BIG BEND 1	11.35%	19.6%	10,111	10,519
BIG BEND 2	6.97%	12.0%	9,815	10,398
BIG BEND 3	9.96%	17.2%	10,036	10,275
BIG BEND 4	7.48%	12.9%	10,089	10,488
GANNON 5	4.28%	7.4%	10,716	11,202
GANNON 6	6.87%	11.8%	10,704	11,192
POLK 1	11.12%	19.2%	10,087	10,565
GPIF SYSTEM	**58.03%**	**100.0%**		

GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh) 10,170 10,598

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2002 - DECEMBER 2002

Points are calculated according to the formula:

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

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.

GPIP =	5.32%	*	(BB 1 EAP)	+	6.17%	*	(BB 2 EAP)	+	5.82%	*	(BB 3 EAP)
+	3.03%	*	(BB 4 EAP)	+	6.19%	*	(GN 5 EAP)	+	10.46%	*	(GN 6 EAP)
+	4.98%	*	(PK 1 EAP)	+	11.35%	*	(BB 1 AHRP)	+	6.97%	*	(BB 2 AHRP)
+	9.96%	*	(BB 3 AHRP)	+	7.48%	*	(BB 4 AHRP)	+	4.28%	*	(GN 5 AHRP)
+	6.87%	*	(GN 6 AHRP)	+	11.12%	*	(PK 1 AHRP)				

GPIP =	5.32%	*	-7.750	+	6.17%	*	-10.000	+	5.82%	*	-10.000
+	3.03%	*	6.538	+	6.19%	*	10.000	+	10.46%	*	-2.556
+	4.98%	*	10.000	+	11.35%	*	-5.957	+	6.97%	*	-10.000
+	9.96%	*	-2.966	+	7.48%	*	-10.000	+	4.28%	*	-6.661
+	6.87%	*	-7.792	+	11.12%	*	-5.268				

GPIP =	-0.412	+	-0.617	+	-0.582
+	0.198	+	0.619	+	-0.267
+	0.498	+	-0.676	+	-0.697
+	-0.295	+	-0.748	+	-0.285
+	-0.536	+	-0.586		

GPIP = -4.385 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 = ($2,496,021)

EXHIBIT NO. _____
DOCKET NO. 030001-EI
TAMPA ELECTRIC COMPANY
(WAS-1)
DOCUMENT NO. 2

EXHIBITS TO THE TESTIMONY OF

WILLIAM A. SMOTHERMAN

DOCKET NO. 030001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2002 - DECEMBER 2002

TRUE-UP

DOCUMENT NO. 2

ACTUAL UNIT PERFORMANCE DATA

TAMPA ELECTRIC COMPANY
ACTUAL UNIT PERFORMANCE DATA
JANUARY 2002 - DECEMBER 2002
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ORIGINAL SHEET NO. 8.401.02A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2002 - DECEMBER 2002

