ORIGINAL BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

ENVIRONMENTAL COST RECOVERY CLAUSE

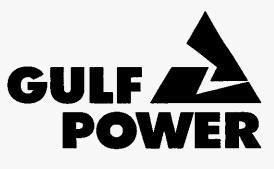
DOCKET NO. 990007-EI

PREPARED DIRECT TESTIMONY AND EXHIBIT OF SUSAN D. RITENOUR

FINAL TRUE-UP

OCTOBER 1997 – SEPTEMBER 1998 and OCTOBER 1998 – DECEMBER 1998

APRIL 1, 1999



A SOUTHERN COMPANY

DOCUMENT NUMBER-DATE

04206 APR-18

1	· ·	GULF POWER COMPANY
2		Before the Florida Public Service Commission Direct Testimony of
3 4		Susan D. Ritenour Docket No. 990007-EI Date of Filing: April 1, 1999
5	Q.	Please state your name, business address and
6		occupation.
7	Α.	My name is Susan Ritenour. My business address is One
8		Energy Place, Pensacola, Florida 32520. I hold the
9		position of Assistant Secretary and Assistant
10		Treasurer for Gulf Power Company. In this position, I
11		am responsible for supervising the Rates and
12		Regulatory Matters Department.
13		
14	Q.	Please briefly describe your educational background
15		and business experience.
16	A.	I graduated from Wake Forest University in
17		Winston-Salem, North Carolina in 1981 with a Bachelor
18		of Science Degree in Business and from the University
19		of West Florida in 1982 with a Bachelor of Arts Degree
20		in Accounting. I am also a Certified Public
21		Accountant licensed in the State of Florida. I joined
22		Gulf Power Company in 1983 as a Financial Analyst.
23		Prior to assuming my current position, I have held
24		various positions with Gulf including Computer

1		Modeling Analyst, Senior Financial Analyst, and
2		Supervisor of Rate Services.
3		My responsibilities include supervision of:
4		tariff administration, cost of service activities,
5		calculation of cost recovery factors, the regulatory
6		filing function of the Rates and Regulatory Matters
7		Department and various treasury activities.
8		
9	Q.	Have you prepared an exhibit that contains information
10		to which you will refer in your testimony?
L1	A.	Yes, I have.
12		Counsel: We ask that Ms. Ritenour's Exhibit
13		consisting of 16 schedules be marked as
L 4		Exhibit No(SDR-1).
15		
16	Q.	Are you familiar with the Environmental Cost Recovery
17		Clause (ECRC) True-up Calculation for the periods of
18		October 1997 through September 1998 and October
19		through December 1998 set forth in your exhibit?
20	A.	Yes. These documents were prepared under my
21		supervision.
22		
23	Q.	Have you verified that to the best of your knowledge
24		and belief the information contained in these

- documents is correct?
- 2 A. Yes, I have.

3

- 4 Q. What is the amount to be refunded or collected in the
- 5 recovery period beginning January 2000?
- 6 A. An amount to be refunded of \$50,275 was calculated
- 7 which is the sum of Line 3 on Schedule 1A-1 and Line 3
- 8 on Schedule 1A-2 of my exhibit.

9

- 10 Q. How was this amount calculated?
- 11 A. The \$50,275 is the sum of the final true-up under-
- recovery of \$14,963 for the period October 1997
- 13 through September 1998 and the final true-up over-
- recovery of \$65,238 for the period October through
- December 1998. The \$14,963 to be recovered was
- 16 calculated by taking the difference between the
- estimated October 1997 through September 1998 over-
- recovery of \$1,366,965 as approved in Order No. PSC-
- 19 98-1764-FOF-EI, dated December 31, 1998 and the actual
- over-recovery of \$1,352,002, which is the sum of
- 21 lines 5, 6, and 10 on Schedule 2A-1. The \$65,238 to
- 22 be refunded was calculated by taking the difference
- 23 between the estimated October 1998 through December
- 24 1998 over-recovery of \$2,411,941 which was also

approved in Order No. PSC-98-1764-FOF-EI and the 1 2 actual over-recovery of \$2,477,179. 3 Please describe Schedules 2A-1, 2A-2, 3A-1, and 3A-2 4 Q. 5 of your exhibit. 6 Schedule 2A-1 shows the calculation of the actual 7 over-recovery of environmental costs for the period 8 October 1997 through September 1998 Schedule 2A-2 9 shows the calculation of the actual over-recovery of environmental costs for the period October 1998 10 through December 1998. Schedules 3A-1 and 3A-2 of my 11 exhibit are the calculation of the interest provision 12 on the respective over-recoveries. This is the same 13 method of calculating interest that is used in the 14 Fuel Cost Recovery (FCR) and Purchased Power Capacity 15

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Please describe Schedules 4A-1, 4A-2, 5A-1, and 5A-2 18 0. 19 of your exhibit.

Cost (PPCC) Recovery clauses.

20 Schedules 4A-1 and 4A-2 compare the actual 0 & M Α. 21 expenses for the periods October 1997 through September 1998 and October through December 1998, with 22 23 the estimated/actual 0 & M expenses included in the approved estimated true-up filed in conjunction with 24 the November 1998 hearing. Schedules 5A-1 and 5A-2

1	show the monthly O & M expenses by activity, along
2	with the calculation of jurisdictional O & M expenses
3	for the recovery periods. Mr. Vick describes the main
4	reasons for the variances in O & M expenses in his
5	true-up testimony.

6

Q. Please describe Schedules 6A-1, 6A-2, 7A-1, and 7A-2 of your exhibit.

Schedules 6A-1 and 6A-2 for the periods October 1997 9 Α. 10 through September 1998 and October 1998 through December 1998 compare the actual carrying costs 11 related to investment with the estimated/actual amount 12 13 included in the approved estimated true-up filed in conjunction with the November 1998 hearing. 14 The 15 recoverable costs include the return on investment, depreciation expense, dismantlement accrual, property 16 tax, and cost of emission allowances associated with 17 18 each environmental capital project for the recovery periods. Schedules 7A-1 and 7A-2 provide the monthly 19 carrying costs associated with each project, along 20 21 with the calculation of the jurisdictional carrying costs. Mr. Vick describes any major variances in 22 recoverable costs related to environmental investment 23 24 for these true-up periods.

25

1.	Q.	Please describe Schedules 8A-1 and 8A-2 of your
2		exhibit.
3	A.	Schedules 8A-1 and 8A-2 provide the monthly
4:		calculation of the recoverable costs associated with
5		each capital project for each recovery period. As I
6		stated earlier, these costs include return on
7		investment, depreciation expense, dismantlement
8		accrual, property tax, and the cost of emission
9		allowances. Pages 1 through 15 of Schedules 8A-1 and
10		8A-2 show the investment and associated costs related
11.		to capital projects, while page 16 of each schedule
12		shows the investment and costs related to emission
13		allowances.
14		
15	Q.	Ms. Ritenour, does this conclude your testimony?
16	Α.	Yes, it does.
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18		
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AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 990007-EI

Before me the undersigned authority, personally appeared forsan D. Ritenour, who being first duly sworn, deposes, and says that she is the Assistant Secretary and Assistant Treasurer of Gulf Power Company, a Maine corporation, that a strong is true and correct to the best of her knowledge, information, and belief. She is personally known to me.

Susan D. Ritenour

Assistant Secretary and Assistant Treasurer

Sworn to and subscribed before me this <u>315+</u>day of <u>March</u>, 1999.

Notary Public, State of Florida at Large



LINDA C. WEBB Notary Public-State of FL Comm. Exp: May 31, 2002 Comm. No: CC 725969

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1997 - September 1998

Line No.		Period Amount (\$)
1	End of Period Actual Total True-Up for the Period	
	October 1997 - September 1998	
	(Schedule 2A-1, Lines 5 + 6 + 10)	1,352,002
2	Estimated/Actual True-Up Amount approved for the period	
	October 1997 - September 1998	
	(Order No. PSC-98-1764-F:)F-EI)	1,366,965
3	Final True-Up Amount to be refunded/(recovered) in the	
	projection period January 2000 - December 2000	
	(Line 1 - Line 2)	(14,963)

End-of-Period True-Up Amount (in Dollars)

