ORIGINAL

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TAMPA ELECTRIC

TAMPA ELECTRIC COMPANY

BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 000007-EI

TESTIMONY
AND EXHIBIT OF

KAREN O. ZWOLAK

BEFORE THE PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

KAREN O. ZWOLAK

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

A. My name is Karen O. Zwolak. My business address is 702 North Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") in the position of Manager, Energy Issues in the Electric Regulatory Affairs Department.

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

A. I received a Bachelor of Arts in Microbiology in 1977 and a Bachelor of Science in Chemical Engineering in 1985 from the University of South Florida. I began my engineering career in 1986 at the Florida Department of Environmental Regulation and was employed as a Permitting Engineer in the Industrial Wastewater Program. In 1990 I joined Tampa Electric as an engineer in the Environmental Planning Department and was responsible for permitting and compliance issues relating to wastewater treatment and disposal. In 1995 I transferred to Tampa Electric's Energy Supply Department and assumed the duties of the plant chemical engineer at the F. J. Gannon Station. In 1997 I was promoted to Manager, Energy Issues in the Electric Regulatory Affairs Department. My present responsibilities include the areas of environmental cost recovery filings and energy issues.

Q. Have you previously testified before the Florida Public Service Commission ("Commission")?

A. Yes, I have provided testimony regarding environmental projects and their associated environmental requirements in Environmental Cost Recovery Clause ("ECRC") proceedings before this Commission.

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to present, for Commission review and approval, both the calculation of the revenue requirements and the projected ECRC factors for the billing period January 2001 through December 2001. My testimony addresses the recovery of capital and operating and maintenance ("O&M") costs associated with environmental compliance activities for the year 2001 and provides an overview of the actual compared to estimated costs for projects included in the January 2000 through December 2000 period, as filed in Exhibit ___ (KOZ-1) on August 18, 2000.

Q. Have you prepared an exhibit that shows the determination of recoverable environmental costs for the period of January 1, 2000 through December 31, 2000?

A. Yes. Exhibit No. ___ (KOZ-2), containing one document, was prepared under my direction and supervision. It includes Forms 42-1P through 42-7P that show the calculation of and summarize the capital and O&M costs and develop the environmental cost recovery factors for 2001 that are being proposed for recovery.

Q. What has Tampa Electric calculated as the total true-up to be applied in the period January 2001 through December 2001?

A. The total true-up applicable for this period is an under-recovery of $1,388,553. This consists of the final true-up over-recovery of $274,104 for the period from January 1999 through December 1999 and an estimated true-up of $1,662,657 under-recovery for the current period, January

2000 through December 2000. A detailed calculation supporting the estimated true-up was provided on Forms 42-1E through 42-8E of Exhibit No. ___ (KOZ-1) filed with the Commission on August 18, 2000.

Q. Is Tampa Electric proposing any new environmental compliance projects for ECRC cost recovery for the period from January 2000 through December 2000?

A. Yes. Tampa Electric is seeking recovery for capital and O&M costs associated with three new environmental activities; the Big Bend Flue Gas Desulfurization ("FGD") Optimization and Utilization Program, the Big Bend Particulate Matter ("PM") Minimization and Monitoring Program, and the Big Bend Nitrogen Oxide ("NO_x") Reduction Program.

On June 2, 2000 Tampa Electric filed a petition for cost recovery approval for the Big Bend FGD Optimization and Utilization Program. Docket No. 000685-EI was established to review this request and was approved by the Commission at the September 5, 2000 Agenda Conference. The final order is expected to be issued September 25, 2000.

On August 18, 2000 the company, in Docket No. 001186-EI, petitioned the Commission to approve for cost recovery through the ECRC two additional environmental compliance programs. They are the Big Bend PM Minimization and Monitoring Program and the Big Bend NO_x Reduction Program. The Commission Staff recommendation on these projects is due October 26, 2000 and it is scheduled to be heard by the Commission at its November 7, 2000 Agenda Conference. The final order is scheduled to be issued November 27, 2000.

Tampa Electric has included the actual/estimated costs associated with these programs in the re-projection filing for the current period, January 2000 through December 2000. The capital and O&M costs for these projects are summarized on Forms 42-5E and 42-7E of Exhibit ___ (KOZ-2). The costs projected for January 2001 through December 2001 for these activities are summarized on Forms 42-3P and 42-4P.

Q. How did the actual/estimated project expenditures for January 2000 through December 2000 period compare with original projections?

A. As shown on Form 42-6E of my Exhibit No. ___(KOZ-2), total recoverable capital costs were $305,792 or 1.9% less than originally projected.

Q. Please explain variances, by project, in excess of five percent of recoverable costs to those originally projected as shown on Form 42-6E.

A. Only one capital project, the Big Bend Section 114 Mercury Testing Platform, resulted in a variance in excess of 5 percent. The recoverable costs incurred in 2000 for the construction of the testing platform are estimated to be $1,567 or 10.8% greater than originally estimated. This project was expected to be completed in December 1999 but it was not completed until early 2000. This resulted in costs which had been expected to be incurred in 1999 to be deferred to early 2000, resulting in the project being under-budget by $1,405 in 1999 and over-budget in 2000 by $1,567.

Q. Please describe the variances of actual O & M expenses for January 2000 through December 2000 compared with the original projections?

A. As shown on Form 42-4E of my Exhibit No. ___(KOZ-2), total recoverable O & M costs were $350,180 or 7.1% greater than originally projected.

Q. Please explain all variances, by project, in excess of five percent of recoverable costs to those originally projected as shown on Form 42-4E.

A. There are five projects with variances exceeding 5 percent when comparing actual/estimated to originally projected O&M costs.

- The Big Bend FGD Integration expenses are estimated to be $927,987 or 44.7% less than originally projected in 2000. This variance resulted primarily from the Big Bend Unit 3 outage in March and April of 2000 in which there were no consumables such as limestone and dibasic acid used.
- The O&M expenses estimated to be incurred in 2000 for the Big Bend Units 1 and 2 Flue Gas Conditioning are $3,006 or 16.7% greater than originally projected. This variance resulted primarily from the start-up and check out activities associated with the Big Bend Units 1 and 2 FGD system. When the units were not scrubbed, lower sulfur coal was burned, necessitating additional flue gas conditioning costs.

- The net O&M expenses estimated to be incurred in 2000 for SO_2 allowances are $1,346,735 or 188.6% greater than originally projected. Tampa Electric had projected that SO_2 allowance revenues associated with wholesale sales would be credited to and exceed retail SO_2 allowance costs resulting in a reduction to overall O&M expenses. Specifically, Tampa Electric had projected a $2.1 million credit from SO_2 allowance revenues associated with its wholesale sale to the Florida Municipal Power Association ("FMPA") and another $100,000 credit associated with SO_2 revenues from economy sales. Based upon the 2000 ECRC true-up filing, FMPA SO_2 revenues are expected to be about $630,000 and there are not expected to be any revenue credits from economy SO_2 revenues. The SO_2 revenues from wholesale sales are expected to be lower for several reasons including:
  - Economy (Schedule C and X) sales are no longer made,
  - SO_2 allowance costs associated with wholesale sales were originally projected to be over $200/ton. They are now estimated to be $135/ton, and
  - The FMPA sale was modeled assuming that FMPA took energy at 100% capacity factor, however actual data indicates that it has been less during 2000.

- The O&M expenses estimated to be incurred in 2000 for the Section 114 Mercury testing are $7,453 or 58.1% less than originally estimated due to lower than expected laboratory expenses.
- The O&M expenses estimated to be incurred in 2000 for the National Pollutant Discharge Elimination System ("NPDES") Annual Surveillance Fees is $9,200 or 19% less than originally projected. Tampa Electric estimated the original costs assuming all of the company's generating stations would need final NPDES permits. The DEP, which has been delegated authority for the EPA NPDES *program*, has not issued the permits for Gannon Station. Therefore, the NPDES permit fee for this Station has not been assessed.

Q. Besides the three new environmental programs described above, are any other capital project costs included in the calculation of the environmental factors for 2001?

A. Yes. In addition to the Big Bend FGD Optimization and Utilization Program, the Big Bend PM Minimization and Monitoring Program, and the Big Bend NO_x Emissions Reduction Program, Tampa Electric proposes continued recovery for 16 previously approved capital projects.

These projects include Big Bend Unit 3 FGD Integration, Big Bend Units 1 and 2 Flue Gas Conditioning, Big Bend Unit 4 Continuous Emissions Monitors, Gannon Unit 5 Classifier Replacement, Gannon Unit 6 Classifier Replacement, Big Bend Unit 1 Classifier Replacement, Big Bend Unit 2 Classifier Replacement, Gannon Coal Crusher, Big Bend Units 1 and 2 FGD System, Big Bend Mercury Testing Platform, Gannon Ignition Oil Tank, Big Bend Fuel Oil Tank No. 1 Upgrade, Big Bend Fuel Oil Tank No. 2 Upgrade, Phillips Tank No. 1 Upgrade and Phillips Tank No. 4 Upgrade.

Q. Have you prepared schedules showing the calculation of the recoverable capital project costs for 2001?

A. Yes. Form 42-3P contained in my exhibit summarizes all the cost estimates projected for these projects. Form 42-4P pages 1 through 18, which were prepared under my direction and supervision, show the calculations of these costs that result in recoverable jurisdictional capital costs of $18,232,595.

Q. Tampa Electric was allowed recovery of the Gannon Units 5 and 6 Classifier Replacements and the Gannon Station Coal Crusher in prior ECRC proceedings. Will Tampa Electric continue to recover costs for this equipment once Gannon Station is repowered?

A. Tampa Electric plans to retire the Gannon Unit 5 Classifier Replacement upon the repowering Gannon Unit 5 and the Gannon Unit 6 Classifier and Gannon Station Coal Crusher upon the repowering of Gannon Unit 6. In order to accomplish this, Tampa Electric will fully recover the remaining book value of these assets through December 31, 2004.

Q. Are any other O&M project costs included in the calculation of the environmental factors for 2001?

A. Yes. In addition to the three new programs described above, Tampa Electric proposes continued recovery for O&M costs associated with five previously approved projects. These projects include Big Bend Unit 3 FGD Integration, Big Bend 1 and 2 Flue Gas Conditioning, Big Bend Units 1 and 2 FGD System, SO_2 Emission Allowances, and NPDES Permit Fees.

Q. Have you prepared schedules showing the calculation of the recoverable O&M project costs for 2001?

A. Yes. Form 42-2P contained in my exhibit summarizes the recoverable jurisdictional O&M costs for these projects. It is estimated to be $7,412,376 in 2001.

Q. Do you have a schedule providing the description and progress reports for all environmental compliance activities and projects?

A. Yes. Project descriptions, as well as the projected recoverable cost estimates, are provided in Form 42-5P, pages 1 through 20.

Q. What are the total projected jurisdictional costs estimated for environmental compliance in the year 2001?

A. The total jurisdictional O&M and capital costs to be recovered through the ECRC calculated on Form 42-1P are $25,644,971.

Q. How were environmental cost recovery factors calculated?

A. The environmental cost recovery factors were calculated as shown on Schedules 42-6P and 42-7P. The demand allocation factors are calculated by determining the percentage each rate class contributes to the monthly system peaks. This information was obtained from Tampa Electric's 1999 load data study. The energy allocation factors are determined by calculating the percentage that each rate class contributes to total kilowatt hour ("kWh") sales adjusted for losses for each rate class. Form 42-7P presents the calculation of the proposed ECRC factors by rate class.