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 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. EAF (%)	71.8	46 7	78.0	76.7	69.1	63 8	80.9	58 4	84.3	69.2	64 7	82 1	70.7
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760.0
3. SH	577.0	359 6	634 9	647.5	603.3	561.7	674.8	512 6	720.0	628.2	552 8	744.0	7,216.4
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	167.0	312.5	109.1	71.5	140 7	158.3	69.3	231 4	0.0	116.8	167 2	0 0	1,543.6
6. POH	0.0	311.1	61 5	0.0	0.0	0.0	0.0	0 0	0.0	0.0	0 0	0 0	372 6
7. FOH	167.0	1 4	46.8	36.0	0.0	81.6	69 3	118 9	0.0	0.0	167 2	0 0	688.2
8. MOH	0.0	0.0	0.8	35.4	140 7	76 7	0.0	112.6	0.0	116.8	0 0	0.0	482.9
9. PFOH	349.7	226.0	455.1	471.0	496.8	129 5	622.8	434 5	655.8	578.3	516 7	732 9	5,669.2
10. LR PF (MW)	28.8	72 3	45.2	56.1	57.3	18.5	28.5	42 3	47.5	65.2	64 0	74.3	52.4
11. PMOH	44.3	15.9	13 5	59 8	41.0	172 4	51.3	57.8	63 5	38.4	13 7	10.8	582.4
12. LR PM (MW)	186.5	201.7	199.1	226.0	207.2	232.9	241.8	245.9	250.5	241.0	231 5	221.8	229 5
13. NSC (MW)	426	426	426	416	416	416	416	416	416	416	416	426	419
14. OPR BTU(GBTU)	1,927.5697	1,132 9977	2,253 3298	2,215.1259	1,992 5846	1,793.5948	2,365.3490	1,769 5521	2,550 3469	2,166.4589	1,850 9238	2,313.9816	24,331.8147
15. NET GEN (MWH)	179,770	105,397	210,314	195,388	185,181	164,010	218,014	156,729	225,793	189,295	172,711	223,156	2,225,758
16. ANOHR (BTU/KWH)	10,722	10,750	10,714	11,337	10,760	10,936	10,850	11,291	11,295	11,445	10,717	10,369	10,932
17. NOF (%)	73.1	68.8	77.8	72.5	73 8	70.2	77.7	73 5	75.4	72.4	75 1	70.4	73.6
18. NPC (MW)	426	426	426	416	416	416	416	416	416	416	416	426	419
19. ANOHR EQUATION	ANOHR = NOF(-12.328)+ 11,244												

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ORIGINAL SHEET NO. 8.401.02A
TAMPA ELECTRIC COMPANY

UNIT PERFORMANCE DATA w/o FGD

JANUARY 2002 - DECEMBER 2002

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 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. OPR BTU (GBTU)	1,927.6	1,133.0	2,253.3	2,215.1	1,992.6	1,793.6	2,365.3	1,769.6	2,550.3	2,166.5	1,850.9	2,314.0	24,331.8
2. NET GEN w/FGD (MWH)	179,770	105,397	210,314	195,388	185,181	164,010	218,014	156,729	225,793	189,295	172,711	223,156	2,225,758
3. FGD CONSUMED (MWH)	2,932.0	2,126.5	3,539.6	3,678.6	2,953.1	2,897.0	3,445.8	2,853.6	2,893.4	4,196.9	4,001.0	4,302.7	39,820.1
4. NET GEN w/o FGD (MWH)	182,702.4	107,523.3	213,853.6	199,066.4	188,134.0	166,906.5	221,460.1	159,582.8	228,686.6	193,491.7	176,712.4	227,458.5	2,265,578.4
5. ANOHR w/FGD (BTU/KWH)	10,722.4	10,749.8	10,714.1	11,337.1	10,760.2	10,935.9	10,849.5	11,290.5	11,295.1	11,444.9	10,716.9	10,369.4	10,932.0
6. ANOHR w/o FGD (BTU/KWH)	10,550.3	10,537.2	10,536.8	11,127.6	10,591.3	10,746.1	10,680.7	11,088.6	11,152.1	11,196.7	10,474.2	10,173.2	10,739.8
7. NOF w/FGD (%)	73.1	68.8	77.8	72.5	73.8	70.2	77.7	73.5	75.4	72.4	75.1	70.4	73.6
8. NOF w/o FGD (%)	73.5	69.4	78.1	73.0	74.1	70.6	78.0	74.0	75.4	73.2	75.9	70.9	74.0
9. NPC (MW) w/FGD	426	426	426	416	416	416	416	416	416	416	416	426	419
10. NPC (MW) w/o FGD	431	431	431	421	421	421	421	421	421	421	421	431	424

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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2002 - DECEMBER 2002