<u>Li</u>	ne	<u>October</u>	November	<u>December</u>	January	February	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	End of Period <u>Amount</u>
1	ECRC Revenues (net of Revenue Taxes)	854,452	777,652	896,571	840,605	750,255	830,126	769,868	1,042,030	1,208,438	1,265,111	1,232,814	1,056,838	11,524,760
2	True-Up Provision (Order No. PSC-97-1047-FOF-EI)	51,197	51,197	51,197	51,197	51,197	51,197	51,197	51,197	51,197	51,197	51,197	51,193	614,360
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	905,649	828,849	947,768	891,802	801 452	881,323	821,065	1,093,227	1,259,635	1,316,308	1,284,011	1,108,031	12,139,120
4	Jurisdictional ECRC Costs a O & M Activities (Schedule 5A-1, Line 9) b Capital Investment Projects (Schedule 7A-1, Line 9) c Total Jurisdictional ECRC Costs	140,311 688,428 828,739	93,857 686,712 780,569	864,334 683,306 1,547,640	53,677 740,466 794,143	242,272 737,782 980,054	297,012 736,709 1,033,721	109,175 718,998 828,173	601,825 716,376 1,318,201	324,709 713,667 1,038,376	153,094 713,043 866,137	118,382 711,098 829,480	184,824 (220,789) (35,965)	3,183,472 7,625,796 10,809,268
5	Over/(Under) Recovery (Line 3 - Line 4c)	76,910	48,280	(599,872)	97,659	(178,602)	(152,398)	(7,108)	(224,974)	221,259	450,171	454,531	1,143,996	1,329,852
6	Interest Provision (Schedule 3A-1, Line 10)	4,555	4,658	3,225	1,795	1,347	359	(244)	(1,013)	(1,269)	41	1,893	5,191	20,538
7	Beginning Balance True-Up & Interest Provision	614,360	646,240	647,981	137	48,394	(180,058)	(383,294)	(441,843)	(719,027)	(550,234)	(151,219)	254,008	614,360
	a Deferred True-Up from October 1996 - September 1997 (Order No. PSC-98-1764-FOF-EI)	359,564	359,564	359,564	359,564	359,564	359,564	359,564	359,564	359,564	359,564	359,564	359,564	359,564
8	True-Up Collected/(Refunded) (See line 2)	(51,197)	(51,197)	(51,197)	(51,197)	(51,197)	(51,197)	(51,197)	(51,197)	(51,197)	(51,197)	(51,197)	(51,193)	(614,360)
,	End of Period Total True-Up (Lines 5 + 6 + 7 + 7a +8)	1,004,192	1,007,545	359,701	407,958	179,506	(23,730)	(82,279)	(359,463)	(190,670)	208,345	613,572	1,711,566	1,709,954
1	0 Adjustments to Period Total True-Up Including Interest	1,612												1,612
ı	1 End of Period Total Net True-Up (Lines 9 +10)	1,005,804	1,007.545	359,701	407,958	179,506	(23,730)	(82,279)	(359,463)	(190,670)	208,345	613,572	1,711,566	1,711,566

^{*} Note: See Schedule 5A-1 for details of adjustments made to O & M activities for August since the October 12, 1998 filing.

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Interest Provision (in Dollars)

Line	October	November	December	January	<u>February</u>	March	April	Мау	<u>June</u>	July	August	September	12-Month <u>Total</u>
1 Beginning True-Up Amount (Sch 2A-1, Lines 7 + 7a + 10)	975,536	1,005,804	1,007,545	359,701	407,958	179,506	(23,730)	(82,279)	(359,463)	(190,670)	208,345	613,572	
2 Ending True-Up Amt. Before Interest (Line 1 + Sch 2A-1, Lines 5+8)	1,001,249	1,002,887	356,476	406,163	178,159	(24,089)	(82,035)	(358,450)	(189,401)	208,304	611,679	1,706,375	
3 Total of Beginning & Ending True-up (Lines 1 + 2)	1,976,785	2,008,691	1,364,021	765,864	586,117	155,417	(105,765)	(440,729)	(548,864)	17,634	820,024	2,319,947	
4 Average True-Up Amount (Line 3 x 1/2)	988,393	1,004,346	682,011	382,932	293,059	77,709	(52,883)	(220,365)	(274,432)	8,817	410,012	1,159,974	
5 Interest Rate (First Day of Reporting Business Month)	0.055300	0.055300	0.056000	0.057500	0.055000	0.055300	0.055500	0.055300	0.055000	0.056000	0.055600	0.055200	
6 Interest Rate (First Day of Subsequent Business Month)	0.055300	0.056000	0.057500	0.055000	0.055300	0.055500	0.055300	0.055000	0.056000	0.055600	0.055200	0.052200	
7 Total of Beginning & Ending Interest Rates (Line 5 + Line 6)	0.110600	0.111300	0.113500	0.112500	0.110300	0.110800	0.110800	0.110300	0.111000	0.111600	0.110800	0.107400	
8 Average Interest Rate (Line 7 x 1/2)	0.055300	0.055650	0.0567 50	0.056250	0.055150	0.055400	0.055400	0.055150	0.055500	0.055800	0.055400	0.053700	
9 Monthly Average Interest Rate (Line 8 x 1/12)	0.004608	0.004638	0 (4729	0.004688	0.004596	0.004617	0.004617	0.004596	0.004625	0.004650	0.004617	0.004475	
10 Interest Provision for the Month (Line 4 x Line 9)	4,555	4 558	3,225	1,795	1,347	359	(244)	(1,013)	(1,269)	41	1,893	5,191	20,538

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1997 - September 1998

Variance Report in O & M Activities

(in Dollars)

		(1)	(2)	(3)	(4)
			Estimated/	Vari	ance
Line	ž	<u>Actual</u>	Actual	Amount	Percent
1	Description of O & M Activities				
	1 Sulfur	8,620	8,499	121	1.4 %
	.2 Air Emission Fees	135,334	135,334	0	0.0 %
	.3 Title V	42,876	45,391	(2,515)	(5.5) %
	.4 Asbestos Fees	4,825	5,125	(300)	(5.9) %
	.5 Emission Monitoring	276,761	265,056	11,705	4.4 %
	.6 General Water Quality	425,514	442,208	(16,694)	(3.8) %
	.7 Groundwater Monitoring Investigation	1,748,026	1,672,070	75,956	4.5 %
	.8 State NPDES Administration	35,043	34,585	458	1.3 %
	.9 Lead and Copper Rule	5,764	8,264	(2,500)	(30.3) %
	.10 Env Auditing/Assessment	328	1,217	(889)	(73.0) %
	.11 General Solid & Hazardous Waste	144,306	154,016	(9,710)	(6.3) %
	.12 Above Ground Storage Tanks	14,840	15,000	(160)	(1.1) %
	.13 Low Nox	<u>460,096</u>	<u>460,096</u>	Q	0.0 %
2	Total O & M Activities	3.302.333	3.246.861	<u>55.472</u>	1.7 %
3	Recoverable Costs Allocated to Energy	923,687	914,376	9,311	1.0 %
4	Recoverable Costs Allocated to Demand	2,378,646	2,332,485	46,161	2.0 %

Notes:

Column (1) is the End of Period Totals on Schedule 5A-1.

Column (2) is the approved Estimated/Actual amount in accordance with FPSC Order No. PSC-98-1764-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

4

O & M Activitles (in Dollars)

														End of		
								4 11						Period	Method of Ch	
Lin	<u>c</u>	October	November	<u>December</u>	lanuary	February	March	April	Мау	lune	July	August	September	Total	<u>Demand</u>	Energy
i	Description of O & M Activities															
-	.1 Sulfur	0	0	0	0	0	0	0	5,675	484	2,340	0	121	8,620		8,620
	.2 Air Emission Fees	0	0	0	0	135,334	0	0	0	0	0	0	0	135,334		135,334
	.3 Title V	3,057	3,963	5,230	3,366	4,652	4,981	3,135	3,183	3,290	3,254	2,835	1,930	42,876		42,876
	.4 Asbestos Fees	400	0	1,700	0	0	400	0	1,000	0	1,325	0	0	4,825	4,825	
	.5 Emission Monitoring	10,887	15,361	54,812	5,289	15,762	16,748	30,196	30,553	13,461	34,860	21,627	27,205	276,761		276,761
	.6 General Water Quality (C)	11,294	39,814	122,284	(6,405)	32,889	69,031	16,917	40,815	11,990	36,738	17,453	32,694	425,514	425,514	
	.7 Groundwater Monitoring Investigation	110,556	28,290	691,929	7,922	48,876	22,141	53,991	329,956	135,337	146,310	67,765	104,953	1,748,026	1,748,026	
	.8 State NPDES Administration	0	0	0	34,500	0	0	0	0	85	0	0	458	35,043	35,043	
	.9 Lead and Copper Rule	59	2,590	59	0	59	118	59	0	2,820	0	0	0	5,764	5,764	
	.10 Env Auditing/Assessment	492	(164)	0	0	0	0	0	0	0	0	0	0	328	328	
	.11 General Solid & Hazardous Waste	8,875	7,544	21,243	11,037	13,591	20,863	8,860	12,313	11,240	4,666	13,144	10,930	144,306	144,306	
	.12 Above Ground Storage Tanks	0	0	0	0	0	0	0	0	0	1,340	0	13,500	14,840	14,840	
	.13 Low Nox	Q	Q	0	Q	Q	173,269	Q	<u>200,500</u>	<u>158,098</u>	<u>(71,771)</u>	Q	<u>0</u>	<u>460.096</u>		460.096
2	Total of O & M Activities	145.620	<u>97.398</u>	<u>897.257</u>	<u>55.709</u>	<u>251.163</u>	307.551	113.158	<u>623.995</u>	<u>336.805</u>	159.062	<u>122.824</u>	191.791	3.302.333	<u>2.378.646</u>	923.687
,	Recoverable Costs Allocated to Energy	13,944	19,324	60,042	8,655	155,748	194,998	33,331	239,911	175,333	(31,317)	24,462	29,256	923,687		
3	Recoverable Costs Allocated to Demand	131,676		837,215	47,054	95,415	112,553	79,827	384,084	161,472	190,379	98,362	162,535	2,378,646		
7	Recoverable Costs Attocated to Demand	131,070	70,074	057,215	,02	20,710	112,000	,	,	,	,	,		-,0 - 0,0 10		
5	Retail Energy Jurisdictional Factor	0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673070	0.9651727	0.9635643	0.9654378	0.9650986	0.9650180			
6	Retail Demand Jurisdictional Factor	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890			
_																
7	Jurisdictional Energy Recoverable Costs (A)	13,482	18,657	57,938	8,355	150,369	188,602	32,287	231,880	169,181	(30,277)	23,641	28,272	892,387		
8	Jurisdictional Demand Recoverable Costs (B)	126.829	75,200	806.396	45,322	91.903	108.410	<u>76.888</u>	<u> 369.945</u>	155,528	<u> 183.371</u>	<u>94,741</u>	<u>156.552</u>	2,291.085		
	, ,															
9	Total Jurisdictional Recoverable Costs															
	for O & M Activities (Lines 7 + 8)	140.311	93.857	864.334	<u>53.677</u>	242.272	297.012	109 175	601.825	<u>324.709</u>	153.094	118.382	184.824	3.183.472		