Q. What are the ECRC billing factor rates for which Tampa Electric is seeking approved new factors?

A. The computation of the billing factors is shown on Form 42-7P of my exhibit. In summary, the ECRC billing factors are:

Rate Class	Factor (¢/kWh)
RS, RST	0.159
GS, GST, TS	0.159
GSD, GSDT	0.158
GSLD, GSLDT, SBF	0.157
IS1, IST1, SBI1, SBIT1, IS3, IST3, SBI3, SBIT3	0.153
SL, OL	0.157
Average Factor	0.158

Q. When does Tampa Electric propose to collect these environmental cost recovery charges?

A. The environmental cost recovery charge will go into effect concurrent with the first billing cycle in January 2001.

Q. Are the costs Tampa Electric is requesting for recovery through the ECRC for the period January 2001 through December 2001 consistent with criteria established for ECRC recovery in Order No. PSC-94-0044-FOF-EI?

A. Yes, they are. The costs for which ECRC cost recovery is requested meets the following criteria:

1. Such costs were prudently incurred after April 13, 1993;

2. The activities are legally required to comply with a governmentally imposed environmental regulation enacted, became effective or whose effect was triggered after the company's last test year upon which rates are based; and

3. Such costs are not recovered through some other cost recovery mechanism or through base rates.

Q. Please summarize your testimony.

A. My testimony supports the approval of a final average environmental factor of 0.158 cents per kWh which includes projected capital and O&M revenue requirements of $27,052,988 associated with a total of 20 environmental projects. It includes a true-up provision of $1,388,553 to be collected from January 1, 2001 through December 31, 2001. My testimony also demonstrates that the projected environmental expenditures for 2001 are appropriate for recovery through the ECRC.

Q. Does this conclude your testimony?

A. Yes, it does.

ENVIRONMENTAL COST RECOVERY

COMMISSION FORMS

42-1P THROUGH 42-7P

JANUARY 2001

THROUGH

DECEMBER 2001

ENVIRONMENTAL COST RECOVERY COMMISSION FORMS

42-1P THOUGH 42-7P

JANUARY 2001 THROUGH DECEMBER 2001

INDEX

Form 42 - 1P

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Total Jurisdictional Amount to Be Recovered

For the Projected Period
January 2001 to December 2001

Line No.		Energy ($)	Demand ($)	Total ($)
	1. Total Jurisdictional Revenue Requirements for the projected period			
	a. Projected O&M Activities (Form 42-2P, Lines 7, 8 & 9)	$7,366,135	$46,241	$7,412,376
	b. Projected Capital Projects (Form 42-3P, Lines 7, 8 & 9)	18,001,258	231,337	18,232,595
	c. Total Jurisdictional Revenue Requirements for the projected period (Lines 1a + 1b)	25,367,393	277,578	25,644,971
	2. True-up for Estimated Over/(Under) Recovery for the current period January 2000 December 2000 (Form 42-2E, Line 5 + 6 + 10)	(1,642,080)	(20,577)	(1,662,657)
	3. Final True-up for the period January 1999 to December 1999 (Form 42-1A, Line 3) (Approved in Order No. PSC-xx-xxxx-FOF-EI)	264,737	9,367	274,104
	4. Total Jurisdictional Amount to Be Recovered/(Refunded) in the projection period January 2000 to December 2000 (Line 1 - Line 2- Line 3)	26,744,736	288,788	27,033,524
	5. Total Projected Jurisdictional Amount Adjusted for Taxes (Line 4 x Revenue Tax Multiplier)	$26,763,992	$288,996	$27,052,988

Notes:
Allocation to energy and demand in each period are in proportion to the respective period split of costs indicated on Lines 7 and 8 of Forms 42-5 and 42-7 of the estimates and actuals.

EXHIBIT NO.______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 1 OF 1
FORM 42-1P
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Form 42-2P

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2001 to December 2001

O & M Activities
(in Dollars)

Line	Projected Jan-01	Projected Feb-01	Projected Mar-01	Projected Apr-01	Projected May-01	Projected Jun-01	Projected Jul-01	Projected Aug-01	Projected Sep-01	Projected Oct-01	Projected Nov-01	Projected Dec-01	End of Period Total	Method of Classification Demand	Method of Classification Energy
1. Description of O&M Activities															
Section (1) AIR QUALITY															
1a Big Bend Unit 3 FGD Integration	$151,809	$163,657	$200,444	$174,237	$177,246	$172,425	$162,775	$168,460	$160,866	$156,131	$62,786	$145,286	$1,896,122		$1,896,122
1b Big Bend Units 1 and 2 Flue Gas Conditio	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,833	1,833	22,000		22,000
1c SO2 Emissions Allowances	37,783	46,930	75,485	97,050	81,618	26,992	11,812	63,929	76,323	80,699	81,130	92,202	771,953		771,953
1d Big Bend Units 1 & 2 Scrubber	276,143	253,139	249,183	259,159	320,462	343,227	340,016	344,929	343,451	334,103	337,539	331,903	$3,733,254		3,733,254
1d Big Bend FGD Optimization & Utilization	380	20,380	50,380	315,190	677,000						41,000		$1,104,330		1,104,330
1e Big Bend PM Minimization & Monitoring	10,000	10,000	60,000	35,000									$115,000		115,000
1f Big Bend NOx Emissions Reduction				10,000	10,000	10,000	10,000	10,000					$50,000		50,000
(2) LAND															
(3) WATER															
3a NPDES Annual Surveillance fees	50,600	0	0	0	0	0	0	0	0	0	0	0	50,600	50,600	
2. Total of O&M Activities	528,548	495,939	637,326	892,469	1,268,159	554,477	526,436	589,151	582,473	572,766	524,288	571,224	7,743,259	50,600	7,692,659
3. Recoverable Costs Allocated to Energy	477,948	495,939	637,326	892,469	1,268,159	554,477	526,436	589,151	582,473	572,766	524,288	571,224	7,692,659		
4. Recoverable Costs Allocated to Demand	50,600	0	0	0	0	0	0	0	0	0	0	0	50,600		
5. Retail Energy Jurisdictional Factor	0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423			
6. Retail Demand Jurisdictional Factor	0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745			
7. Jurisdictional Energy Recoverable Costs (A)	465,473	486,324	615,389	853,364	1,201,031	521,457	492,657	553,104	560,561	552,384	508,223	556,168	7,366,135		
8. Jurisdictional Demand Recoverable Costs (B)	46,241	0	0	0	0	0	0	0	0	0	0	0	46,241		
9. Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)	$511,714	$486,324	$615,389	$853,364	$1,201,031	$521,457	$492,657	$553,104	$560,561	$552,384	$508,223	$556,168	$7,412,376		

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 1 OF 1
FORM 42-2P
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Form 42-3P

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2001 to December 2001

Capital Investment Projects-Recoverable Costs
(in Dollars)

Line

1. Description of Investment Projects (A) Section (1) AIR	Projected Jan-01	Projected Feb-01	Projected Feb-01	Projected Apr-01	Projected May-01	Projected Jun-01	Projected Jul-01	Projected Aug-01	Projected Sep-01	Projected Oct-01	Projected Nov-01	Projected Dec-01	End of Period Total	Method of Classification Demand	Method of Classification Energy
1a Big Bend Unit 3 FFGD Integration	$87,396	$87,203	$87,010	$86,816	$86,623	$86,430	$86,237	$86,043	$85,850	$85,657	$85,464	$85,271	$1,036,000		$1,036,000
1b Big Bend Units 1 and 2 Flue Gas Conditioning	52,369	52,231	52,092	51,955	51,816	51,678	51,539	51,402	51,263	51,125	50,986	50,849	619,305		619,305
1c Big Bend Unit 4 Continuous Emissions Monitors	8,942	8,923	8,904	8,885	8,866	8,848	8,828	8,810	8,791	8,771	8,753	8,734	106,055		106,055
1d Big Bend Unit 1 Classifier Replacement	15,746	15,709	15,671	15,634	15,597	15,559	15,521	15,484	15,447	15,410	15,373	15,335	186,486		186,486
1e Big Bend 2 Classifier Replacement	11,511	11,485	11,458	11,432	11,407	11,380	11,354	11,328	11,301	11,275	11,248	11,222	136,401		136,401
1f Gannon Unit 5 Classifier Replacements	36,168	35,927	35,687	35,447	35,207	34,967	34,726	34,486	34,246	34,006	33,766	33,526	418,159		418,159
1g Gannon Unit 6 Classifier Replacements	40,895	40,623	40,352	40,080	39,809	39,537	39,265	38,993	38,722	38,451	38,179	37,907	472,813		472,813
1h Gannon Coal Crusher (NOx Control)	149,551	148,557	147,564	146,571	145,578	144,584	143,590	142,598	141,604	140,611	139,617	138,625	1,729,050		1,729,050
1i Big Bend Units 1 & 2 Scrubber	1,076,273	1,073,296	1,070,320	1,067,344	1,064,368	1,061,392	1,058,415	1,055,439	1,052,463	1,049,487	1,046,511	1,043,534	12,718,842		12,718,842
1j Section 114 Mercury Testing Platform	1,356	1,355	1,352	1,351	1,349	1,347	1,345	1,342	1,341	1,338	1,337	1,334	16,147		16,147
1k FGD Optimization and Utilization	37,917	42,081	50,069	67,262	91,567	106,846	109,509	110,457	113,398	117,245	121,203	135,816	1,103,370		1,103,370
1l Big Bend PM Minimizaton and Monitoring	2,269	2,735	3,773	6,116	8,437	9,440	9,542	10,075	11,657	12,855	12,975	13,029	102,903		102,903
1l Big Bend NOx Emissions Reduction	2,246	3,372	5,376	8,039	8,922	11,275	13,609	13,778	14,229	15,186	15,898	15,273	127,203		127,203
(2) LAND															
2a Gannon Ignition Oil Tank	4,432	4,413	4,394	4,375	4,356	4,337	4,318	4,299	4,279	4,261	4,241	4,222	51,927	51,927	
2b Big Bend Fuel Oil Tank #1 Upgrade	5,715	5,704	5,693	5,682	5,670	5,659	5,648	5,637	5,625	5,613	5,603	5,591	67,840	67,840	
2c Big Bend Fuel Oil Tank #2 Upgrade	9,400	9,382	9,363	9,345	9,326	9,308	9,289	9,271	9,252	9,234	9,215	9,197	111,582	111,582	
2d Phillips Upgrade Tank #1 for FDEP	709	707	705	703	701	699	697	695	693	691	690	687	8,377	8,377	
2e Phillips Upgrade Tank #4 for FDEP	1,117	1,114	1,111	1,108	1,105	1,102	1,098	1,096	1,093	1,089	1,086	1,084	13,203	13,203	
2. Total Investment Projects - Recoverable Costs	1,544,012	1,544,817	1,550,894	1,568,145	1,590,704	1,604,388	1,604,530	1,601,233	1,601,254	1,602,305	1,602,145	1,611,236	19,025,663	252,929	18,772,734
3. Recoverable Costs Allocated to Energy	1,522,639	1,523,497	1,529,628	1,546,932	1,569,546	1,583,283	1,583,480	1,580,235	1,580,312	1,581,417	1,581,310	1,590,455	18,772,734		
4. Recoverable Costs Allocated to Demand	21,373	21,320	21,266	21,213	21,158	21,105	21,050	20,998	20,942	20,888	20,835	20,781	252,929		
5. Retail Energy Jurisdictional Factor	0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423			
6. Retail Demand Jurisdictional Factor	0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745			
7. Jurisdictional Energy Recoverable Costs (B)	1,482,895	1,493,961	1,476,977	1,479,151	1,486,464	1,488,995	1,481,875	1,483,549	1,520,862	1,525,142	1,532,854	1,548,534	18,001,258		
8. Jurisdictional Demand Recoverable Costs (C)	19,532	19,491	19,250	19,319	19,356	19,291	19,256	19,197	19,498	19,248	19,011	18,887	231,337		
9. Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	$1,502,427	$1,513,452	$1,496,227	$1,498,470	$1,505,820	$1,508,286	$1,501,131	$1,502,746	$1,540,360	$1,544,390	$1,551,865	$1,567,422	$18,232,595		