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 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. EAF (%)	84.4	39.0	60.3	37.9	86.0	69.2	67.1	73.2	59.9	0.0	0.0	16.4	49.6
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	675.2	276.4	558.7	305.1	744.0	682.3	587.8	671.1	589.4	0.0	0.0	193.5	5,283.4
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	68.8	395.6	185.3	413.9	0.0	37.7	156.2	72.9	130.6	745.0	720.0	550.5	3,476.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	745.0	720.0	550.5	2,038.5
7. FOH	0.0	251.5	43.5	413.9	0.0	37.7	0.0	72.9	107.6	0.0	0.0	0.0	927.2
8. MOH	68.8	144.1	141.8	0.0	0.0	0.0	156.2	0.0	0.0	0.0	0.0	0.0	510.9
9. PFOH	499.7	78.5	334.6	212.2	692.2	632.4	541.4	617.2	532.9	0.0	0.0	217.3	4,358.5
10. LR PF (MW)	14.9	42.3	135.2	57.8	50.6	106.8	53.9	67.5	99.0	0.0	0.0	140.2	74.6
11. PMOH	63.0	18.2	12.0	10.4	51.5	47.7	40.5	53.4	56.1	0.0	0.0	0.0	352.6
12. LR PM (MW)	199.5	153.0	124.4	133.4	163.7	187.8	190.0	205.6	233.6	0.0	0.0	0.0	191.1
13. NSC (MW)	426	426	426	416	416	416	416	416	416	416	416	426	419
14. OPR BTU(GBTU)	2,382.7082	928.2685	1,823.3343	1,093.3442	2,730.4471	2,104.2029	2,025.2097	2,362.5319	1,876.4185	0.0000	0.0000	517.2927	17,843.7581
15. NET GEN (MWH)	227,352	89,239	172,920	101,042	251,345	188,592	190,833	210,930	166,375	0	0	48,051	1,646,679
16. ANOHR (BTU/KWH)	10,480	10,402	10,544	10,821	10,863	11,157	10,612	11,201	11,278	N/A	N/A	10,765	10,836
17. NOF (%)	79.0	75.8	72.7	79.6	81.2	66.4	78.0	75.6	67.9	0.0	0.0	58.3	74.3
18. NPC (MW)	426	426	426	416	416	416	416	416	416	416	416	426	419
19. ANOHR EQUATION	ANOHR = NOF(-12.51) + 11,008												

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TAMPA ELECTRIC COMPANY

UNIT PERFORMANCE DATA w/o FGD

JANUARY 2002 - DECEMBER 2002

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 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. OPR BTU (GBTU)	2,382.7	928.3	1,823.3	1,093.3	2,730.4	2,104.2	2,025.2	2,362.5	1,876.4	0.0	0.0	517.3	17,843.8
2. NET GEN w/FGD (MWH)	227,352.2	89,238.8	172,920.2	101,041.6	251,344.6	188,592.1	190,832.7	210,930.3	166,375.1	0.0	0.0	48,051.1	1,646,678.8
3. FGD CONSUMED (MWH)	3,680.8	1,811.0	2,896.6	1,894.4	3,980.2	3,265.7	3,310.2	3,810.0	2,087.8	0.0	0.0	1,075.7	27,812.4
4. NET GEN w/o FGD (MWH)	231,033.1	91,049.8	175,816.8	102,936.0	255,324.8	191,857.8	194,142.9	214,740.3	168,463.0	0.0	0.0	49,126.8	1,674,491.2
5. ANOHR w/FGD (BTU/KWH)	10,480.2	10,402.1	10,544.4	10,820.7	10,863.4	11,157.4	10,612.5	11,200.5	11,278.2	N/A	N/A	10,765.5	10,836.0
6. ANOHR w/o FGD (BTU/KWH)	10,313.3	10,195.2	10,370.7	10,621.6	10,694.0	10,967.5	10,431.5	11,001.8	11,138.5	N/A	N/A	10,529.8	10,656.2
7. NOF w/FGD (%)	79.0	75.8	72.7	79.6	81.2	66.4	78.0	75.6	67.9	0.0	0.0	58.3	74.3
8. NOF w/o FGD (%)	79.4	76.4	73.0	80.1	81.5	66.8	78.5	76.0	67.9	0.0	0.0	58.9	74.7
9. NPC (MW) w/FGD	426	426	426	416	416	416	416	416	416	416	416	426	419
10. NPC (MW) w/o FGD	431	431	431	421	421	421	421	421	421	421	421	431	424