Notes:

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⁽A) Line 3 x Line 5 x 1.0014 line loss multiplier

⁽B) Line 4 x Line 6

⁽C) Expenses for August have been adjusted since the October 12, 1998 filing to reflect a \$217 correction to General Water Quality

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1997 - September 1998

Variance Report of Capital Investment Projects - Recoverable Costs (in Dollars)

		(1)	(2)	(3)	(4)	
			Estimated/	Var	iance	
Line	2	<u>Actual</u>	Actual	Amount	Percent	
1	Description of Investment Projects					
	.1 Air Quality Assurance Testing	44,204	44,204	0	0.0	%
	.2 Crist 5, 6 & 7 Precipitator Projects	3,161,531	3,161,531	0	0.0	%
	.3 Crist 7 Flue Gas Conditioning	273,162	273,162	0	0.0	%
	.4 Low NOx Burners, Crist 6 & 7	2,101,029	2,101,029	0	0.0	%
	.5 CEMs - Crist 1,4-7, Scholz 1, Smith 1 & 2, Daniel	652,508	652,508	0	0.0	%
	.6 Sub. Contam. Mobile Groundwater Treat System	30,322	30,322	0	0.0	%
	.7 Crist Cooling Tower Cell	114,472	114,472	0	0.0	%
	.8 Crist 1-5 Dechlorination	39,816	39,816	0	0.0	%
	.9 Crist Diesel Fuel Oil Remediation	6,184	6,184	0	0.0	%
	.10 Crist Bulk Tanker Unload Sec Contain Struc	13,240	13,240	0	0.0	%
	.11 Crist IWW Sampling System	7,734	7,734	0	0.0	%
	.12 Smith Stormwater Collection System	362,154	362,154	0	0.0	%
	.13 Smith Waste Water Treatment Facility	22,219	22,219	0	0.0	%
	.14 Daniel Ash Management Project	2,135,771	2,135,771	0	0.0	%
	.15 Underground Fuel Tank Replacement	91,089	91,089	0	0.0	%
	.16 SO2 Allowances	(1,154,931)	(1,155,133)	<u>202</u>	0.0	%
2	Total Investment Projects - Recoverable Costs	<u>7.900.504</u>	7.900.302	202	0.0	%
3	Recoverable Costs Allocated to Energy	5,294,658	5,294,456	202	0.0	0 ,
4	Recoverable Costs Allocated to Demand	2,605,846	2,605,846	0	0.0	%

Notes:

Column (1) is the End of Period Totals on Schedule 7A-1

Column (2) is the approved Estimated/Actual amount in accordance with FPSC Order No. PSC-98-1764-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

37)

Capital Investment Projects - Recoverable Costs (in Dollars)

														End of		
														Period	Method of	Classification
Lin	g .	October	November	<u>December</u>	<u>lanuary</u>	February	March	April	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	Total	Demand	Energy
1	Description of Investment Projects (A)															
	.1 Air Quality Assurance Testing	3,823	3,798	3,772	3,747	3,722	3,696	3,671	3,646	3,620	3,595	3,570	3,544	44,204	0	44,204
	.2 Crist 5, 6 & 7 Precipitator Projects	251,414	250,843	250,273	270,701	269,943	269,184	268,426	267,666	266,908	266,150	265,391	264,632	3,161,531	0	3,161,531
	.3 Crist 7 Flue Gas Conditioning	21,777	21,733	21,690	23,342	23,284	23,224	23,166	23,107	23,048	22,989	22,931	22,871	273,162	0	273,162
	.4 Low NOx Burners, Crist 6 & 7	172,553	172,219	170,062	178,728	177,703	176,950	176,527	176,104	175,681	175,258	174,834	174,410	2,101,029	0	2,101,029
	.5 CEMs - Crist 1,4-7, Scholz 1, Smith 1 & 2, Daniel	52,721	52,649	52,740	55,577	55,461	55,104	54,992	54,879	54,766	54,653	54,540	54,426	652,508	0	652,508
	.6 Substation Contamination Investigation	1,624	1,620	1,616	1,634	1,630	1,626	2,595	3,575	3,598	3,606	3,601	3,597	30,322	27,988	2,334
	.7 Crist Cooling Tower Cell	9,060	9,041	9,023	9,807	9,781	9,756	9,731	9,705	9,680	9,655	9,629	9,604	114,472	105,666	8,806
	.8 Crist I-5 Dechlorination	3,205	3,199	3,193	3,389	3,382	3,373	3,366	3,358	3,349	3,342	3,334	3,326	39,816	36,753	3,063
	.9 Crist Diesel Fuel Oil Remediation	498	497	495	526	526	524	523	521	520	519	518	517	6,184	5,710	474
	.10 Crist Bulk Tanker Unload Sec Contain Struc	1,065	1,064	1,061	1,127	1,124	1,122	1,120	1,117	1,114	1,111	1,109	1.106	13,240	12,222	1,018
	.11 Crist IWW Sampling System	623	621	620	658	657	655	654	652	651	649	648	646	7,734	7,138	596
	.12 Smith Stormwater Collection System	29,651	29,596	29, 539	30,638	30,572	30,507	30,440	30,374	30,309	30,242	30,176	30,110	362,154	334,296	27,858
	.13 Smith Waste Water Treatment Facility	1,818	1,815	1,811	1,881	1,876	1,872	1,868	1,864	1,8 6 0	1,856	1,851	1,847	22,219	20,510	1,709
	.14 Daniel Ash Management Project	177,013	176,739	176,465	179,640	179,329	179,018	178,706	178,395	178,084	177,772	177,461	177,149	2,135,771	1,971,480	164,291
	.15 Underground Fuel Tank Replacement	5,164	5,151	5,137	8,579	8,537	8,491	8,448	8,404	8,360	8,317	8,272	8,229	91,089	84,083	7,006
	.16 SO2 Allowances	(19.176)	(18.810)	(18,282)	(2.446)	(2.836)	(2,503)	(20,736)	(21.421)	(21.538)	(21.362)	(21. 344)			. 0	(1.154.931)
2	Total Investment Projects - Recoverable Costs	<u>712.833</u>	<u>711.775</u>	708.508	<u>767.528</u>	<u> 764.691</u>	<u>762.599</u>	<u>743.497</u>	<u>741.946</u>	740.010	<u>738.352</u>	<u>736.521</u>	(227.755)	7.900.504	2.605.84 <u>6</u>	<u>5.294.658</u>
3	Recoverable Costs Allocated to Energy	500,783	500,074	497,160	547,948	545,539	543,880	524,313	522,285	520,757	519,520	518,121	(445,721)	5,294,658		
4	Recoverable Costs Allocated to Demand	212,050	211,701	211,348	219,580	219,152	218,719	219,184	219,661	219,253	218,832	210,400	217,966	2,605,846		
•	Treest Ball Could / Historica to Deliana					,	,		,		,	214,102	200,000	_,005,510		
5	Retail Energy Jurisdictional Factor	0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673070	0.9651727	0.9635643	0.96*1078	0.9650	0.9650180			
6	Retail Demand Jurisdictional Factor	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9531890	0.9 63 (90)	0.9631890			
7	Jurisdictional Energy Recoverable Costs (B)	484,184	482,804	479,738	528,969	526,697	526,041	507,882	504,801	502,48	502,266	∞0,738	(430,731)	5,115,874		
8	Jurisdictional Demand Recoverable Costs (C)	204.244	<u>203.908</u>	203.568	<u>211.497</u>	211.085	210,668	211,116	211.575	211.1	210.777	210,360	<u> 209.942</u>	2,509,922		
9	Total Jurisdictional Recoverable Costs															
	for Investment Projects (Lines 7 + 8)	688.428	<u>686.712</u>	<u>683.306</u>	<u>740.466</u>	<u>737.782</u>	<u>736,709</u>	<u>718.998</u>	<u>716.376</u>	<u> 17س 71</u>	71	<u>711.098</u>	(220.789)	7.625.796		

Notes:

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 ⁽A) Each project's Total System Recoverable Expenses on Schedule 8A-1, Line 9
 (B) Line 3 x Line 5 x 1.0014 line loss multiplier
 (C) Line 4 x Line 6

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes

For Project: Air Quality Assurance Testing P.E. 1006 (in Dollars)