(A) Each project's Total System Recoverable Expenses on Form 42-4P, Line 9
Notes:
(B) Line 3 x Line 5
(C) Line 4 x Line 6

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 1 OF 1
FORM 42-3P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 3 Flue Gas Desulfurization Integration
(in Dollars)

Line	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1 *Investments*														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base	$8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	8,239,658	
3 Less: Accumulated Depreciation	($1,274,961)	(1,294,874)	(1,314,787)	(1,334,700)	(1,354,613)	(1,374,526)	(1,394,439)	(1,414,352)	(1,434,265)	(1,454,178)	(1,474,091)	(1,494,004)	(1,513,917)	
4 CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 + 3 + 4)	$6,964,697	6,944,784	6,924,871	6,904,958	6,885,045	6,865,132	6,845,219	6,825,306	6,805,393	6,785,480	6,765,567	6,745,654	6,725,741	
6 Average Net Investment		6,954,741	6,934,828	6,914,915	6,895,002	6,875,089	6,855,176	6,835,263	6,815,350	6,795,437	6,775,524	6,755,611	6,735,698	
7 Return on Average Net Investment														
a. *Equity Component* Grossed Up For Taxes (A)		51,139	50,993	50,847	50,700	50,554	50,407	50,261	50,114	49,968	49,822	49,675	49,529	$604,009
b. Debt Component (Line 6 x 2.82% x 1/12)		16,344	16,297	16,250	16,203	16,156	16,110	16,063	16,016	15,969	15,922	15,876	15,829	193,035
8 Investment Expenses														
a. Depreciation		19,913	19,913	19,913	19,913	19,913	19,913	19,913	19,913	19,913	19,913	19,913	19,913	238,956
b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d. *Property Taxes*		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8)		87,396	87,203	87,010	86,816	86,623	86,430	86,237	86,043	85,850	85,657	85,464	85,271	1,036,000
a. Recoverable Costs Allocated to Energy		87,396	87,203	87,010	86,816	86,623	86,430	86,237	86,043	85,850	85,657	85,464	85,271	1,036,000
b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10 *Energy Jurisdictional Factor*		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11 Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12 Retail Energy-Related Recoverable Costs (B)		85,115	85,512	84,015	83,012	82,038	81,283	80,704	80,778	82,620	82,609	82,845	83,023	993,554
13 Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$85,115	$85,512	$84,015	$83,012	$82,038	$81,283	$80,704	$80,778	$82,620	$82,609	$82,845	$83,023	$993,554

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ___
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPA
(KOZ-2)
DOCUMENT NO. 1
PAGE 1 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 200

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Units 1 & 2 Flue Gas Conditioning
(in Dollars)

Line	Description	Beginning of of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sept 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	5,017,734	
3	Less: Accumulated Depreciation	($1,081,574)	(1,095,819)	(1,110,064)	(1,124,309)	(1,138,554)	(1,152,799)	(1,167,044)	(1,181,289)	(1,195,534)	(1,209,779)	(1,224,024)	(1,238,269)	(1,252,514)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	*Net Investment* (Lines 2 + 3 + 4)	$3,936,160	3,921,915	3,907,670	3,893,425	3,879,180	3,864,935	3,850,690	3,836,445	3,822,200	3,807,955	3,793,710	3,779,465	3,765,220	
6	Average Net Investment		3,929,038	3,914,793	3,900,548	3,886,303	3,872,058	3,857,813	3,843,568	3,829,323	3,815,078	3,800,833	3,786,588	3,772,343	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		28,891	28,786	28,681	28,577	28,472	28,367	28,262	28,158	28,053	27,948	27,843	27,739	$339,777
	b. Debt Component (Line 6 x 2.82% x 1/12)		9,233	9,200	9,166	9,133	9,099	9,066	9,032	8,999	8,965	8,932	8,898	8,865	108,588
8	*Investment* Expenses														
	a. Depreciation		14,245	14,245	14,245	14,245	14,245	14,245	14,245	14,245	14,245	14,245	14,245	14,245	170,940
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		52,369	52,231	52,092	51,955	51,816	51,678	51,539	51,402	51,263	51,125	50,986	50,849	619,305
	a. *Recoverable Costs Allocated to Energy*		52,369	52,231	52,092	51,955	51,816	51,678	51,539	51,402	51,263	51,125	50,986	50,849	619,305
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		51,002	51,218	50,299	49,679	49,073	48,600	48,232	48,257	49,335	49,306	49,424	49,509	593,934
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	*Total Jurisdictional Recoverable Costs* (Lines 12 + 1		$51,002	$51,218	$50,299	$49,679	$49,073	$48,600	$48,232	$48,257	$49,335	$49,306	$49,424	$49,509	$593,934

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% *and weighted income tax rate of 38.575%* (expansion factor of 1.628002):
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO.________
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 2 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 Continuous Emissions Monitors
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$866,211	866,211	866,211	866,211	866,211	866,211	866,211	866,211	866,211	866,211	866,211	866,211	866,211	
3	Less: *Accumulated Depreciation*	($144,557)	(146,506)	(148,455)	(150,404)	(152,353)	(154,302)	(156,251)	(158,200)	(160,149)	(162,098)	(164,047)	(165,996)	(167,945)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	$721,654	719,705	717,756	715,807	713,858	711,909	709,960	708,011	706,062	704,113	702,164	700,215	698,266	
6	Average Net Investment		720,680	718,731	716,782	714,833	712,884	710,935	708,986	707,037	705,088	703,139	701,190	699,241	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		5,299	5,285	5,271	5,256	5,242	5,228	5,213	5,199	5,185	5,170	5,156	5,142	$62,646
	b. Debt Component (Line 6 x 2.82% x 1/12)		1,694	1,689	1,684	1,680	1,675	1,671	1,666	1,662	1,657	1,652	1,648	1,643	20,021
8	Investment Expenses														
	a. Depreciation		1,949	1,949	1,949	1,949	1,949	1,949	1,949	1,949	1,949	1,949	1,949	1,949	23,388
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	*Total System Recoverable Expenses* (Lines 7 + 8)		8,942	8,923	8,904	8,885	8,866	8,848	8,828	8,810	8,791	8,771	8,753	8,734	106,055
	a. Recoverable Costs Allocated to Energy		8,942	8,923	8,904	8,885	8,866	8,848	8,828	8,810	8,791	8,771	8,753	8,734	106,055
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		8,709	8,750	8,598	8,496	8,397	8,321	8,262	8,271	8,460	8,459	8,485	8,504	101,712
13	*Retail Demand-Related Recoverable Costs* (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$8,709	$8,750	$8,598	$8,496	$8,397	$8,321	$8,262	$8,271	$8,460	$8,459	$8,485	$8,504	$101,712

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 3 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 Classifier Replacement
(in Dollars)

Line Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Nov 01	End of Period Total
1 Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base	$1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	1,316,257	
3 Less: Accumulated Depreciation	($87,272)	(91,111)	(94,950)	(98,789)	(102,628)	(106,467)	(110,306)	(114,145)	(117,984)	(121,823)	(125,662)	(129,501)	(133,340)	
4 CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 + 3 + 4)	$1,228,985	1,225,146	1,221,307	1,217,468	1,213,629	1,209,790	1,205,951	1,202,112	1,198,273	1,194,434	1,190,595	1,186,756	1,182,917	
6 Average Net Investment		1,227,065	1,223,226	1,219,387	1,215,548	1,211,709	1,207,870	1,204,031	1,200,192	1,196,353	1,192,514	1,188,675	1,184,836	
7 Return on Average Net Investment														
a. Equity Component Grossed Up For Taxes (A)		9,023	8,995	8,966	8,938	8,910	8,882	8,853	8,825	8,797	8,769	8,741	8,712	$106,411
b. Debt Component (Line 6 x 2.82% x 1/12)		2,884	2,875	2,866	2,857	2,848	2,838	2,829	2,820	2,811	2,802	2,793	2,784	34,007
8 Investment Expenses														
a. Depreciation		3,839	3,839	3,839	3,839	3,839	3,839	3,839	3,839	3,839	3,839	3,839	3,839	46,068
b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8)		15,746	15,709	15,671	15,634	15,597	15,559	15,521	15,484	15,447	15,410	15,373	15,335	186,486
a. Recoverable Costs Allocated to Energy		15,746	15,709	15,671	15,634	15,597	15,559	15,521	15,484	15,447	15,410	15,373	15,335	186,486
b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10 Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11 Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12 Retail Energy-Related Recoverable Costs (B)		15,335	15,404	15,132	14,949	14,771	14,632	14,525	14,537	14,866	14,862	14,902	14,931	178,846
13 Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$15,335	$15,404	$15,132	$14,949	$14,771	$14,632	$14,525	$14,537	$14,866	$14,862	$14,902	$14,931	$178,846

Notes:
(A) Lines 6 x 8.8236% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
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TAMPA ELECTRIC COMPAN
(KOZ-2)
DOCUMENT NO. 1
PAGE 4 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
Jan 2001 to Dec 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 2 Classifier Replacement
(in Dollars)

Line Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1 Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base	$984,794	984,794	984,794	984,794	984,794	984,794	984,794	984,794	984,794	984,794	984,794	984,794	984,794	
3 Less: Accumulated Depreciation	($76,182)	(78,890)	(81,598)	(84,306)	(87,014)	(89,722)	(92,430)	(95,138)	(97,846)	(100,554)	(103,262)	(105,970)	(108,678)	
4 CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 + 3 + 4)	$908,612	905,904	903,196	900,488	897,780	895,072	892,364	889,656	886,948	884,240	881,532	878,824	876,116	
6 Average Net Investment		907,258	904,550	901,842	899,134	896,426	893,718	891,010	888,302	885,594	882,886	880,178	877,470	
7 Return on Average Net Investment														
a. Equity Component Grossed Up For Taxes (A)		6,671	6,651	6,631	6,611	6,592	6,572	6,552	6,532	6,512	6,492	6,472	6,452	$78,740
b. Debt Component (Line 6 x 2.82% x 1/12)		2,132	2,126	2,119	2,113	2,107	2,100	2,094	2,088	2,081	2,075	2,068	2,062	25,165
8 Investment Expenses														
a. Depreciation		2,708	2,708	2,708	2,708	2,708	2,708	2,708	2,708	2,708	2,708	2,708	2,708	32,496
b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8)		11,511	11,485	11,458	11,432	11,407	11,380	11,354	11,328	11,301	11,275	11,248	11,222	136,401
a. Recoverable Costs Allocated to Energy		11,511	11,485	11,458	11,432	11,407	11,380	11,354	11,328	11,301	11,275	11,248	11,222	136,401
b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10 Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11 Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12 Retail Energy-Related Recoverable Costs (B)		11,211	11,262	11,064	10,931	10,803	10,702	10,625	10,635	10,876	10,874	10,903	10,926	130,812
13 Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$11,211	$11,262	$11,064	$10,931	$10,803	$10,702	$10,625	$10,635	$10,876	$10,874	$10,903	$10,926	$130,812