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BIG BEND 3	JAN 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. EAF (%)	59.6	81.3	3.2	1.6	32.5	51.1	40.0	55.5	71.4	89.8	71.5	82.9	53.2
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	579.8	606.4	24.0	16.8	518.4	421.1	356.8	455.3	625.7	741.4	585.9	744.0	5,675.5
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	164.3	65.6	720.0	702.2	225.6	298.9	387.3	288.8	94.3	3.6	134.2	0.0	3,084.5
6. POH	0.0	0.0	720.0	700.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,420.6
7. FOH	60.6	54.4	0.0	0.0	225.6	276.4	387.3	171.8	94.3	3.6	134.2	0.0	1,408.1
8. MOH	103.6	11.1	0.0	1.6	0.0	22.5	0.0	117.0	0.0	0.0	0.0	0.0	255.8
9. PFOH	550.4	517.8	24.0	12.0	577.5	302.3	313.5	373.5	548.0	654.3	562.7	716.2	5,152.2
10. LR PF (MW)	99.7	40.2	9.6	202.2	205.6	44.8	69.1	18.3	72.8	37.1	44.2	66.9	73.0
11. PMOH	18.7	31.7	0.0	0.0	9.3	42.2	20.5	71.7	35.6	33.2	22.7	32.2	317.7
12. LR PM (MW)	219.8	168.0	0.0	0.0	105.9	225.2	190.2	158.8	239.5	218.9	263.6	220.3	201.6
13. NSC (MW)	433	433	433	433	433	433	433	433	433	433	433	433	433
14. OPR BTU(GBTU)	1,725.7115	1,994.4522	71.2082	28.8088	1,741.2920	1,436.8077	1,188.8761	1,599.2665	2,088.4900	2,737.7655	2,068.3956	2,187.6122	18,868.6863
15. NET GEN (MWH)	160,327	189,583	7,905	2,533	164,896	137,274	112,095	147,523	194,783	251,708	190,457	217,841	1,776,925
16. ANOHR BTU/KWH	10,764	10,520	9,008	11,373	10,560	10,467	10,606	10,841	10,722	10,877	10,860	10,042	10,619
17. NOF (%)	63.9	72.2	76.0	34.9	73.5	75.3	72.6	74.8	71.9	78.4	75.1	67.6	72.3
18. NPC (MW)	433	433	433	433	433	433	433	433	433	433	433	433	433
19. ANOHR EQUATION	ANOHR = NOF(-57.476) + 14,536												

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BIG BEND 4	JAN 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. EAF (%)	90.1	95.3	97.8	96.5	90.8	90.8	89.3	87.2	22.6	77.3	82.1	87.4	84.0
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	682.3	653.1	744.0	719.0	744.0	720.0	742.1	744.0	182.2	706.5	628.0	705.0	7,970.2
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	61.8	18.9	0.0	0.0	0.0	0.0	1.9	0.0	537.8	38.5	92.0	39.0	789.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0 0	0.0	537.8	0.0	0.0	0.0	537.8
7. FOH	61.8	18.9	0.0	0.0	0.0	0.0	1.9	0.0	0.0	22.2	92.0	39.0	235.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	16.4
9. PFOH	161.9	194.3	80.5	175.0	346.2	248.7	546.1	682.8	102.1	304.8	526.8	704.5	4,073.7
10. LR PF (MW)	12.9	14.1	23.3	21.8	49.1	34.3	34.3	37.1	45.4	182.8	29.0	34.7	44.2
11. PMOH	13.4	10.9	31.1	36.0	69.9	81.8	60.5	59.3	15.1	15.7	4.6	0.0	398.4
12. LR PM (MW)	240.8	258.8	169.9	202.6	191.1	252.7	255.7	282.9	265.7	131.4	251.2	0.0	231.3
13. NSC (MW)	447	447	447	442	442	442	442	442	442	442	442	447	444
14. OPR BTU(GBTU)	2,533.1057	2,615.2941	3,011.1787	2,912.3374	2,760.3586	2,662.2062	2,737.2615	2,715.4427	666.5524	2,528.0773	2,376.6646	2,548.5879	30,067.0671
15. NET GEN (MWH)	246,026	253,321	292,678	275,996	258,891	254,361	258,189	248,022	55,348	227,995	226,376	249,537	2,846,741
16. ANOHR BTU/KWH	10,296	10,324	10,288	10,552	10,662	10,466	10,602	10,948	12,043	11,088	10,499	10,213	10,562
17. NOF (%)	80.7	86.8	88.0	86.8	78.7	79.9	78.7	75.4	68.7	73.0	81.6	79.2	80.5
18. NPC (MW)	447	447	447	442	442	442	442	442	442	442	442	447	444
19. ANOHR EQUATION	ANOHR = NOF(-33.833) + 12,887												