Line 1	Beginning of Description Period Amount Investments	<u>October</u>	November	<u>December</u>	lanuary	<u>February</u>	March	<u>April</u>	Мау	June	luly	August	<u>September</u>	End of Period Amount
	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 (A)	0	0	0	0	0	0	0	0	0	0	o	0	
2	Plant-in-Service/Depreciation Base 239,115	239,115	239,115	239,115	239,115	239,115	239,115	239,115	239,115	239,115	239,115	239,115	239,115	
3	Less: Accumulated Depreciation (B) (128,097)	(130,944)	(133,791)	(136,638)	(139,485)	(142,332)	(145,179)	(148,026)	(150,873)	(153,720)	(156,567)	(159,414)	(162,261)	
4	CWIP - Non Interest Bearing 0	Ò	o o	Ò	0	0	0	0	0	0	0	. 0	0	
5	Net Investment (Lines 2 - 3 + 4) 111,018	108,171	105,324	102,477	99,630	96,783	93,936	91,089	88,242	85,395	82,548	79,701	76,854	
6	Average Net Investment	109,595	106,748	103,901	101,054	98,207	95,360	92,513	89,666	86,819	83,972	81,125	78,278	
7	Return on Average Net Investment													
	a Equity Component Grossed Up For Taxes (C)	655	638	621	604	587	570	553	536	519	502	485	468	6,738
	b Debt Component (Line 6 x 3.5137% x 1/12)	321	313	304	296	288	279	271	263	254	246	238	229	3,302
8	Investment Expenses													
-	a Depreciation	2,847	2,847	2,847	2,847	2,847	2,847	2,847	2,847	2,847	2,847	2,847	2,847	34,164
	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 (D)	. 0		0	0	0_	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	3,823	3,798	3,772	3.747	3.722	3,696	3,671	3,646	3,620	3,595	3,570	3,544	44,204
•	a Recoverable Costs Allocated to Energy	3,823	3,798	3.772	3,747	3,722	3,696	3,671	3,646	3,620	3,595	3,570	3,544	44,204
	b Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0	0	0	0	0
10 11	Energy Jurisdictional Factor Demand Jurisdictional Factor	0.9655023 0.9631890	0.9641155 0.9631890	0.9636088 0.9631890	0.9640143 0.9631890	0.9641121 0.9631890	0.9658476 0.9631890	0.9673070 0.9631899	0.9655727 0.9655890	0.9635643 0.9631890	0.9654378 0.9631890	0.9650986 0.9631890	0.9650180 0.9631890	
12	Retail Energy-Related Recoverable Costs (E)	3,696	3,667	3,640	3,617	3,593	3,575	3%	3,524	3,493	3,476	3,450	3,425	42,712
13	Retail Demand-Related Recoverable Costs (F)	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	3,696	3,667	3,640	3,617	3,593	3,575	3,556	3,524	3,493	3,476	3,450	3,425	42,712

Notes

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 1 t

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Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Crist 5, 6 & 7 Precipitator Projects
P.E.s 1119, 1216, 1243
(in Dollars)

Lin	: <u>Descripțion</u> Investments	Beginning of Period Amount	October	November	December	January	February	March	April	May	lune	July	August	September	End of Period Amount
	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	σ	0	0	0	0	0	0	0	0	0	
	c Retirements														
	d Other (A)														
2	Plant-in-Service/Depreciation Base	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24.440.825	24.440.825	
3	Less: Accumulated Depreciation (B)		(3,439,757)		,		(3,738,317)	(3,823,504)	(3,908,691)	(3,993,878)	(4,079,065)	(4,164,252)	(4,249,439)	(4,334,626)	
4	CWIP - Non Interest Bearing	0	` o´	` ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′	oʻ	` o	``o´	0	0	0	o		0	0	
5	Net Investment (Lines 2 - 3 + 4)	21,065,161	21,001,068	20,936,975	20,872,882	20,787,695	20,702,508	20,617,321	20,532,134	20,446,947	20,361,760	20,276,573	20,191,386	20,106,199	
6	Average Net Investment		21,033,115	20,969,022	20,904,929	20,830,289	20,745,102	20,659,915	20,574,728	20,489,541	20,404,354	20,319,167	20,233,980	20,148,793	
7	Datum - A Mad Entered														
,	Return on Average Net Investment a Equity Component Grossed Up For Tax	ves (C)	125,736	125,353	124,970	124,523	124,014	123,505	122,996	122,486	121,977	121,468	120,959	120,449	1,478,436
	b Debt Component (Line 6 x 3.5137% x 1		61,585	61,397	61,210	60,991	60,742	60,492	60,243	59,993	59,744	59,495	59,245	58,996	724,133
	b Dest component (Lute o x 3.313776 x	1712)	01,505	04,557	01,210	20,221	00,712	00,152	00,2.13	27,772	55,7.1.	02,120	22,213	30,570	, 21,100
8	Investment Expenses														
	a Depreciation		54,992	54,992	54,992	71,294	71,294	71,294	71,294	71,294	71,294	71,294	71,294	71,294	806,622
	b Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Dismantjement		9,101	9,101	9,101	13,893	13,893	13,893	13,89 3	13,893	13,893	(3,893	13,893	13,893	152,340
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (D)	_	0	0	0	0	0	0		0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines	7 ± 8)	251,414	250,843	250,273	270,701	269,943	269,184	2 . 26	267,666	266,908	266,150	265.391	264,632	3,161,531
,	Recoverable Costs Allocated to Energy	•	251,414	250,843	250,273	270,701	269,943	269,184	∋c,426	267,666	266,908	266,150	265,391	264,632	3,161,531
	b Recoverable Costs Allocated to Deman		0	0	0	0	0	0	0	0	0	0	0	0	0
	D 1100 141010 CONT 11100110 10 2 01111		_	_		•									
10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673010	0.9651727	0.9635643	0.9654378	0.9650986	0.9650180	
11	Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.96318 90	J.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
12	Retail Energy-Related Recoverable Costs (I		243,081	242,180	241,503	261,325	260,620	267-355	2 4,014	258,706	257,543	257,311	256,487	255,732	3,054,857
13	Retail Demand-Related Recoverable Costs	• ′	0	0	0	0	0	Ų.	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lin	es l2 + l3) _	243,081	242,180	241,503	261,325	260,620	260,355	260,014	258,706	257,543	257,311	256,487	255,732	3,054,857

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- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Return on Capital Investments, Depreciation and Taxes For Project: Crist 7 Flue Gas Conditioning P.E. 1228 (in Dollars)

<u>Line</u>	<u>Description</u> Investments	Beginning of Period Amount	October	November	<u>December</u>	January	February	March	April	May	June	July	August	September	End of Period Amount
•	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	Ō	0	0	
	c Retirements														
	d Cost of Removal (A)														
	e Salvage														
2	Plant-in-Service/Depreciation Base	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	
3	Less: Accumulated Depreciation (B)	(282,099)	(287,002)	(291,905)	(296,808)	(303,415)	(310,022)	(316,629)	(323,236)	(329,843)	(336,450)	(343,057)	(349,664)	(356,271)	
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)	1,897,146	1,892,243	1,887,340	1,882,437	1,875,830	1,869,223	1,862,616	1,856,009	1,849,402	1,842,795	1,836,188	1,829,581	1,822,974	_
6	Average Net Investment		1,894,695	1,889,792	1,884,889	1,879,134	1,872,527	1,865,920	1,859,313	1,852,706	1,846,099	1,839,492	1,832,885	1,826,278	
7	Return on Average Net Investment														
	 Equity Component Grossed Up For Taxes 	(C)	11,326	11,297	11,268	11,233	11,194	i 1,154	11,115	11,075	11,036	10,996	10,957	10,917	133,568
	b Debt Component (Line 6 x 3.5137% x 1/1	2)	5,548	5,533	5,519	5,502	5,483	5,463	5,444	5,425	5,405	5,386	5,367	5,347	65,422
8	Investment Expenses														
	a Depreciation		4,903	4,903	4,903	6,357	6,357	6,357	6,357	6,357	6,357	6,357	6,357	6,357	71,922
	b Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Dismantlement		0	0	0	250	250	250	250	250	250	250	250	250	2,250
	d Property Taxes		Q	0	0	0	0	0	0	0	0	0	0	U	0
	e Other (D)		0	0	0	0_		0	0	0_		0			0
	Table 1	. 6	21,777	21,733	21,690	22.242	22.204	22.224	23,166	23,107	23.048	22,989	22,931	22,871	273,162
9	Total System Recoverable Expenses (Lines 7 - Recoverable Costs Allocated to Energy	r a)	21,777	21,733	21,690	23,342 23,342	23,284 23,284	23,224 23,224	23,166	23,107	23,048	22,989	22,931	22,871	273,162
	b Recoverable Costs Allocated to Demand		21,777	21,733	21,0 9 0 N	23,342 0	23,264 ()	23,224	23,100	23,107	43,040 0	22,707	22,931	22,011	2/3,102
	B Recoverable Costs Allocated to Demand		v	U	U	U	U	v	U	v	U	U	v	·	·
10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673070	0.9651727	0.9635643	0.9654378	0.9650986 0.9631890	0.9650180 0.9631890	
11	Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	V.903 C090	0.9031890	
12	Retail Energy-Related Recoverable Costs (E)		21,055	20,982	20,930	22,534	22,480	22,462	22,440	22,333	22,239	22,226	22,162	22,102	263,945
13	Retail Demand-Related Recoverable Costs (F)		1,053	20,502	20,550	0	22,460	22,402	22,440	0	0	-1,210	22,102	22,102	0
14	Total Jurisdictional Recoverable Costs (Lines		21,055	20,982	20,930	22,534	22,480	22,462	22,440	22,333	22.239	22,226	22,162	22,102	263,945
. 7	- com sufficient and a cincia code (Chica	15,							,				,.02		

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes For Project: Low NOx Burners, Crist 6 & 7 P.E.s 1236 and 1242 (in Dollars)