Notes:
(A) Lines 6 x 8.8238% x 1/12. *Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)*
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)-
DOCUMENT NO. 1
PAGE 5 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project:Gannon Unit 5 Classifier Replacement
(in Dollars)

Line Description	Beginning of Period Amount	Actual Jan 01	Actual Feb 01	Actual Mar 01	Actual Apr 01	Actual May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Ctober 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1 Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base	$1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	1,357,040	
3 Less: Accumulated Depreciation	($168,696)	(193,453)	(218,210)	(242,968)	(267,725)	(292,482)	(317,239)	(341,996)	(366,753)	(391,511)	(416,268)	(441,025)	(465,782)	
4 CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 + 3 + 4)	$1,188,344	1,163,587	1,138,830	1,114,073	1,089,315	1,064,558	1,039,801	1,015,044	990,287	965,530	940,772	916,015	891,258	
6 Average Net Investment		1,175,965	1,151,208	1,126,451	1,101,694	1,076,937	1,052,180	1,027,422	1,002,665	977,908	953,151	928,394	903,637	
7 *Return on Average Net Investment*														
a. Equity Component Grossed Up For Taxes (A)		8,647	8,465	8,283	8,101	7,919	7,737	7,555	7,373	7,191	7,009	6,827	6,645	$91,752
b. Debt Component (Line 6 x 2.82% x 1/12)		2,764	2,705	2,647	2,589	2,531	2,473	2,414	2,356	2,298	2,240	2,182	2,124	29,323
8 Investment Expenses														
a. Depreciation		24,757	24,757	24,757	24,757	24,757	24,757	24,757	24,757	24,757	24,757	24,757	24,757	297,086
b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8)		36,168	35,927	35,687	35,447	35,207	34,967	34,726	34,486	34,246	34,006	33,766	33,526	418,159
a. Recoverable Costs Allocated to Energy		36,168	35,927	35,687	35,447	35,207	34,967	34,726	34,486	34,246	34,006	33,766	33,526	418,159
b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10 *Energy Jurisdictional Factor*		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11 Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12 Retail Energy-Related Recoverable Costs (B)		35,224	35,230	34,459	33,894	33,343	32,885	32,498	32,376	32,958	32,796	32,731	32,642	401,036
13 Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$35,224	$35,230	$34,459	$33,894	$33,343	$32,885	$32,498	$32,376	$32,958	$32,796	$32,731	$32,642	$401,036

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ____
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 6 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project:Gannon Unit 6 Classifier Replacement
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	1,418,424	
3	Less: Accumulated Depreciation	($74,758)	(102,751)	(130,744)	(158,737)	(186,730)	(214,723)	(242,716)	(270,709)	(298,702)	(326,695)	(354,688)	(382,681)	(410,675)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	$1,343,666	1,315,673	1,287,680	1,259,687	1,231,694	1,203,701	1,175,708	1,147,715	1,119,722	1,091,729	1,063,736	1,035,743	1,007,750	
6	Average Net Investment		1,329,669	1,301,676	1,273,683	1,245,690	1,217,697	1,189,704	1,161,711	1,133,718	1,105,725	1,077,732	1,049,739	1,021,746	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		9,777	9,571	9,366	9,160	8,954	8,748	8,542	8,336	8,131	7,925	7,719	7,513	$103,742
	b. Debt Component (Line 6 x 2.82% x 1/12)		3,125	3,059	2,993	2,927	2,862	2,796	2,730	2,664	2,598	2,533	2,467	2,401	33,155
8	Investment Expenses														
	a. Depreciation		27,993	27,993	27,993	27,993	27,993	27,993	27,993	27,993	27,993	27,993	27,993	27,993	335,917
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		40,895	40,623	40,352	40,080	39,809	39,537	39,265	38,993	38,722	38,451	38,179	37,907	472,813
	a. Recoverable Costs Allocated to Energy		40,895	40,623	40,352	40,080	39,809	39,537	39,265	38,993	38,722	38,451	38,179	37,907	472,813
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		39,828	39,835	38,963	38,324	37,702	37,182	36,746	36,607	37,265	37,083	37,009	36,908	453,452
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$39,828	$39,835	$38,963	$38,324	$37,702	$37,182	$36,746	$36,607	$37,265	$37,083	$37,009	$36,908	$453,452

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO.______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 7 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project:Gannon Coal Crusher (NOx Control)
(in Dollars)

Line Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1 Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base	$5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	5,227,289	
3 Less: Accumulated Depreciation	($313,601)	(415,970)	(518,338)	(620,707)	(723,075)	(825,444)	(927,812)	(1,030,181)	(1,132,549)	(1,234,918)	(1,337,286)	(1,439,655)	(1,542,023)	
4 CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 + 3 + 4)	$4,913,688	4,811,320	4,708,951	4,606,583	4,504,214	4,401,846	4,299,477	4,197,109	4,094,740	3,992,372	3,890,003	3,787,635	3,685,266	
6 Average Net Investment		4,862,504	4,760,135	4,657,767	4,555,398	4,453,030	4,350,661	4,248,293	4,145,924	4,043,556	3,941,187	3,838,819	3,736,450	
7 Return on Average Net Investment														
a. Equity Component Grossed Up For Taxes (A)		35,755	35,002	34,249	33,497	32,744	31,991	31,238	30,486	29,733	28,980	28,227	27,475	$379,377
b. Debt Component (Line 6 x 2.82% x 1/12)		11,427	11,186	10,946	10,705	10,465	10,224	9,983	9,743	9,502	9,262	9,021	8,781	121,245
8 Investment Expenses														
a. Depreciation		102,369	102,369	102,369	102,369	102,369	102,369	102,369	102,369	102,369	102,369	102,369	102,369	1,228,422
b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8)		149,551	148,557	147,564	146,571	145,578	144,584	143,590	142,598	141,604	140,611	139,617	138,625	1,729,050
a. Recoverable Costs Allocated to Energy		149,551	148,557	147,564	146,571	145,578	144,584	143,590	142,598	141,604	140,611	139,617	138,625	1,729,050
b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10 Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11 Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12 Retail Energy-Related Recoverable Costs (B)		145,647	145,677	142,485	140,149	137,872	135,974	134,376	133,873	136,277	135,607	135,339	134,971	1,658,247
13 Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$145,647	$145,677	$142,485	$140,149	$137,872	$135,974	$134,376	$133,873	$136,277	$135,607	$135,339	$134,971	$1,658,247

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO.______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMP.
(KOZ-2)
DOCUMENT NO. 1
PAGE 8 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 20

Form 42-4P

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Units 1 and 2 Scrubber
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	83,181,085	
3	Less: Accumulated Depreciation	($3,718,810)	(4,025,535)	(4,332,260)	(4,638,985)	(4,945,710)	(5,252,435)	(5,559,160)	(5,865,885)	(6,172,610)	(6,479,335)	(6,786,060)	(7,092,785)	(7,399,510)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	$79,462,275	79,155,550	78,848,825	78,542,100	78,235,375	77,928,650	77,621,925	77,315,200	77,008,475	76,701,750	76,395,025	76,088,300	75,781,575	
6	Average Net Investment		79,308,913	79,002,188	78,695,463	78,388,738	78,082,013	77,775,288	77,468,563	77,161,838	76,855,113	76,548,388	76,241,663	75,934,938	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		583,172	580,916	578,661	576,405	574,150	571,895	569,639	567,384	565,128	562,873	560,618	558,362	$6,849,203
	b. Debt Component (Line 6 x 2.82% x 1/12)		186,376	185,655	184,934	184,214	183,493	182,772	182,051	181,330	180,610	179,889	179,168	178,447	2,188,939
8	Investment Expenses														
	a. Depreciation		306,725	306,725	306,725	306,725	306,725	306,725	306,725	306,725	306,725	306,725	306,725	306,725	3,680,700
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,076,273	1,073,296	1,070,320	1,067,344	1,064,368	1,061,392	1,058,415	1,055,439	1,052,463	1,049,487	1,046,511	1,043,534	12,718,842
	a. Recoverable Costs Allocated to Energy		1,076,273	1,073,296	1,070,320	1,067,344	1,064,368	1,061,392	1,058,415	1,055,439	1,052,463	1,049,487	1,046,511	1,043,534	12,718,842
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		1,048,180	1,052,488	1,033,479	1,020,577	1,008,027	998,184	990,501	990,862	1,012,870	1,012,141	1,014,443	1,016,029	12,197,781
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$1,048,180	$1,052,488	$1,033,479	$1,020,577	$1,008,027	$998,184	$990,501	$990,862	$1,012,870	$1,012,141	$1,014,443	$1,016,029	$12,197,781

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (*expansion factor of 1.628002*)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 9 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Section 114 Mercury Testing Platform
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$120,737	120,737	120,737	120,737	120,737	120,737	120,737	120,737	120,737	120,737	120,737	120,737	120,737	
3	Less: Accumulated Depreciation	($2,551)	(2,762)	(2,973)	(3,184)	(3,395)	(3,606)	(3,817)	(4,028)	(4,239)	(4,450)	(4,661)	(4,872)	(5,083)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	$118,186	117,975	117,764	117,553	117,342	117,131	116,920	116,709	116,498	116,287	116,076	115,865	115,654	
6	Average Net Investment		118,081	117,870	117,659	117,448	117,237	117,026	116,815	116,604	116,393	116,182	115,971	115,760	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		868	867	865	864	862	861	859	857	856	854	853	851	$10,317
	b. Debt Component (Line 6 x 2.82% x 1/12)		277	277	276	276	276	275	275	274	274	273	273	272	3,298
8	Investment Expenses														
	a. Depreciation		211	211	211	211	211	211	211	211	211	211	211	211	2,532
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,356	1,355	1,352	1,351	1,349	1,347	1,345	1,342	1,341	1,338	1,337	1,334	16,147
	a. Recoverable Costs Allocated to Energy		1,356	1,355	1,352	1,351	1,349	1,347	1,345	1,342	1,341	1,338	1,337	1,334	16,147
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		1,321	1,329	1,305	1,292	1,278	1,267	1,259	1,260	1,291	1,290	1,296	1,299	15,487
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$1,321	$1,329	$1,305	$1,292	$1,278	$1,267	$1,259	$1,260	$1,291	$1,290	$1,296	$1,299	$15,487