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GANNON 5	JAN 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. EAF (%)	57.0	31.1	0.0	1.7	77.1	81.5	74.1	95.4	71.6	67.0	85.7	86.2	61.0
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	477.2	245.2	0.0	12.4	583.9	594.3	556.2	744.0	555.7	518.9	691.5	703.1	5,682.4
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	266.8	426.8	744.0	706.6	160.1	125.7	187.8	0.0	164.3	226.1	28.5	40.9	3,077.7
6. POH	0.0	366.0	744.0	706.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,824.2
7. FOH	266.8	60.8	0.0	0.0	152.5	125.7	184.4	0.0	139.9	187.9	28.5	40.9	1,187.5
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	24.4	38.2	0.0	0.0	66.0
9. PFOH	255.3	211.3	0.0	0.0	16.3	9.0	41.4	55.0	385.6	244.7	265.3	265.4	1,749.3
10. LR PF (MW)	42.0	31.1	0.0	0.0	63.8	106.3	19.0	53.2	22.7	13.0	36.3	50.7	33.2
11. PMOH	19.8	11.5	0.0	0.0	8.5	5.3	2.1	34.6	0.0	7.9	59.3	0.0	149.1
12. LR PM (MW)	38.8	112.8	0.0	0.0	132.1	113.2	113.2	128.3	0.0	141.5	111.0	0.0	108.5
13. NSC (MW)	217	217	217	217	217	217	217	217	217	217	217	217	217
14. OPR BTU(GBTU)	829.9717	331.2911	0.0000	11.6093	1,062.8164	1,134.1916	1,102.9012	1,380.3824	1,068.0967	949.8616	1,155.5937	1,138.5127	10,165.2284
15. NET GEN (MWH)	72,050	34,488	0	573	99,739	110,417	94,688	122,031	89,300	83,099	102,738	99,138	908,261
16. ANOHR BTU/KWH	11,519	9,606	N/A	20,261	10,656	10,272	11,648	11,312	11,961	11,430	11,248	11,484	11,192
17. NOF (%)	69.6	64.8	0.0	21.4	78.7	85.6	78.5	75.6	74.1	73.8	68.5	65.0	73.7
18. NPC (MW)	217	217	217	217	217	217	217	217	217	217	217	217	217
19. ANOHR EQUATION	ANOHR = NOF(-4.3274) + 11,025												