Line 1	<u>Description</u> Investments	Beginning of Period Amount	October	November	December	January	February	March	April	May	<u>(june</u>	înță	August	September	End of <u>Period Amount</u>
	a Expenditures/Additions		0	0	(409,222)	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	(185,172)	(224,050)	0	0	0	0	0	0	0	0	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	16,705,582	16.705,582	16,705,582	16,520,410	16,296,360	16,296,360	16,296,360	16,296,360	16.296,360	16,296,360	16,296,360	16,296,360	16.296.360	
3	Less: Accumulated Depreciation (B)	(1,532,317)	(1.569,905)	(1,607,493)	(1,645,081)	(1,693,541)	(1.741.404)	(1.788,940)	(1,836,476)	(1,884,012)	(1,931,548)	(1,979,084)	(2,026,620)	(2,074,156)	
4	CWIP - Non Interest Bearing	0	O	0	(224,050)	0	O	0	0	0	0	Ò	O O	0	
5	Net Investment (Lines 2 - 3 + 4)	15,173,265	15,135,677	15,098,089	14,651,279	14,602,819	14,554,956	14,507,420	14,459,884	14,412,348	14,364,812	14,317,276	14,269,740	14,222,204	-
6	Average Net Investment		15,154,471	15,116,883	14,874,684	14,627,049	14,578,888	14,531,188	14,483,652	14,436,116	14,388,580	14,341,044	14,293,508	14,245,972	
7	Return on Average Net Investment														
	 Equity Component Grossed Up For Taxes 		90,593	90,369	88,921	87,440	87,153	86,867	86,583	86,299	86,015	85,731	85,447	85,162	1,046,580
	b Debt Component (Line 6 x 3.5137% x 1/1)	2)	44,372	44,262	43,553	42,828	42,687	42,547	42,408	42,269	42,130	41,991	41,851	41,712	512,610
8	Investment Expenses														
	a Depreciation		37,588	37,588	37,588	48,460	47,863	47,536	47,536	47,536	47,536	47,536	47,536	47,536	541,839
	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 (D)		0	0	0	0	<u> 0</u>	0	0	0	0	0	0_	0	0
9	Total System Recoverable Expenses (Lines 7 +	- 8)	172,553	172,219	170,062	178,728	177,703	176,950	176,527	176,104	175,681	175,258	174.834	174.410	2,101,029
,	Recoverable Costs Allocated to Energy	0,	172,553	172,219	170,062	178,728	177,703	176,950	176,527	176,104	75,681	175,258	174,834	174,410	2,101,029
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	C	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673070	0.965	2.9635643	0.9654378	0.9650986	0.9650180	
11	Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	0.963 (890	0.9631890	0.9631890	0.9631890	0.9611090	6.1.631 890	0.9631890	0.9631890	0.9631890	
12	Retail Energy-Related Recoverable Costs (E)		166,834	166,271	164,103	172,538	171,565	171,146	170,995	-70,209	69,517	169,438	168,968	168,544	2,030,128
13	Retail Demand-Related Recoverable Costs (F)		0	0	C	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	166,834	166,271	164,103	172,538	171,565	171,146	170,995	170,209	69,517	169,438	168,968	168,544	2,030,128

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7,1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
 (E) Line 9a x Line 10 x 1.0014 tine loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes
For Project: CEMs - Crist 1,4-7, Scholz 1, Smith 1 & 2, Daniel
P.E.s 1164,1240,1245,1286,1289,1290,1323,1459,1460 & 1558
(in Dollars)

	Line	Beginni Description Period A		November	December	January	February	March	April	Мау	June	July	August	September	End of Period Amount
	1	Investments													
		a Expenditures/Additions	5,432	(1,761)	43,393	0	0	0	0	0	0	0	0	0	
		b Clearings to Plant	0	0	168,069	(1,500)	0	0	0	0	0	0	0	0	
		c Retirements	0	0	0	170,730	0	0	0	0	0	0	0	0	
		d Cost of Removal (A)	0	0	675	0	1,601	0	0	0	0	0	0	0	
		e Salvage	0	0	1,500	0	0	0	0	0	0	0	0	0	
	2	Plant-in-Service/Depreciation Base 4,884		4,884,314	5,052,383	4,880,153	4,880,153	4,880,153	4,880,153	4,880,153	4,880,153	4,880,153	4,880,153	4,880,153	
	3		(418,390)	(428,562)	(439,559)	(281,775)	(293,113)	(305,802)	(318,491)	(331,180)	(343,869)	(356,558)	(369,247)	(381,936)	
	4	CWIP - Non Interest Bearing	,505 124,937	123,176	(1,500)	0	0	0	0	0	0	0	<u> </u>	0	•
	5	Net Investment (Lines 2 - 3 + 4) 4,59:	,600 4,590,861	4,578,928	4,611,324	4,598,378	4,587,040	4,574,351	4,561,662	4,548,973	4,536,284	4,523,595	4,510,906	4,498,217	
	6	Average Net Investment	4,593,231	4,584,895	4,595,126	4,604,851	4,592,709	4,580,696	4,568,007	4,555,318	4,542,629	4,529,940	4,517,251	4,504,562	
	7	Return on Average Net Investment													
		a Equity Component Grossed Up For Taxes (C)	27,458	27,409	27,470	27,528	27,455	27,383	27,308	27,232	27,156	27,080	27,004	26,928	327,411
		b Debt Component (Line 6 x 3.5137% x 1/12)	13,449	13,425	13,455	13,483	13,447	13,412	13,375	13,338	13,301	13,264	13,227	13,189	160,365
	8	Investment Expenses													
		a Depreciation	10,171	10,172	10,172	12,946	12,939	12,689	12,689	12,689	12,689	12,689	12,689	12,689	145,223
		b Amortization	0	0	0	0	0	0	0	0	0	0	0	0	Ü
		c Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	Ų 10 šee
٠,		d Property Taxes	1,643	1,643	1,643	1,620	1,620	1,620	1,620 0	1,620	1,620	1,620	1,620	1,620	19,509 n
J		e Other (D)	0	<u> </u>	<u> </u>		0		0	0	0	<u> </u>	<u>_</u>		
	9	Total System Recoverable Expenses (Lines 7 + 8)	52.721	52,649	52,740	55,577	55,461	55,104	54,992	5879	54,766	54,653	54,540	54,426	652,508
	•	a Recoverable Costs Allocated to Energy	52,721	52,649	52,740	55,577	55,461	55,104	54,992	54,879	54,766	54,653	54,540	54,426	652,508
		b Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	. 0	0	0	0	0	0
	10	Energy Jurisdictional Factor	0.96\$5023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673070	0.9651727	0.963 5643	0.9654378	0.9650986	0.9650180	
		Demand Jurisdictional Factor	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
	12	Retail Energy-Related Recoverable Costs (E)	50,974	50,831	50.892	53,652	53,545	53,297	53,269	53,042	52,844	52,838	52,710	52,596	630,490
		Retail Demand-Related Recoverable Costs (F)	0	0	0	0	0	0	0	0	0	Ġ	0	0	0
		Total Jurisdictional Recoverable Costs (Lines 12 + 13)	50,974	50,831	50,892	53,652	53,545	53,297	53,269	53,042	52,844	52,838	52,710	52,596	630,490

Notes

2

- (A) Cost of Removal Associated with PE 1164
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes For Project: Sub. Contam. Mobile Groundwater Treat. Sys. P.E.s 1007 and 3400 (in Dollars)

Lin	-	ning of Amount October	November	December	January	February	March	April	May	June	July	August	September	End of Period Amount
T	Investments								·				-	
	a Expenditures/Additions	0	0	0	0	0	0	218,315	3,148	2,746	(56)	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 Cost of Removal (A)	0	0	0	0	0	0	0	0	0	0	0	0	
	e Retirements	0	0	0	0	0	0	0	0	0	0	0	0	
2		43,018 143,018	143,018	143,018	143,018	143,018	143,018	143,018	143,018	143,018	143,018	143,018	143,018	
3		(10,067) (10,509		(11,393)	(11,857)	(12,321)	(12,785)	(13,249)	(13,713)	(14,177)	(14,641)	(15,105)	(15,569)	
4	CWIP - Non Interest Bearing	0 0	0	0	0	0	0	218,315	221,463	224,209	224,153	224,153	224,153	,
5	Net Investment (Lines 2 - 3 + 4)	32,951 132,509	132,067	131,625	131,161	130,697	130,233	348,084	350,768	353,050	352,530	352,066	351,602	
6	Average Net Investment	132,730	132,288	131,846	131,393	130,929	130,465	239,159	349,426	351,909	352,790	352,298	351,834	
7	Return on Average Net Investment													
-	a Equity Component Grossed Up For Taxes (C)	793	791	788	785	783	780	1,430	2,088	2,104	2,109	2,106	2,103	16,660
	b Debt Component (Line 6 x 3.5137% x 1/12)	389	387	386	385	383	382	701	1,023	1,030	1,033	1,031	1,030	8,160
	•													
8	Investment Expenses				***	200	300	220	220	220	220	220	110	3,882
	a Depreciation	307		307	329	329	329	329 135	329 135	329 135	329 135	329 135	329 135	1,620
	b Amortization	135		135	135	135	135	135	133	133	133	133	133	1,020
	c Dismantlement	0	. 0	0	0	0	0	0	0	0	0	0	0	ň
	d Property Taxes	· ·		0	0	0	0	0	ñ	n	0	0	Ŏ	ŏ
	e Other (D)							<u> </u>						<u>~</u>
9	Total System Recoverable Expenses (Lines 7 + 8)	1,624	1,620	1,616	1.634	1.630	1,626	2,595	3,575	3,598	3,606	3,601	3,597	30,322
•	a Recoverable Costs Allocated to Energy	125	•	124	126	125	125	260	275	277	278	277	277	2,334
	b Recoverable Costs Allocated to Demand	1,499	1,495	1,492	1,508	1,505	1,501	↑ .95	3,300	3,321	3,328	3,324	3,320	27,988
		0.000	0.0641155	0.041/000	0.0040143	0.0641123	0.9658476	0 -73070	0.9651/27	0,9635643	0.9654378	0.9650986	0.9650180	
10		0.9655023	0.9641155 0.9631890	0.9636088 0.9631890	0.9640143 0.9631890	0.9641121 0.9631890	0.9631890	-631890	1,9631890	0.9631890	0.9631890	0.9631890	0.9631890	
l i	Demand Jurisdictional Factor	0.9631890	0.901690	טלפונסינ.ט	U.703107U	טינסו נסיד.ט	U.70.107U	001690	UKD1 CDK.1	V.703 E07U	טלסו כטל.ט	U,7U,7U	U.7UJ 107U	
12	Retail Energy-Related Recoverable Costs (E)	121	121	120	122	121	121	194	266	267	269	268	268	2,258
13	Retail Demand-Related Recoverable Costs (F)	1.444		1,437	1,452	1,450	1.44	2,307	3,179	3,199	3,205	3,202	3,198	26,959
14				1,557	1,574	1,571	1 167	2,	3,445	3,466	3,474	3,470	3,466	29,217