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 10 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend FGD Optimization and Utilization
(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$444,283	$411,761	$1,232,734	$2,309,155	$2,698,630	$449,235	$98,370	$95,858	$509,393	$282,501	$532,519	$328,736	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$3,000,000	3,033,954	3,067,908	3,101,862	3,135,816	3,169,770	3,203,724	3,237,678	3,271,632	3,305,586	3,339,540	3,373,494	12,393,175	
3	Less: Accumulated Depreciation	($36,414)	(43,454)	(50,573)	(57,771)	(65,048)	(72,405)	(79,841)	(87,356)	(94,950)	(102,623)	(110,376)	(118,208)	(136,602)	
4	CWIP - Non-Interest Bearing	0	410,329	788,136	1,986,916	4,262,117	6,926,793	7,342,074	7,406,490	7,468,394	7,943,833	8,192,380	8,690,945	0	
5	*Net Investment (Lines 2 + 3 + 4)*	$2,963,586	3,400,829	3,805,471	5,031,007	7,332,885	10,024,158	10,465,957	10,556,812	10,645,076	11,146,796	11,421,544	11,946,231	12,256,573	
6	Average Net Investment		3,182,208	3,603,150	4,418,239	6,181,946	8,678,522	10,245,058	10,511,385	10,600,944	10,895,936	11,284,170	11,683,888	12,101,402	
7	Return on Average Net Investment														
	a. *Equity Component Grossed Up For Taxes (A)*		23,399	26,495	32,488	45,457	63,815	75,334	77,292	77,951	80,120	82,974	85,914	88,984	$760,223
	b. Debt Component (Line 6 x 2.82% x 1/12)		7,478	8,467	10,383	14,528	20,395	24,076	24,702	24,912	25,605	26,518	27,457	28,438	242,959
8	Investment Expenses														
	a. Depreciation		7,040	7,119	7,198	7,277	7,357	7,436	7,515	7,594	7,673	7,753	7,832	18,394	100,188
	b. *Amortization*		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	*Total System Recoverable Expenses (Lines 7 + 8)*		37,917	42,081	50,069	67,262	91,567	106,846	109,509	110,457	113,398	117,245	121,203	135,816	1,103,370
	a. Recoverable Costs Allocated to Energy		37,917	42,081	50,069	67,262	91,567	106,846	109,509	110,457	113,398	117,245	121,203	135,816	1,103,370
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	*Demand Jurisdictional Factor*		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		36,927	41,265	48,346	64,315	86,720	100,483	102,482	103,699	109,132	113,073	117,489	132,236	1,056,167
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$36,927	$41,265	$48,346	$64,315	$86,720	$100,483	$102,482	$103,699	$109,132	$113,073	$117,489	$132,236	$1,056,167

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 11 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend PM Minimization and Monitoring
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$84,500	$12,000	$202,500	$281,000	$17,000	$11,000	$14,000	$100,000	$230,000	$21,000	$8,000	$7,000	$988,000
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$105,000	105,000	105,000	105,000	105,000	710,000	710,000	710,000	710,000	710,000	710,000	710,000	710,000	
3	Less: Accumulated Depreciation	($381)	(644)	(907)	(1,170)	(1,433)	(2,578)	(4,606)	(6,634)	(8,662)	(10,690)	(12,718)	(14,746)	(16,774)	
4	CWIP - Non-Interest Bearing	60,000	144,500	156,500	359,000	640,000	52,000	63,000	77,000	177,000	407,000	428,000	436,000	443,000	
5	Net Investment (Lines 2 + 3 + 4)	$164,619	248,856	260,593	462,830	743,567	759,422	768,394	780,366	878,338	1,106,310	1,125,282	1,131,254	1,136,226	
6	Average Net Investment		206,738	254,725	361,712	603,199	751,495	763,908	774,380	829,352	992,324	1,115,796	1,128,268	1,133,740	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		1,520	1,873	2,660	4,435	5,526	5,617	5,694	6,098	7,297	8,205	8,296	8,337	$65,558
	b. Debt Component (Line 6 x 2.82% x 1/12)		486	599	850	1,418	1,766	1,795	1,820	1,949	2,332	2,622	2,651	2,664	20,952
8	*Investment Expenses*														
	a. Depreciation		263	263	263	263	1,145	2,028	2,028	2,028	2,028	2,028	2,028	2,028	16,393
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		2,269	2,735	3,773	6,116	8,437	9,440	9,542	10,075	11,657	12,855	12,975	13,029	102,903
	a. Recoverable Costs Allocated to Energy		2,269	2,735	3,773	6,116	8,437	9,440	9,542	10,075	11,657	12,855	12,975	13,029	102,903
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		2,210	2,682	3,643	5,848	7,990	8,878	8,930	9,459	11,218	12,398	12,577	12,686	98,519
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$2,210	$2,682	$3,643	$5,848	$7,990	$8,878	$8,930	$9,459	$11,218	$12,398	$12,577	$12,686	$98,519

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO.______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPAN
(KOZ-2)
DOCUMENT NO. 1
PAGE 12 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 200

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
***For Project:* Big Bend NOx Reduction**
(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$203,000	$29,000	$384,000	$165,000	$17,000	$9,000	$9,000	$19,000	$68,000	$123,000	$18,000	$24,000	$1,068,000
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	459,000	463,000	466,000	469,000	472,000	475,000	1,093,000	
3	Less: Accumulated Depreciation	$0	0	0	0	0	0	0	0	0	0	0	0	(1,467)	
4	CWIP - Non-Interest Bearing	130,000	333,000	362,000	746,000	911,000	928,000	937,000	946,000	965,000	1,033,000	1,156,000	1,174,000	105,000	
5	Net Investment (Lines 2 + 3 + 4)	$130,000	333,000	362,000	746,000	911,000	928,000	1,396,000	1,409,000	1,431,000	1,502,000	1,628,000	1,649,000	1,196,533	
6	Average Net Investment		231,500	347,500	554,000	828,500	919,500	1,162,000	1,402,500	1,420,000	1,466,500	1,565,000	1,638,500	1,422,767	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		1,702	2,555	4,074	6,092	6,761	8,544	10,313	10,441	10,783	11,508	12,048	10,462	$95,283
33	b. Debt Component (Line 6 x 2.82% x 1/12)		544	817	1,302	1,947	2,161	2,731	3,296	3,337	3,446	3,678	3,850	3,344	30,453
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	1,467	1,467
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		2,246	3,372	5,376	8,039	8,922	11,275	13,609	13,778	14,229	15,186	15,898	15,273	127,203
	a. Recoverable Costs Allocated to Energy		2,246	3,372	5,376	8,039	8,922	11,275	13,609	13,778	14,229	15,186	15,898	15,273	127,203
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		2,187	3,307	5,191	7,687	8,450	10,604	12,736	12,935	13,694	14,646	15,411	14,870	121,718
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$2,187	$3,307	$5,191	$7,687	$8,450	$10,604	$12,736	$12,935	$13,694	$14,646	$15,411	$14,870	$121,718

otes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO.______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 13 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Gannon Ignition Oil Tank
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$589,752	589,752	589,752	589,752	589,752	589,752	589,752	589,752	589,752	589,752	589,752	589,752	589,752	
3	Less: Accumulated Depreciation	($68,599)	(70,565)	(72,531)	(74,497)	(76,463)	(78,429)	(80,395)	(82,361)	(84,327)	(86,293)	(88,259)	(90,225)	(92,191)	
4	CWIP - Non-Interest Bearing	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	
5	Net Investment (Lines 2 + 3 + 4)	$255,153	253,187	251,221	249,255	247,289	245,323	243,357	241,391	239,425	237,459	235,493	233,527	231,561	
6	Average Net Investment		254,170	252,204	250,238	248,272	246,306	244,340	242,374	240,408	238,442	236,476	234,510	232,544	
7	*Return on Average Net Investment*														
	a. Equity Component Grossed Up For Taxes (A)		1,869	1,854	1,840	1,826	1,811	1,797	1,782	1,768	1,753	1,739	1,724	1,710	$21,473
	b. Debt Component (Line 6 x 2.82% x 1/12)		597	593	588	583	579	574	570	565	560	556	551	546	6,862
8	Investment Expenses														
	a. Depreciation		1,966	1,966	1,966	1,966	1,966	1,966	1,966	1,966	1,966	1,966	1,966	1,966	23,592
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		4,432	4,413	4,394	4,375	4,356	4,337	4,318	4,299	4,279	4,261	4,241	4,222	51,927
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		4,432	4,413	4,394	4,375	4,356	4,337	4,318	4,299	4,279	4,261	4,241	4,222	51,927
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (C)		4,050	4,034	3,977	3,984	3,985	3,964	3,950	3,930	3,984	3,926	3,870	3,837	47,493
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$4,050	$4,034	$3,977	$3,984	$3,985	$3,964	$3,950	$3,930	$3,984	$3,926	$3,870	$3,837	$47,493

Notes:
(A) Lines 6 x 8.8236% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 14 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
***For Project:* Big Bend Fuel Oil Tank #1 Upgrade**
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$497,578	497,578	497,578	497,578	497,578	497,578	497,578	497,578	497,578	497,578	497,578	497,578	497,578	
3	Less: Accumulated Depreciation	($27,640)	(28,801)	(29,962)	(31,123)	(32,284)	(33,445)	(34,606)	(35,767)	(36,928)	(38,089)	(39,250)	(40,411)	(41,572)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	$469,938	468,777	467,616	466,455	465,294	464,133	462,972	461,811	460,650	459,489	458,328	457,167	456,006	
6	Average Net Investment		469,358	468,197	467,036	465,875	464,714	463,553	462,392	461,231	460,070	458,909	457,748	456,587	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		3,451	3,443	3,434	3,426	3,417	3,409	3,400	3,392	3,383	3,374	3,366	3,357	$40,852
	b. Debt Component (Line 6 x 2.82% x 1/12)		1,103	1,100	1,098	1,095	1,092	1,089	1,087	1,084	1,081	1,078	1,076	1,073	13,056
8	Investment Expenses														
	a. Depreciation		1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	1,161	13,932
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		5,715	5,704	5,693	5,682	5,670	5,659	5,648	5,637	5,625	5,613	5,603	5,591	67,840
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		5,715	5,704	5,693	5,682	5,670	5,659	5,648	5,637	5,625	5,613	5,603	5,591	67,840
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	*Retail Demand-Related Recoverable Costs* (C)		5,223	5,215	5,153	5,175	5,187	5,173	5,167	5,154	5,237	5,172	5,113	5,082	62,049
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$5,223	$5,215	$5,153	$5,175	$5,187	$5,173	$5,167	$5,154	$5,237	$5,172	$5,113	$5,082	$62,049

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPA
(KOZ-2)
DOCUMENT NO. 1
PAGE 15 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 20(