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GANNON 6	JAN 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. EAF (%)	70.8	86.7	62.6	69.2	80.2	75.6	65.0	79.0	79.5	17.8	0.0	33.1	59.8
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760.0
3. SH	568.3	623.2	556.0	669.9	655.8	565.7	510.3	626.0	636.4	143.2	0.0	317.9	5,872.5
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	175.8	48.9	188.0	49.2	88.2	154.3	233.8	118.0	83.6	601.8	720.0	426.1	2,887.5
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103.0	0.0	601.8	720.0	378.7	1,803.5
7. FOH	0.0	48.9	188.0	49.2	88.2	57.6	71.6	15.0	83.6	0.0	0.0	47.4	649.4
8. MOH	175.8	0.0	0.0	0.0	0.0	96.8	162.2	0.0	0.0	0.0	0.0	0.0	434.7
9. PFOH	338.9	408.6	678.5	1025.7	559.3	71.1	130.3	113.6	425.9	125.3	0.0	196.2	4,073.5
10. LR PF (MW)	44.4	34.7	51.1	60.0	37.4	49.8	50.1	84.2	49.7	30.8	0.0	143.0	53.8
11. PMOH	6.6	8.6	3.9	13.4	4.9	23.4	19.3	23.1	13.4	0.0	0.0	0.0	116.6
12. LR PM (MW)	193.6	188.8	154.9	195.9	206.6	184.9	173.5	205.1	205.6	0.0	0.0	0.0	191.4
13. NSC (MW)	392	392	392	372	372	372	372	372	372	372	372	392	379
14. OPR BTU(GBTU)	1,664.2136	1,834.6835	1,722.4490	1,857.9248	2,061.8756	1,773.5777	1,757.1696	1,975.1797	1,945.9264	426.0286	0.0000	780.2115	17,799.2400
15. NET GEN (MWH)	153,653	169,401	153,458	165,068	189,537	171,501	154,914	179,658	178,356	39,227	0	57,508	1,612,283
16. ANOHR BTU/KWH	10,831	10,830	11,224	11,255	10,879	10,342	11,343	10,994	10,910	10,860	N/A	13,567	11,040
17. NOF (%)	69.0	69.3	70.4	66.2	77.7	81.5	81.6	77.1	75.3	73.6	0.0	46.2	72.5
18. NPC (MW)	392	392	392	372	372	372	372	372	372	372	372	392	379
19. ANOHR EQUATION	ANOHR = NOF(25.825) + 8,679.5												

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POLK 1	JAN 02	FEB 02	MAR 02	APR 02	MAY 02	JUN 02	JUL 02	AUG 02	SEP 02	OCT 02	NOV 02	DEC 02	2002
1. EAF (%)	84.3	80.6	98.4	96.1	66.6	91.2	87.7	94.4	89.7	96.4	97.5	91.1	89.5
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	721.8	566.8	666.3	679.2	469.2	716.6	691.2	696.7	637.1	746.1	707.4	603.0	7,901.3
4. RSH	-53.2	-25.2	66.7	16.1	264.5	-7.9	34.7	29.2	51.6	-1.7	5.6	83.2	463.6
5. UH	75.4	130.5	11.0	23.7	10.2	11.3	18.1	18.2	31.3	0.6	7.0	57.8	395.1
6. POH	0.0	0.0	0.0	0.0	199.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	199.1
7. FOH	75.4	3.8	11.0	23.7	10.2	11.3	5.5	8.3	23.7	0.6	5.7	7.3	186.6
8. MOH	0.0	126.7	0.0	0.0	0.0	0.0	12.6	9.9	7.7	0.0	1.3	50.5	208.5
9. PFOH	225.6	0.0	11.0	47.3	350.2	571.5	578.6	656.3	515.7	731.2	361.0	75.0	4,123.4
10. LR PF (MW)	20.3	0.0	2.4	23.8	27.8	22.8	31.6	8.9	20.7	9.1	7.6	26.9	18.1
11. PMOH	1,086.3	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,097.9
12. LR PM (MW)	5.3	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
13. NSC (MW) **	250	250	250	250	250	250	250	250	250	250	250	250	250
14. OPR BTU(GBTU)	1,703.4969	1,349.8490	1,413.5952	1,464.8225	1,045.0853	1,731.7257	1,607.0607	1,664.1672	1,441.5762	1,821.5342	1,715.0418	1,408.2083	18,366.1629
15. NET GEN (MWH)	162,073	130,652	137,706	143,684	95,319	151,115	140,667	154,583	132,143	174,042	160,992	129,448	1,712,425
16. ANOHR BTU/KWH	10,511	10,332	10,265	10,195	10,964	11,460	11,425	10,766	10,909	10,466	10,653	10,879	10,725
17. NOF (%)	89.9	92.3	83.2	87.2	82.2	85.1	82.2	89.2	83.8	93.4	91.4	86.0	87.4
18. NPC (MW) **	250	250	250	250	250	250	250	250	250	250	250	250	250
19. ANOHR EQUATION	ANOHR = NOF(-14.839) + 11,544												

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