(A) Description and reason for 'Other' adjustments to net Investment for this project
 (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal

⁽C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)

⁽D) Description and reason for 'Other' adjustments to investment expenses for this project

⁽E) Line 9a x Line 10 x 1.0014 line loss multiplier

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes For Project: Crist Cooling Tower Cell P.E. 1232 (in Dollars)

Li	Beginning of ne <u>Description</u> Period Amount Investments	October	November	December	January	February	March	April	Мау	June	July	August	September	End of Period Amount
	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													
	d Other (A)													
2	Plant-in-Service/Depreciation Base 906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	
3	Less: Accumulated Depreciation (B) (117,482)	(119,522)	(121,562)	(123,602)	(126,447)	(129,292)	(132,137)	(134,982)	(137,827)	(140,672)	(143,517)	(146,362)	(149,207)	
4	CWIP - Non Interest Bearing 0	0	0	0	00	0	0	0	, O	0	0	0	0	_
5	Net Investment (Lines 2 - 3 + 4) 789,177	787,137	785,097	783,057	780,212	777,367	774,522	771,677	768,832	765,987	763,142	760,297	757,452	
	A NI.a I	788,157	786,117	784,077	781,635	778,790	775,945	773,100	770,255	767,410	764,565	761,720	758,875	
0	Average Net Investment	766,137	700,117	104,077	101,033	710,170	115,745	775,100	7.0,233	707,710	101,505	.02(,,20	,,,,,,,	
7	Return on Average Net Investment													
	a Equity Component Grossed Up For Taxes (C)	4,712	4,699	4,687	4,673	4,656	4,639	4,622	4,605	4,588	4,571	4,554	4,537	55,543
	b Debt Component (Line 6 x 3.5137% x 1/12)	2,308	2,302	2,296	2,289	2,280	2,272	2,264	2,255	2,247	2,239	2,230	2,222	27,204
_														
8		2,040	2,040	2,040	2.645	2,645	2,645	2,645	2,645	2,645	2,645	2,645	2,645	29,925
	a Depreciation b Amortization	2,040	2,040	2,540	2,045	2,0.0	2,5,5	2,5 .5	-,- :-	-,0	0	0	0	. 0
	c Dismantlement	Ö	ō	Ď	200	200	200	200	200	200	200	200	200	1,800
	d Property Taxes	Ö	Ō	Ō	0	0	0	0	0	0	0	0	0	0
	e Other (D)	0	0	0	0	0	0_	0	0	0	0	0	0	0
					0.057	0.761	0.751	0.721	0.70*	9,680	9,655	9,629	9,604	114,472
9		9,060	9,041	9,023	9,807	9,781	9,756 750	9,731 749	9,705 747	745	7,033 743	741	739	8,806
	a Recoverable Costs Allocated to Energy	697	695	694 8,329	754 9.053	752 9.029	9,006	8,982	8,958	8,935	8,912	8,888	8.865	
	b Recoverable Costs Allocated to Demand	8,363	8,346	6,329	9,033	7,029	7,000	0,702	0.7,0	0,733	0,712	0,000	0,005	105,000
10	0 Energy Jurisdictional Factor	0.9655023	0.9641155	0.96%6088	0.9640143	0.9641121	0.9658476	0.9673070	0.9651727	0.9635643	0.9654378	0.9650986	0.9650180	
i	I Demand Jurisdictional Factor	0.9631890	0.9631890	0.963!890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
	2. But il Farmon Bulated Beautismble Contr. (F)	674	671	670	728	726	725	726	722	719	718	716	714	8,509
1.	2 Retail Energy-Related Recoverable Costs (E) 3 Retail Demand-Related Recoverable Costs (F)	8,055	8,039	8,022	8,720	8,697	8,674	8.651	8.628	8.606	8,584	8,561	8,539	
1.	4 Total Jurisdictional Recoverable Costs (Lines 12 + 13)	8,729	8,710	8,692	9,448	9,423	9,399	9,377	9,350	9,325	9,302	9,277	9,253	

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project
 (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Guif Power Company Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Crist 1-5 Dechlorination
P.E. 1248
(in Dollars)

	Line		eginning of fod Amount	October	November	December	<u>(anuary</u>	February	March	April	May	<u>June</u>	र्मार	August	September	End of Period Amount
	•	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														
		d Other (A)														
	2	Plant-in-Service/Depreciation Base	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	
	3	Less: Accumulated Depreciation (B)	(22,271)	(22,958)	(23,645)	(24,332)	(25,223)	(26,114)	(27,005)	(27,896)	(28,787)	(29,678)	(30,569)	(31,460)	(32,351)	
	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)	283,052	282,365	281,678	280,991	280,100	279,209	278,318	277,427	276,536	275,645	274,754	273,863	272,972	-
	6	Average Net Investment		282,709	282,022	281,335	280,546	279,655	278,764	277,873	276,982	276,091	275,200	274,309	273,418	
	7	Return on Average Net Investment														
		a Equity Component Grossed Up For Taxes (C)	t	1,690	1,686	1,682	1,677	1,672	1,666	1,661	1,656	1,650	1,645	1,640	1,634	19,959
		b Debt Component (Line 6 x 3.5137% x 1/12)		828	826	824	821	819	816	814	811	808	806	803	801	9,777
	8	Investment Expenses														
		a Depreciation		687	687	687	891	891	891	168	891	168	891	891	891	10,080
		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 (D)	_	0		0_	0_	0_	0	0	0	0	0	0	0	0
ונ	9	Total System Recoverable Expenses (Lines 7 + 8)		3,205	3,199	3,193	3,389	3,382	3,373	3,366	3,358	3,349	3,342	3,334	3,326	39,816
J1	•	a Recoverable Costs Allocated to Energy		247	246	246	261	260	259	259	258	258	257	256	256	3,063
		b Recoverable Costs Allocated to Demand		2,958	2,953	2,947	3,128	3,122	3,114	3,107	3,100	3,091	3,085	3,078	3,070	36,753
	10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658176	0.9673070	0.9651727	0.9635643	0.9654378	0.9650986	0.9650180	
		Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.963-390	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
	12	Retail Energy-Related Recoverable Costs (E)		239	238	237	252	251	253	251	249	249	248	247	247	2,959
	13	Retail Demand-Related Recoverable Costs (F)	_	2,849	2,844	2,839	3,013	3,007	2,999	2,993	2,986	2,977	2,971	2,965	2,957	35,400
	14	Total Jurisdictional Recoverable Costs (Lines 12	13)	3,088	3,082	3,076	3,265	3,258	3,250	3,244	3,235	3,226	3,219	3,212	3,204	38,359

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Return on Capital Investments, Depreciation and Taxes For Project: Crist Diesel Fuel Oil Remediation P.E. 1270 (in Dollars)

L	ine 1	Description Peri	ginning of iod Amount	October	November	<u>December</u>	January	February	March	April	Мау	lune	July	August	•	End of Period Amount
		Expenditures/Additions Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
		c Retirements d Other (A)		U	U	U	U	v	U	U	U	u	U	U	U	
	2	Plant-in-Service/Depreciation Base	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	
		Less: Accumulated Depreciation (B)	(4,154)	(4,262)	(4,370)	(4,478)	(4,618)	(4,758)	(4,898)	(5,038)	(5,178)	(5,318)	(5,458)	(5,598)	(5,738)	•
		CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	5	Net Investment (Lines 2 - 3 + 4)	43,801	43,693	43,585	43,477	43,337	43,197	43,057	42,917	4 <u>2,</u> 777	42,637	42,497	42,357	42,217	_
	6	Average Net Investment		43,747	43,639	43,531	43,407	43,267	43,127	42,987	42,847	42,707	42, 567	42,427	42,287	
	7	Return on Average Net Investment														
		a Equity Component Grossed Up For Taxes (C)		262	261	260	259	259	258	257	256	255	254	254	253	
		b Debt Component (Line 6 x 3,5137% x 1/12)		128	128	127	127	127	126	126	125	125	125	124	124	1,512
	8	Investment Expenses														
	•	a Depreciation		108	108	108	140	140	140	140	140	140	140	140	140	1,584
		b Amortization		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	D	0	0	0	0	0	0
		e Other (D)		0	0	0	0	0	0	0	0	0_	0	0	0	0
•	9	Total System Recoverable Expenses (Lines 7 + 8)		498	497	495	526	526	524	523	521	520	519	518	517	6,184
)	7	a Recoverable Costs Allocated to Energy		38	38	38	40	40	40	40	40	40	40	40	40	
		b Recoverable Costs Allocated to Demand		460	459	457	486	486	484	483	481	480	479	478	477	5,710
		b Recoverable Costs rationality to Demails		400	437	437	400	400	707	403	701	400	7//	4,0	•••	3,710
	10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636088	0.9540+43	0.9641121	0.9658476	0.9673070	0.9651727	0.9635643	0.9654378	0.9650986	0.9650180	
		Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	0.963 890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
	12	Retail Energy-Related Recoverable Costs (E)		37	37	37	39	39	39	39	39	39	39	39	39	462
		Retail Demand-Related Recoverable Costs (F)		443	442	440	468	468	466	465	463	462	461	460	459	
		Total Jurisdictional Recoverable Costs (Lines 12 +	13)	480	479	477	5(17	507	505	504	502	501	500	499	498	