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Fuel Oil Tank #2 Upgrade
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$818,401	818,401	818,401	818,401	818,401	818,401	818,401	818,401	818,401	818,401	818,401	818,401	818,401	
3	Less: Accumulated Depreciation	($45,484)	(47,394)	(49,304)	(51,214)	(53,124)	(55,034)	(56,944)	(58,854)	(60,764)	(62,674)	(64,584)	(66,494)	(68,404)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	$772,917	771,007	769,097	767,187	765,277	763,367	761,457	759,547	757,637	755,727	753,817	751,907	749,997	
6	Average Net Investment		771,962	770,052	768,142	766,232	764,322	762,412	760,502	758,592	756,682	754,772	752,862	750,952	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		5,676	5,662	5,648	5,634	5,620	5,606	5,592	5,578	5,564	5,550	5,536	5,522	$67,188
	b. Debt Component (Line 6 x 2.82% x 1/12)		1,814	1,810	1,805	1,801	1,796	1,792	1,787	1,783	1,778	1,774	1,769	1,765	21,474
	Investment Expenses														
	a. Depreciation		1,910	1,910	1,910	1,910	1,910	1,910	1,910	1,910	1,910	1,910	1,910	1,910	22,920
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		9,400	9,382	9,363	9,345	9,326	9,308	9,289	9,271	9,252	9,234	9,215	9,197	111,582
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		9,400	9,382	9,363	9,345	9,326	9,308	9,289	9,271	9,252	9,234	9,215	9,197	111,582
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (C)		8,590	8,577	8,475	8,511	8,532	8,508	8,498	8,476	8,614	8,509	8,408	8,359	102,057
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$8,590	$8,577	$8,475	$8,511	$8,532	$8,508	$8,498	$8,476	$8,614	$8,509	$8,408	$8,359	$102,057

36

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 16 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Phillips Fuel Oil Tank #1 Upgrade
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$57,277	57,277	57,277	57,277	57,277	57,277	57,277	57,277	57,277	57,277	57,277	57,277	57,277	
3	Less: Accumulated Depreciation	($4,728)	(4,928)	(5,128)	(5,328)	(5,528)	(5,728)	(5,928)	(6,128)	(6,328)	(6,528)	(6,728)	(6,928)	(7,128)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	$52,549	52,349	52,149	51,949	51,749	51,549	51,349	51,149	50,949	50,749	50,549	50,349	50,149	
6	Average Net Investment		52,449	52,249	52,049	51,849	51,649	51,449	51,249	51,049	50,849	50,649	50,449	50,249	
7	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		386	384	383	381	380	378	377	375	374	372	371	369	$4,530
	b. Debt Component (Line 6 x 2.82% x 1/12)		123	123	122	122	121	121	120	120	119	119	119	118	1,447
8	Investment Expenses														
	a. Depreciation		200	200	200	200	200	200	200	200	200	200	200	200	2,400
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		709	707	705	703	701	699	697	695	693	691	690	687	8,377
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		709	707	705	703	701	699	697	695	693	691	690	687	8,377
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (C)		648	646	638	640	641	639	638	635	645	637	630	624	7,662
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$648	$646	$638	$640	$641	$639	$638	$635	$645	$637	$630	$624	$7,662

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

37

EXHIBIT NO.______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 17 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Actual Period Amount
January 2001 to December 2001

Return on Capital Investments, Depreciation and Taxes
For Project: Phillips Fuel Oil Tank #4 Upgrade
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan 01	Estimated Feb 01	Estimated Mar 01	Estimated Apr 01	Estimated May 01	Estimated June 01	Estimated July 01	Estimated Aug 01	Estimated Sep 01	Estimated Oct 01	Estimated Nov 01	Estimated Dec 01	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	$90,472	90,472	90,472	90,472	90,472	90,472	90,472	90,472	90,472	90,472	90,472	90,472	90,472	
3	Less: Accumulated Depreciation	($7,871)	(8,188)	(8,505)	(8,822)	(9,139)	(9,456)	(9,773)	(10,090)	(10,407)	(10,724)	(11,041)	(11,358)	(11,675)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	$82,601	82,284	81,967	81,650	81,333	81,016	80,699	80,382	80,065	79,748	79,431	79,114	78,797	
6	Average Net Investment		82,443	82,126	81,809	81,492	81,175	80,858	80,541	80,224	79,907	79,590	79,273	78,956	
7	Return on Average Net Investment														
	a. *Equity Component Grossed Up For Taxes* (A)		606	604	602	599	597	595	592	590	588	585	583	581	$7,122
	b. Debt Component (Line 6 x 2.82% x 1/12)		194	193	192	192	191	190	189	189	188	187	186	186	2,277
8	Investment Expenses														
	a. Depreciation		317	317	317	317	317	317	317	317	317	317	317	317	3,804
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,117	1,114	1,111	1,108	1,105	1,102	1,098	1,096	1,093	1,089	1,086	1,084	13,203
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		1,117	1,114	1,111	1,108	1,105	1,102	1,098	1,096	1,093	1,089	1,086	1,084	13,203
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (C)		1,021	1,018	1,006	1,009	1,011	1,007	1,004	1,002	1,018	1,003	991	985	12,076
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$1,021	$1,018	$1,006	$1,009	$1,011	$1,007	$1,004	$1,002	$1,018	$1,003	$991	$985	$12,076

Notes:
(A) Lines 6 x 8.8238% x 1/12. Based on ROE of 11.75% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10
(C) Line 9b x Line 11

EXHIBIT NO. ______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 18 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2001 - December 2001
Return on Capital Investments, Depreciation and Taxes
For Project: SO2 Allowances

(In Dollars)

Line	Description	Beginning of Period Amount	January	February	March	April	May	June	July	August	September	October	November	December	End of Period Amount
1	Investments														
	a Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	
	b Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	
	c Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Working Capital Balance		0	0	0	0	0	0	0	0	0	0	0	0	
	a FERC 158.1 Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
	b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
	c FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
	d FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Average Net Working Capital Balance		0	0	0	0	0	0	0	0	0	0	0	0	
5	Return on Average Net Working Capital Balance														
	a Equity Component Grossed Up For Taxes (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Debt Component (Line 6 x 3.5137% x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
6	Total Return Component (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Expenses:														
	a Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
	c SO2 Allowance Expense		37,783	46,930	75,485	97,050	81,618	26,992	11,812	63,929	76,323	80,699	81,130	92,202	771,953
8	Net Expenses (E)		37,783	46,930	75,485	97,050	81,618	26,992	11,812	63,929	76,323	80,699	81,130	92,202	771,953
9	Total System Recoverable Expenses (Lines 6 + 7)		37,783	46,930	75,485	97,050	81,618	26,992	11,812	63,929	76,323	80,699	81,130	92,202	771,953
	a Recoverable Costs Allocated to Energy		37,783	46,930	75,485	97,050	81,618	26,992	11,812	63,929	76,323	80,699	81,130	92,202	771,953
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9738980	0.9806130	0.9655794	0.9561833	0.9470662	0.9404479	0.9358342	0.9388154	0.9623807	0.9644148	0.9693569	0.9736423	
11	Demand Jurisdictional Factor		0.9138481	0.9141946	0.9052031	0.9107203	0.9148255	0.9140625	0.9147970	0.9142473	0.9310434	0.9214644	0.9124712	0.9088745	
12	Retail Energy-Related Recoverable Costs (B)		36,797	46,020	72,887	92,798	77,298	25,385	11,054	60,018	73,452	77,827	78,644	89,772	741,952
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Juris. Recoverable Costs (Lines 12 + 13)		36,797	46,020	72,887	92,798	77,298	25,385	11,054	60,018	73,452	77,827	78,644	89,772	741,952

Notes:
(A) Line 6 x 6.9072% x 1/12. Based on ROE of 11.5% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
(B) Line 9a x Line 10 x 1.0014 line loss multiplier
(C) Line 9b x Line 11
(D) Line 6 is reported on Schedule 6E and 7E
(E) Line 8 is reported on Schedule 4E and 5E

EXHIBIT NO.______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 19 OF 19
FORM 42-4P
FILED: SEPTEMBER 21, 2000

EXHIBIT NO.________
DOCKET NO: 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 1 OF 20
FORM 42-5P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 3 Flue Gas Desulfurization Integration

Project Description:

This project involved the integration of Big Bend Unit 3 flue gases into the Big Bend Unit 4 FGD system. The integration was accomplished by installing interconnecting ductwork between Unit 3 precipitator outlet ducts and the Unit 4 FGD inlet duct. The Unit 4 FGD outlet duct was interconnected with the Unit 3 chimney via new ductwork and a new stack breaching. New ductwork, linings, isolation dampers, support steel, and stack annulus pressurization fans were procured and installed. Modifications to the materials handling systems and controls were also necessary.

Project Accomplishments:

Project Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $1,063,822 and did not vary from the original projection.

The actual/estimated O & M expense for period January 2000 through December 2000 was $1,146,952 compared to the original projection of $2,074,939, representing a variance of - 44.7%. This variance resulted primarily from the Big Bend Unit 3 outage in March and April of 2000 in which no consumable costs for limestone and dibasic acid were incurred

Project Progress Summary: The project is complete and in service.

Project Projections: Estimated depreciation plus return for the period January 2001 through December 2001 is expected to be $1,036,000.

Estimated O & M costs for the period January 2001 through December 2001 are projected to be $1,896,122.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Units 1 and 2 Flue Gas Conditioning

Project Description:

The existing electrostatic precipitators were not designed for the range of fuels needed for compliance with the CAAA. Flue gas conditioning was required to assure operation of the generating units in accordance with applicable permits and regulations. This equipment is still required to ensure compliance with the CAAA in the event the FGD system on Units 1 & 2 is not operating.

The project involved the addition of molten sulfur unloading, storage and conveying to sulfur burners and catalytic converters where SO_2 is converted to SO_3. The control and injection system then injects this into the ductwork ahead of the electrostatic precipitators (ESP).

Project Accomplishments:

Project Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $647,491 and did not vary from the original projection.

The actual/estimated O & M for the period January 2000 through December 2000 was $21,006 compared to the original projection of 18,000, representing a variance of 16.7%. This variance is due primarily to start-up and check out activities associated with the Big Bend Units 1 and 2 FGD system. When the units were not scrubbed, lower sulfur coal was burned, necessitating additional flue gas conditioning costs.

Project Progress Summary: The project is complete and in service

Project Projections: Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $619,305.

Estimated O & M costs for the period January 2001 through December 2001 are projected to be $22,000.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 4 Continuous Emissions Monitors

Project Description:

Continuous emissions monitors (CEMs) were installed on the flue gas inlet and outlet of Big Bend Unit 4 monitor compliance with the CAAA requirements. The monitors are capable of measuring, recording and electronically reporting SO_2, NO_x and volumetric gas flow out of the stack. The project consisted of monitors, a CEM building, the CEMs control and power cables to supply a complete system.

40 CFR Part 75 includes the general requirements for the installation, certification, operation and maintenance of CEMs and specific requirements for the monitoring of pollutants, opacity and volumetric flow. These regulations are very comprehensive and specific as to the requirements for CEMs, and in essence, they define the components needed and their configuration.

Project Accomplishment:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $109,490 and did not vary from the original projection.
Project Progress Summary:	The project is complete and in service
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $106,055.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 1 Classifier Replacement

Project Description:

The boiler modifications at Big Bend Unit 1 are part of Tampa Electric's Nitrous Oxide (NO_X) compliance strategy for Phase II of the Clean Air Act Amendments of 1990 (CAAA). The classifier replacements will optimize coal fineness by providing a more uniform particle size. This finer classification, combined with the equalized distribution of coal to outlet pipes and furnaces, will enable a uniform, staged combustion. As a result, firing systems will operate at lower NO_X levels.

Project Accomplishments:

Project Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2000 through December 2000 is $190,527 and did not vary from the original projection.

Progress Summary: The project is complete and was placed in service December 1998.

Project Projections: Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $186,486.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 2 Classifier Replacement

Project Description:

The boiler modifications at Big Bend Unit 2 are part of Tampa Electric's Nitrous Oxide (NO_X) compliance strategy for Phase II of the Clean Air Act Amendments of 1990 (CAAA). The classifier replacements will optimize coal fineness by providing a more uniform particle size. This finer classification, combined with the equalized distribution of coal to outlet pipes and furnaces, will enable a uniform, staged combustion. As a result, firing systems will operate at lower NO_X levels.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 is $137,633 and did not vary from the original projection.
Progress Summary:	The project is complete and was placed in service May 1998.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $136,401.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Gannon Unit 5 Classifier Replacement

Project Description:

The boiler modifications at Gannon Unit 5 are part of Tampa Electric's Nitrous Oxide (NO_X) compliance strategy for Phase II of the Clean Air Act Amendments of 1990 (CAAA). The classifier replacements will optimize coal fineness by providing a more uniform particle size. This finer classification, combined with the equalized distribution of coal to outlet pipes and furnaces, will enable a uniform, staged combustion. As a result, firing systems will operate at lower NO_X levels.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 is $200,122 and did not vary from the original projection.
Progress Summary:	The project is complete and was placed in-service December 1997.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $418,159. Due to the Gannon Station repowering this equipment will be retired as of May 2003 and Tampa Electric will fully recover the remaining book value of these assets through December 31, 2004.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Gannon Unit 6 Classifier Replacement

Project Description:

The boiler modifications at Gannon Unit 6 are part of Tampa Electric's Nitrous Oxide (NO_X) compliance strategy for Phase II of the Clean Air Act Amendments of 1990 (CAAA). The classifier replacements will optimize coal fineness by providing a more uniform particle size. This finer classification, combined with the equalized distribution of coal to outlet pipes and furnaces, will enable a uniform, staged combustion. As a result, firing systems will operate at lower NO_X levels.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 is $212,686, compared to the original projection of $211,627, representing a variance of 0.5%.
Progress Summary:	The project is complete and was placed in service July 1999.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $472,813. Due to the Gannon Station repowering this equipment will be retired as of May 2003 and Tampa Electric will fully recover the remaining book value of these assets through December 31, 2004.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Gannon Coal Crushers (NOx Control)

Project Description:

Two Gannon Coal Crushers will be used in conjunction with the boiler modifications at Gannon as part of Tampa Electric's Nitrous Oxide (NO_X) compliance strategy for Phase II of the Clean Air Act Amendments of 1990 (CAAA). The coal crushers will assist in achieving compliance by providing a more uniform particle size. The finer coal particles, combined with the equalized distribution of coal to outlet pipes and furnaces, will enable a uniform, staged combustion. As a result, firing systems will operate at lower NO_X levels.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 is $798,015, compared to the original projection of $795,302, representing a variance of 0.3%.
Progress Summary:	The project is complete and was placed in service June 1999.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $1,729,050. Due to the Gannon repowering this equipment will be retired as of May 2003 and Tampa Electric will fully recover the remaining book value of these assets through December 31, 2004.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
January 2000 Through December 2000
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Units 1 & 2 FGD

Project Description:

The Big Bend Units 1 & 2 FGD system consists of equipment capable of removing sulfur dioxide ("SO_2") from the flue gas generated by the combustion of coal. The FGD was installed in order to comply with Phase II of the Clean Air Act Amendments ("CAAA"). Compliance with Phase II is required by January 1, 2000. The CAAA impose SO_2 emission limits on existing steam electric units with an output capacity of greater than 25 megawatts and all new utility units. Tampa Electric conducted an exhaustive analysis of options to comply with Phase II of the CAAA that culminated in the selection of the FGD project to serve Big Bend Units 1 & 2.

The Commission, in Order No. 99-0075 issued January 11, 1999 in Docket No. 980693-EI, found that the FGD project is the most cost- effective alternative for compliance with the SO_2 requirements of Phase II of the CAAA.

Project Accomplishments:

Project Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $12,530,600 as compared to the original projection of $12,841,731 resulting in a variance of –2.4%.

The actual/estimated O & M expense for period January 2000 through December 2000 was $3,420,330 as compared to the original estimate of $3,475,272 resulting in a variance of –1.6%.

Project Progress Summary: The project was placed in service in December 1999.

Project Projections: Estimated depreciation plus return for the period January 2001 through December 2001 is expected to be $12,718,842. Estimated O & M costs for the period January 2001through December 2001 are projected to be $1,104.330.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: 114 Mercury Testing and 114 Mercury Testing Platform

Project Description:

The Mercury Emissions Information Collection Effort is mandated by the United States EPA. The EPA asserts that Section 114 of the Clean Air Act grants to the EPA the authority to request the collection of information necessary for it to study whether it is appropriate and necessary to develop performance or emission standards for electric utility steam generating units.

In a letter dated November 25, 1998, Tampa Electric was notified by the EPA that, pursuant to Section 114 of the Clean Air Act, the company was required to periodically sample and analyze coal shipments for mercury and chlorine content during the period January 1, 1999 through December 31, 1999

In addition to coal sampling, stack testing and analyses are also required. Tampa Electric received a second letter from EPA, dated March 11, 1999, requiring Tampa Electric to perform speciated mercury testing of the inlet and outlet of the last emission control device installed for Big Bend Units 1, 2 or 3, and Polk Unit 1 as part of the mercury data collection. Part of the cost incurred to perform the stack testing is due to the need to construct special test facilities at the Big Bend stack testing location to meet EPA's testing requirements

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $16,107 as compared to the original estimate of $14,540 resulting in a variance of 10.8%. This project was originally projected to be completed in December 1999, however it was not completed until early 2000 causing costs which had been expected to be incurred in 1999 to be deferred to early 2000, resulting in the project being under-budget by $1,405 in 1999 and over- budget in 2000 by $1,567. The actual/estimated O & M expense for period January 2000 through December 2000 was $5,367 as compared to the original estimate of $12,820 resulting in a variance of –58.1%. This variance is due to a decrease in laboratory expenses
Project Progress Summary:	The project was placed in-service in December 1999 and was completed in May 2000.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is expected to be $16,147. There are no O & M costs projected for the period January 2001 through December 2001.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
January 2001Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Flue Gas Desulfurization Optimization and Utilization

Project Description:

In order to meet the requirements of the DEP Consent Final Judgement and the EPA Consent Decree, Tampa Electric is required to optimize the SO_2 removal efficiency and operations of the Big Bend Units 1, 2 and 3 FGD systems. Tampa Electric will perform activities in three key areas to improve the performance and reliability of the Big Bend Units 1, 2 and 3 FGD systems. The majority of the improvements are required to be performed the Unit 3 tower module and include tower piping, nozzle and internal improvements, duct work improvements, electrical system reliability improvements, tower control improvements, DBA system improvements, booster fan reliability improvements absorber system improvements quencher system improvements and tower demister improvements. Big Bend Units 1 and 2 FGD system improvements include additional preventative maintenance, oxidation air control improvements and tower water, air reagent and start-up piping upgrades. In order to ensure reliability of the FGD systems improvements to the common limestone supply, gypsum dewatering stack reliability and wastewater treatment plant are also being performed.

Project Accomplishments:

Project Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2000 through December 2000 is $134,173.

The actual/estimated O & M expense for this new project for the period January 2000 through December 2000 is $1,346,038

Project Progress Summary: The project is complete and in service.

Project Projections: Estimated depreciation plus return for the period January 2001 through December 2001 is expected to be $1,103,370.

Estimated O & M costs for the period January 2001 through December 2001 are projected to be $1,104,330.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
January 2001Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Particulate Matter Minimization and Monitoring

Project Description:

In order to meet the requirements of the DEP Consent Final Judgement and the EPA Consent Decree, Tampa Electric is required to develop a Best Operational Practices Study (Study) to minimize emissions from each electrostatic precipitator (ESP) at Big Bend and to perform a best available control technology (BACT) analysis for the upgrade of each existing ESP and the installation and operation of particulate matter continuous emission monitors. and operations of the Big Bend Units 1, 2 and 3 FGD systems. Tampa Electric has identified improvements that are necessary to optimize ESP performance such as modifications to the turning vanes and precipitator distribution plates, and upgrades to the controls and software system of the precipitators. Tampa Electric also expects to implement some of the costs associated with the recommendations of the Study and the BACT analysis in 2001. In addition to these costs, Tampa Electric will incur the expenditure of capital dollars in 2001 to install the PM CEM.

Thee costs associated with these projects are being incurred after April 13, 1993 and are not included in base rates or any other cost recovery mechanism.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 is $4,769.
	The actual/estimated O & M expense for this new project for the period January 2000 through December 2000 is $215,000
Project Progress Summary:	The project is an on-going compliance activity.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is expected to be $102,903.
	Estimated O & M costs for the period January 2001 through December 2001 are projected to be $115,000.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
January 2001Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Reduction of NO_x Emissions

Project Description:

In order to meet the requirements of the *DEP Consent Final Judgement* and the EPA *Consent* Decree Tampa Electric is required to spend up to $3 million with the goal to reduce NO_x emissions at Big Bend Station. The Consent Decree requires that by December 31, 2002, the company must achieve at least a 30 percent reduction beyond 1998 levels for Big Bend Units 1 and 2 and at least a 15 percent reduction in NO_x emissions from Big Bend Unit 3. Tampa Electric has identified projects which are the first steps to decrease NO_x emissions in these units such as burner and windbox modifications and the installation of a neural network system on each of the Big Bend units.

Thee costs associated with these projects are being incurred after April 13, 1993 and are not included in base rates or any other cost recovery mechanism.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 is $1,602. The actual/estimated O & M expense for this new project for the period January 2000 through December 2000 is $0.
Project Progress Summary:	The project is complete and in service.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is expected to be $127,203. Estimated O & M costs for the period January 2001 through December 2001 are projected to be $50,000.

EXHIBIT NO.________
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 14 OF 20
FORM 42-5P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Gannon Ignition Oil Tank Upgrade

Project Description:

The Gannon Ignition Oil Storage Tank is a 300,000 gallon field erected fuel storage tank that is required to meet the requirements of DEP Rule 62-762 as an existing field erected above ground storage tank containing a regulated pollutant (diesel fuel). The rule required various modifications and a complete internal inspection by the end of 1999.

The scope of work for this project included:

- Cleaning and inspecting the tank in accordance with API 653 specifications
- Applying a coating to the internal floor and 30 inches up the tank wall. Installing an "El Segundo" bottom to the tank, including installing a leak detection system.
- Installing a spill containment for piping fittings and valves surrounding the tank.
- Installing a new truck unloading facility and spill containment for the truck unloading facility.
- Installing level instrumentation for overfill protection.
- Installing secondary containment for below ground piping or reroute to above ground.
- Conducting a tank closure assessment.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $55,160 and did not vary from the original projection.
Project Progress Summary:	The project is complete and was placed in service January 1998.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $51,927.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Fuel Oil Tank No. 1 Upgrade

Project Description:

The Big Bend Oil Storage Tank No. 1 is a 500,000 gallon field erected fuel storage tank that is required to meet the requirements of DEP Rule 62-762 as an existing field erected above ground storage tank containing a regulated pollutant (diesel fuel). The rule required various modifications and a complete internal inspection by the end of 1999.