- (A) Description and reason for 'Other' adjustments to net Investment for this project

 (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal

 (C) Line 6 x 7.1729% x 1/12. Based on ROR of 12% and weighted income tax rate of 38.575% (expansion factor of 1.428002)

 (D) Description and reason for 'Other' adjustments to investment expenses for this project

 (E) Line 9a x Line 10 x 1.0014 line loss multiplier

 (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Crist Bulk Tanker Unload Sec Contain Struc
P.E. 1271
(in Dollars)

Lin		eginning of iod Amount	October	November	<u>December</u>	January	February	March	<u>April</u>	May	June	luly	August	September	End of Period Amount
•	a Expenditures/Additions b Clearings to Plant		0 0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	
	c Retirements d Other (A)														
2	Plant-in-Service/Depreciation Base	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	
3	Less: Accumulated Depreciation (B)	(7,336)	(7,564)	(7,792)	(8,020)	(8,316)	(8,612)	(8,908)	(9,204)	(9,500)	(9,796)	(10,092)	(10,388)	(10,684)	
4	CWIP - Non Interest Bearing	0	0 02 02 1	02 702	02.476	02 170	02.002	92,587	02 201	0 01 005	91,699	01.402	91,107	0 00 01 1	
5	Net Investment (Lines 2 - 3 + 4)	94,159	93,931	93,703	93,475	93,179	92,883	92,387	92,291	91,995	91,099	91,403	91,107	90,811	
6	Average Net Investment		94,045	93,817	93,589	93,327	93,031	92,735	92,439	92,143	91,847	91,551	91,255	90,959	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (C)	I	562	561	559	558	556	554	553	551	549	547	546	544	6,640
	b Debt Component (Line 6 x 3.5137% x 1/12)		275	275	274	273	272	272	271	270	269	268	267	266	3,252
8	Investment Expenses														
_	a Depreciation		228	228	228	296	296	296	296	296	296	296	296	296	3,348
	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	D	0	0	0	0	0	0	0	0	0	0	0
	e Other (D)	_	0_	0	0	0	0	0	0	0	0	0	0	0	<u> </u>
9	Total System Recoverable Expenses (Lines 7 + 8)		1,065	1,064	1,061	1,127	1,124	1,122	1,120	1,117	1,114	1,111	1,109	1,106	13,240
	a Recoverable Costs Allocated to Energy		82	82	82	87	86	86	86	86	86	85	85	85	1,018
	b Recoverable Costs Allocated to Demand		983	982	979	1,040	1,038	1,036	:,034	1,031	1,028	1,026	1,024	1,021	12,222
10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0 ^58476	0.9673070	0.9651727	0.9635643	0.9654378	0.9650986	0.9650180	
11	Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	£9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
12	Retail Energy-Related Recoverable Costs (E)		79	79	79	84	83	13	83	83	83	82	82	82	982
13	Retail Demand-Related Recoverable Costs (F)	_	947	946	943	1,002	1,000	58	996	993	990	988	986	983	11,772
14	Total Jurisdictional Recoverable Costs (Lines 12 +	- 13)	1,026	1,025	1,022	1,086	1,083	1,081	1,079	1,076	1,073	1,070	1,068	1,065	12,754

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes For Project: Crist IWW Sampling System P.E. 1275 (in Dollars)

	Line		ginning of od Amount	October	November	December	January	<u>February</u>	March	<u>April</u>	May	lune	Įuly	August	September	End of Period Amount
	•	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	Ø	0	0	0	0	
		c Retirements														
		d Other (A)														
	2	Plant-in-Service/Depreciation Base	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	
	3	Less: Accumulated Depreciation (B)	(4,622)	(4,756)	(4,890)	(5,024)	(5,198)	(5,372)	(5,546)	(5,720)	(5,894)	(6,068)	(6,242)	(6,416)	(6,590)	ı
		CWIP - Non Interest Bearing	0	0	0	0	0	0_	0	0	0	0_	0	0	0	_
	5	Net Investment (Lines 2 - 3 + 4)	54,921	54,787	54,653	54,519	54,345	54,171	53,997	53,823	53,649	53,475	53,301	53,127	52,953	-
	6	Average Net Investment		54,854	54,720	54,586	54,432	54,258	54,084	53,910	53,736	53,562	53,388	53,214	53,040	
	7	Return on Average Net Investment														
	,	a Equity Component Grossed Up For Taxes (C)		328	327	326	325	324	323	322	321	320	319	318	317	3,870
		b Debt Component (Line 6 x 3.5137% x 1/12)		161	160	160	159	159	158	158	157	157	156	156	155	1,896
		bear Component (Enter of 5.513) 74 K 1712)			700		,		.,,	• • • • • • • • • • • • • • • • • • • •						.,
	8	Investment Expenses														
		a Depreciation		[34	134	134	174	174	174	174	174	174	174	174	174	1,968
		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	Э	0	0	0	0
		d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
		e Other (D)	_	0	0	0	0	0	0	0	0	0	0		0	<u> </u>
8	9	Total System Recoverable Expenses (Lines 7 + 8)		623	621	620	658	657	655	654	6*	651	649	648	646	7,734
,	1	a Recoverable Costs Allocated to Energy		48	48	48	51	51	50	50	زر	50	50	50	50	•
		b Recoverable Costs Allocated to Demand		575	573	572	607	606	605	604	J02	601	599	598	596	7,138
	10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673070	J.9651727	03 5643	0.9654378	0.9650986	0.9650180	
		Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631837	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
	12	Retail Energy-Related Recoverable Costs (E)		46	46	46	49	49	48	48	48	48	48	48	48	572
		Retail Demand-Related Recoverable Costs (F)		554	552	551	585	584	583	582	580	579	577	<u>\$76</u>	574	
	14	Total Jurisdictional Recoverable Costs (Lines 12 + I	13)	600	598	597	634	633	631	630	628	627	625	624	622	7,449

Notes:

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- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for Other adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes For Project: Smith Stormwater Collection System P.E. 1446 (in Dollars)

Line 1	Beginnin Description Period Arr Investments		November	December	lanuary	February	March	<u>April</u>	May	Tritae	july	August	September	End of Period Amount
•	a Expenditures/Additions b Clearings to Plant	0	0	0 0	0 0	0	0 0	0 0	0	0	0 0	0	0	
	c Retirements d Other (A)													
2	Plant-in-Service/Depreciation Base 2,782, Less: Accumulated Depreciation (B) (153,	, ,	2,782,600 (165,661)	2,782,600 (171,922)	2,782,600 (179,343)	2,782,600 (186,764)	2,782,600 (194,185)	2,782,600 (201,606)	2,782,600 (209,027)	2,782,600 (216,448)	2,782,600 (223,869)	2,782,600 (231,290)	2,782,600 (238,711)	
3	CWIP - Non Interest Bearing (155,	139, (139,400) O	(100,001)	(1/1,922) O	(1/7,343)	(180,/04)	(194,182) (194,182)	(201,000)	(207,027)	(210,446) O	(443,007) (1	(231,270)	(230,/11 <i>)</i>	
5	Net Investment (Lines 2 - 3 + 4) 2,629,	<u> </u>	2,616,939	2,610,678	2,603,257	2,595,836	2,588,415	2,580,994	2,573,573	2,566,152	2,558,731	2,551,310	2,543,889	
6	Average Net Investment	2,626,331	2,620,070	2,613,809	2,606,968	2,599,547	2,592,126	2,584,705	2,577,284	2,569,863	2,562,442	2,555,021	2,547,600	
7	Return on Average Net Investment													
	Equity Component Grossed Up For Taxes (C)	15,700	15,663	15,625	15,584	15,540	15,496	15,451	15,407	15,363	15,318	15,274	15,230	185,651
	b Debt Component (Line 6 x 3.5137% x 1/12)	7,690	7,672	7,653	7,633	7,611	7,590	7,568	7,546	7,525	7,503	7,481	7,459	90,931
8	Investment Expenses													
	a Depreciation	6,261	6,261	6,261	7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	85,572
	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	Ō	0	0	0
	d Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	U
	e Other (D)		<u> </u>	0	<u> </u>	- 0			<u>U</u>	<u>o</u>	<u></u>			
9	Total System Recoverable Expenses (Lines 7 + 8)	29,651	29,596	29,539	30,638	30,572	30,507	30,440	30,374	30,309	30,242	30,176	30,110	362,154
	Recoverable Costs Allocated to Energy	2,281	2,277	2,272	2,357	2,352	2,347	2,342	2,336	2,331	2,326	2,321	2,316	27,858
	b Recoverable Costs Allocated to Demand	27,370	27,319	27,267	28,281	28,220	28,160	28,098	28,038	27,978	27,916	27,855	27,794	334,296
10	Energy Jurisdictional Factor	0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673070	0.9651727	0.9635643	0.9654378	0.9650986	0.9650180	
11	Demand Jurisdictional Factor	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
12	Retail Energy-Related Recoverable Costs (E)	2,205	2,198	2,192	2,275	2,271	2,270	2,269	2,258	2,249	2,249	2,243	2,238	26,917
13	Retail Demand-Related Recoverable Costs (F)	26,362	26,313	26,263	27,240	27,181	27,123	27,064	27,006	26,948	26,888	26,830	26,771	321,989
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	28,567	28,511	28,455	29,515	29,452	29,393	29,333	29,264	29,197	29,137	29,073	29,009	348,906

- (A) Description and reason for 'Other' adjustments to net Investment for this project
 (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
 (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Return on Capital Investments, Depreciation and Taxes For Project: Smith Waste Water Treatment Facility P.E. 1466 (in Dollars)