The scope of work for this project included:

- Cleaning and inspecting the tank in accordance with API 653 specifications
- Applying a coating to the internal floor and 30 inches up the tank wall. Installing an "El Segundo" bottom to the tank, including installing a leak detection system.
- Installing a spill containment for piping fittings and valves surrounding the tank.
- Installing a new truck unloading facility and spill containment for the truck unloading facility.
- Installing level instrumentation for overfill protection.
- Installing secondary containment for below ground piping or reroute to above ground.
- Conducting a tank closure assessment.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $69,462 compared to an original projection of $69,325, representing a variance of 0.2%.
Project Progress Summary:	The project is complete and was placed in service October 1998.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $67,840.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Fuel Oil Tank No. 2 Upgrade

Project Description:

The Big Bend Oil Storage Tank No. 2 is a 4,200,000 gallon field erected fuel storage tank that is required to meet the requirements of DEP Rule 62-762 as an existing field erected above ground storage tank containing a regulated pollutant (diesel fuel). The rule required various modifications and a complete internal inspection by the end of 1999.

The scope of work for this project included:

- Cleaning and inspecting the tank in accordance with API 653 specifications
- Applying a coating to the internal floor and 30 inches up the tank wall. Installing an "El Segundo" bottom to the tank, including installing a leak detection system.
- Installing a spill containment for piping fittings and valves surrounding the tank.
- Installing a new truck unloading facility and spill containment for the truck unloading facility.
- Installing level instrumentation for overfill protection.
- Installing secondary containment for below ground piping or reroute to above ground.
- Conducting a tank closure assessment.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $114,254 compared to an original projection of $114,138, representing a variance of 0.1%.
Project Progress Summary:	The project is complete and was placed in service December 1998.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $111,582.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Phillips Oil Tank No. 1 Upgrade

Project Description:

The Phillips Oil Storage Tank No. 1 is a 1,300,000 gallon field erected fuel storage tank that is required to meet the requirements of DEP Rule 62-762 as an existing field erected above ground storage tank containing a regulated pollutant (diesel fuel). The rule required various modifications and a complete internal inspection by the end of 1999.

The scope of work for this project included:

- Cleaning and inspecting the tank in accordance with API 653 specifications
- Applying a coating to the internal floor and 30 inches up the tank wall.
- Installing a spill containment for piping fittings and valves surrounding the tank.
- Installing level instrumentation for overfill protection.
- Installing secondary containment for below ground piping or reroute to above ground.
- Conducting a tank closure assessment.

Project Accomplishments:

Project Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $8,378 and did not vary from the original projection.

Project Progress Summary: The project is complete and was placed in service October 1998.

Project Projections: Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $8,377.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Phillips Oil Tank No. 4 Upgrade

Project Description:

The Phillips Oil Storage Tank No. 4 is a 57,000 gallon field erected fuel storage tank that is required to meet the requirements of DEP Rule 62-762 as an existing field erected above ground storage tank containing a regulated pollutant (diesel fuel). The rule required various modifications and a complete internal inspection by the end of 1999.

The scope of work for this project included:

- Cleaning and inspecting the tank in accordance with API 653 specifications
- Applying a coating to the internal floor and 30 inches up the tank wall.
- Installing a spill containment for piping fittings and valves surrounding the tank.
- Installing level instrumentation for overfill protection.
- Installing secondary containment for below ground piping or reroute to above ground.
- Conducting a tank closure assessment.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $13,182 and did not vary from the original projection.
Project Progress Summary:	The project is complete and was placed in service October 1998.
Project Projections:	Estimated depreciation plus return for the period January 2001 through December 2001 is projected to be $13,203.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: SO_2 Emission Allowances

Project Description:

The acid rain control title of the Clean Air Act Amendments (CAAA) of 1990 sets forth a comprehensive regulatory mechanism designed to control acid rain by limiting sulfur dioxide emissions by electric utilities. The CAAA require reductions in sulfur dioxide emissions in two phases. Phase I began on January 1, 1995, and applies to 110 mostly coal-fired utility plants containing about 260 generating units. These plants are owned by about 40 jurisdictional utility systems that are expected to reduce annual sulfur dioxide emissions by as much as 4.5 million tons. Phase II begins on January 1, 2000, and applies to virtually all existing steam-electric generating utility units with capacity exceeding 25 megawatts and to new generating utility units of any size. The Environmentally Protection Agency (EPA) issues to the owners of generating units allowances (defined as an authorization to emit, during or after a specified calendar year, one ton of sulfur dioxide) equal to the number of tons of sulfur dioxide emissions authorized by the CAAA. EPA does not assess a charge for the allowances it awards.

Project Accomplishments:

Project Fiscal Expenditures: The actual/estimated O & M for the period January 2000 through December 2000 is $632,593 compared to the original projection of ($714,142), representing a variance of –188.6%. Tampa Electric had projected that SO_2 allowance revenues associated with wholesale sales would be credited to and exceed retail SO_2 allowance costs resulting in a reduction to overall O&M expenses. Specifically, Tampa Electric had projected a $2.1 million credit from SO_2 allowance revenues associated with its wholesale sale to the Florida Municipal Power Association ("FMPA") and another $100,000 credit associated with SO_2 revenues from economy sales. Based upon the 2000 ECRC true-up filing, FMPA SO_2 revenues are expected to be about $630,000 and there are not expected to be any revenue credits from economy SO_2 revenues. The SO_2 revenues from wholesale sales are expected to be lower for several reasons including:

- Economy (Schedule C and X) sales are no longer made,
- SO_2 allowance costs associated with wholesale sales were originally projected to be over $200/ton. They are now estimated to be $135/ton, and
- The FMPA sale was modeled assuming that FMPA took energy at 100% capacity factor, however actual data indicates that it has been less during 2000.

Project Summary: SO_2 Emission Allowances are being used by Tampa Electric to meet compliance standards for Phase I of the CAAA.

Project Projections: Estimated O & M costs for the period January 2001 through December 2001 are projected to be $771,953.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2001 Through December 2001
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: National Pollutant Discharge Elimination System (NPDES) Annual Surveillance Fees

Project Description:

Chapter 62-4.052, Florida Administrative Code (F. A. C.), implements the annual regulatory program and surveillance fees (annual fees) for wastewater permits. These fees are in addition to the application fees described in Rule 62-4.050, F. A. C. Tampa Electric's Big Bend, Hookers Point, Polk Power and Dinner Lake Stations are affected by this rule.

Project Accomplishments:

Project Fiscal Expenditures:	The actual/estimated depreciation plus return for the period January 2000 through December 2000 was $39,100 compared to an original projection of $48,300, representing a variance of –19.0%. This variance is due to the delay in delegation to the FDEP of the NPDES program from the USEPA for the Gannon facility.
Project Summary:	NPDES Surveillance fees are paid annually for the prior year.
Project Projections:	Estimated O & M costs for the period January 1999 through December 2001 are projected to be $50,600.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Energy & Demand Allocation % By Rate Class
January 2001 to December 2001

Rate Class	(1) Average 12 CP Load Factor at Meter (%)	(2) Projected Sales at Meter (kWh)	(3) Projected Avg 12 CP at Meter (kW)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (kWh)	(7) Projected Avg 12 CP at Generation (kW)	(8) Percentage of kWh Sales at Generation (%)	(9) Percentage of 12 CP Demand at Generation (%)	(10) 12 CP & 1/13 Allocation Factor (%)
RS, RST	54.73187%	7,670,033,000	1,599,753	1.058177	1.035443	7,941,881,980	1,692,822	44.97%	57.86%	56.87%
GS, GST, TS	59.49139%	970,053,542	186,139	1.058415	1.035439	1,004,431,269	197,012	5.69%	6.73%	6.65%
GSD, GSDT	78.41515%	4,713,618,387	686,199	1.057711	1.035057	4,878,863,707	725,800	27.62%	24.81%	25.03%
GSLD, GSLDT, SBF, SBFT	75.92561%	1,959,503,071	294,614	1.045933	1.027293	2,012,983,789	308,147	11.40%	10.53%	10.60%
IS1, IST1, SBI1, SBIT1, IS3, IST3, SBI	127.32181%	1,621,416,960	0	1.019822	1.010205	1,637,963,520	0	9.27%	0.00%	0.71%
SL/OL	1290.45988%	179,446,000	1,587	1.071429	1.035441	185,805,746	1,700	1.05%	0.06%	0.14%
TOTAL	68.29030%	17,114,070,960	2,768,292	1.054866	1.031795	17,661,930,011	2,925,481	100.00%	100.00%	100.00%

Notes:
(1) Average 12 CP load factor based on actual 1997 load research data
(2) Projected kWh sales for the period January 2000 to December 2000
(3) Calculated: (Column 2) / (8,760 hours X Column 1)
(4) Based on actual 1997 load research data
(5) Based on actual 1997 load research data
(6) Column 2 X Column 5
(7) Column 3 X Column 4
(8) Column 6 / Total Column 6
(9) Column 7 / Total Column 7
(10) Column 8 X 1/13 + Column 9 X 12/13

EXHIBIT NO.______
DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 1 OF 1
FORM 42-6P
FILED: SEPTEMBER 21, 2000

Tampa Electric Company

Form 42 - 7P

Environmental Cost Recovery Clause (ECRC)
Calculation of the Energy & Demand Allocation % By Rate Class
January 2001 to December 2001

Rate Class	(1) Percentage of kWh Sales at Generation (%)	(2) 12 CP & 1/13 Allocation Factor (%)	(3) Energy-Related Costs ($)	(4) Demand-Related Costs ($)	(5) Total Environmental Costs ($)	(6) Projected Sales at Meter (kWh)	(7) Environmental Cost Recovery Factors (¢/kWh)
RS, RST	44.97%	56.87%	12,035,767	164,352	12,200,119	7,670,033,000	0.159
GS, GST, TS	5.69%	6.65%	1,522,871	19,218	1,542,089	970,053,542	0.159
GSD, GSDT	27.62%	25.03%	7,392,215	72,336	7,464,550	4,713,618,387	0.158
GSLD, GSLDT, SBF, SBFT	11.40%	10.60%	3,051,095	30,634	3,081,729	1,959,503,071	0.157
IS1, IST1, SBI1, IS3, IST3, SBI3	9.27%	0.71%	2,481,022	2,052	2,483,074	1,621,416,960	0.153
SL/OL	1.05%	0.14%	281,022	405	281,427	179,446,000	0.157
TOTAL	100.00%	100.00%	26,763,992	288,996	27,052,988	17,114,070,960	0.158

Notes:

(1) From Form 42-6P, Column 8
(2) From Form 42-6P, Column 10
(3) Column 1 x Total Jurisdictional Energy Dollars from Form 42-1P, line 5
(4) Column 2 x Total Jurisdictional Demand Dollars from Form 42-1P, line 5
(5) Column 3 + Column 4
(6) Projected KWH sales for the period January 2000 to December 2000
(7) Column 5 / Column 6 x 100

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DOCKET NO. 000007-EI
TAMPA ELECTRIC COMPANY
(KOZ-2)
DOCUMENT NO. 1
PAGE 1 OF 1
FORM 42-7P
FILED: SEPTEMBER 21, 2000