	Line 1		ginning of od Amount	October	November	December	January	February	March	April	Мау	June	Juty	August	September	End of Period Amount
		a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	Û	0	
		b Cleatings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
		c Retirements														
		d Other (A)														
	2	Plant-in-Service/Depreciation Base	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	
		Less: Accumulated Depreciation (B)	(15,067)	(15,461)	(15,855)	(16,249)	(16,716)	(17,183)	(17,650)	(18,117)	(18,584)	(19,051)	(19,518)	(19,985)	(20,452)	
	4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0		0	0	0	0	
	5	Net Investment (Lines 2 - 3 + 4)	160,133	159,739	159,345	158,951	158,484	158,017	157,550	157,083	156,616	156,149	155,682	155,215	154,748	<u>,</u>
	6	Average Net Investment		159,936	159,542	159,148	158,718	158,251	157,784	157,317	156,850	156,383	155,916	155,449	154,982	
	7	Return on Average Net Investment														
		a Equity Component Grossed Up For Taxes (C)		956	954	951	949	946	943	940	938	935	932	929	926	11,299
		b Debt Component (Line 6 x 3.5137% x 1/12)		468	467	466	465	463	462	461	459	458	457	455	454	5,535
		Investment Expenses														
	0	a Depreciation		394	394	394	467	467	467	467	467	467	467	467	467	5,385
		b Amortization		0	0	0	707	0	0	0	0	0	107	70,	70,	0,505
		c Dismantlement		Ö	Õ	ō	Õ	Ö	Ō	0	Ö	ō	ō	Ö	ō	Ö
		d Property Taxes		0	Q	0	0	0	0	0	0	0	0	0	0	0
:		e Other (D)	_	0	0	0	0	0	0	0	0	0	0	0	0	0
}	9	Total Control December Formand Lines 7 + 8)		1,818	1,815	1,811	1,881	1.876	1.872	1,868	1,864	1,860	1,856	1,851	1.847	22,219
•	,	Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Energy		1,010	140	139	1,001	1,870	1,672	1,808	1,804	1,800	1,830	1,831	142	1,709
		b Recoverable Costs Allocated to Demand		1,678	1.675	1,672	1,736	1,732	1,728	1.724	1,721	1.717	1.713	1,709	1,705	20,510
				•1•.•	-,	-,	-,	.,		-,			-1	-1	51,755	,
	10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636088	0.9640143	0.9641121	0.9658476	0.9673070	0.9651727	0.9635643	0.9654378	0.9650986	0.9650180	
	11	Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
	12	Retail Energy-Related Recoverable Costs (E)		135	135	134	140	139	139	129	138	138	138	137	137	1,649
		Retail Demand-Related Recoverable Costs (F)		1,616	1,613	1,610	1,672	1,668	1,664	Ltal	1,658	1,654	1,650	1,646	1.642	19,754
		Total Jurisdictional Recoverable Costs (Lines 12 + 1	13)	1,751	1,748	1,744	1,812	1,807	1,803	1,8(a)	1,796	1,792	1,788	1,783	1,779	21,403

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 90 x Line 11

Return on Capital Investments, Depreciation and Taxes
For Project: Daniel Ash Management Project
P.E. 1535 (in Dollars)

1	<u>.ine</u> 1 1 1	<u>Description</u> I nvestments Expenditures/Additions Clearings to Plant Retirements	Beginning of Period Amount 0 0	October 0 0	November 0 0	December 0 0	January O O	February 0 0	March 0 0	Apzil 0 0	May 0 0	June 0 0	July 0 0	August 0 0	September 0 0	End of Period Amount
	3] 4 (Plant-in-Service/Depreciation Base Less: Accumulated Depreciation (B) CWIP - Non Interest Bearing Net Investment (Lines 2 - 3 + 4)	13,242,469 (1,069,942) 0 12,172,527	13,242,469 (1,100,749) 0 12,141,720	13,242,469 (1,131,556) 0 12,110,913	13,242,469 (1,162,363) 0 12,080,106	13,242,469 (1,197,323) 0 12,045,146	13,242,469 (1,232,283) 0 12,010,186	13,242,469 (1,267,243) 0 11,975,226	13,242,469 (1,302,203) 0 11,940,266	13,242,469 (1,337,163) 0 11,905,306	13,242,469 (1,372,123) 0 11,870,346	13,242,469 (1,407,083) 0 11,835,386	13,242,469 (1,442,043) 0 11,800,426	13,242,469 (1,477,003) 0 11,765,466	
	6	Average Net Investment		12,157,124	12,126,317	12,095,510	12,062,626	12,027,666	11,992,706	11,957,746	11,922,786	11,887,826	11,852,866	11,817,906	11,782,946	
	7 (Return on Average Net Investment Equity Component Grossed Up For Taxes (Debt Component (Line 6 x 3.5137% x 1/12		72,675 35,596	72,491 35,506	72,307 35,416	72,110 35,319	71,901 35,217	71,692 35,115	71,483 35,012	71,274 34,910	71,065 34,808	70,856 34,705	70,647 34,603	70,438 34,500	858,939 420,707
•	8 1	0.1 (0)	_	27,584 0 3,223 37,935	27,584 0 3,223 37,935 0	27,584 0 3,223 37,935 0	26,485 0 8,475 37,251 0	26,485 0 8,475 37,251 0	26,485 0 8,475 37,251 0	26,485 0 8,475 37,251	26,485 0 8,475 37,251 0	26,485 0 8,475 37,251 0	26,485 0 8,475 37,251	26,485 0 8,475 37,251 0	26,485 0 8,475 37,251	321,117 0 85,944 449,064
•	9 '	Total System Recoverable Expenses (Lines 7 + Recoverable Costs Allocated to Energy Recoverable Costs Allocated to Demand	8)	177,013 13,616 163,397	176,739 13,595 163,144	176,465 13,574 162,891	179,640 13,818 165,822	179,329 13,795 165,534	179,018 13,771 165,247	178,706 13,747 164,959	178,395 13,723 164,672	178,084 13,699 164,385	177,772 13,675 164,097	177,461 13,651 163,810	177,149 13,627 163,522	2,135,771 164,291 1,971,480
		Energy Jurisdictional Factor Demand Jurisdictional Factor		0.9655023 0.9631890	0.9641155 0.9631890	0.9636088 0.9631890	0.9640143 0.9631890	0.9641121 0.9631890	0.9658476 0.9631890	0.9673070 0.9631890	0.9651727 0.9631890	0.9635643 0.9631890	0.9654378 0.9631890	0.9650986 0.9631890	0.9650180 0.9631890	
	13	Retail Energy-Related Recoverable Costs (E) Retail Demand-Related Recoverable Costs (F) Total Jurisdictional Recoverable Costs (Lines 1)	2 + 13)	13,165 157,382 170,547	13,126 157,139 170,265	13,098 156,895 169,993	13,339 159,718 173,057	13,319 159,441 172,760	13,319 159,164 172,483	13,316 158,887 172,203	13,264 158,610 171,874	13,218 158,334 171,552	13,221 158,056 171,277	13,193 157,780 170,973	13,169 157,503 170,672	158,747 1,898,909 2,057,656

S

- Notes;
 (A) instruents to net Investment for this projec
 (B) a Salvage and Other Recoveries and Cost of Removal
- (C) sted income tax rate of 38.575% (expansion factor of 1.628002)
 (D) ments to investment expenses for this projec
 (E) 1.0014 line loss multiplier
 (F) b x Line 11

Return on Capital Investments, Depreciation and Taxes For Project: Underground Fuel Tank Replacement P.E. 4397 (in Dollars)

<u>Lio</u>	e <u>Description</u> Investments	Beginning of Period Amount	<u>October</u>	November	December	January	<u>February</u>	March	April	May	June	July	August	September	End of Period Amount
·	a Expenditures/Additions b Clearings to Plant c Retirements d Other (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	
2 3 4 5	Plant-in-Service/Depreciation Base Less: Accumulated Depreciation (B) CWIP - Non Interest Bearing Net Investment (Lines 2 - 3 + 4)	457,919 (40,242) 0 417,677	457,919 (41,692) 0 416,227	457,919 (43,142) 0 414,777	457,919 (44,592) 0 413,327	457,919 (49,512) 0 408,407	457,919 (54,433) 0 403,486	457,919 (59,353) 0 398,566	457,919 (64,273) 0 393,646	457,919 (69,193) 0 388,726	457,919 (74,113) 0 383,806	457,919 (79,033) 0 378,886	457,919 (83,953) 0 373,966	457,919 (88,873) 0 369,046	·
-	Average Net Investment	417,077	416,952	415,502	414,052	410,867	405,947	401,026	396,106	391,186	386,266	381,346	376,426	371,506	-
7	Return on Average Net Investment a Equity Component Grossed Up For Taxes b Debt Component (Line 6 x 3.5137% x 1/1)		2,493 1,221	2,484 1,217	2,475 1,212	2,456 1,203	2,427 1,189	2,397 1,174	2,368 1,160	2,339 1,145	2,309 1,131	2,280 1,117	2,250 1,102	2,221 1,088	28,499 13,959
8	Investment Expenses a Depreciation b Amortization c Dismantlement d Property Taxes e Other (D)		1,450 0 0 0 0	1,450 0 0 0 0	1,450 0 0 0 0	4,920 0 0 0 0	4,921 0 0 0 0	4,920 0 0 0	4,920 0 0 0 0	4,920 0 0 0 0	4,920 0 0 0 0	4,920 0 0 0 0	4,920 0 0 0	4,920 0 0 0	48,631 0 0 0
12°,	Total System Recoverable Expenses (Lines 7 + a Recoverable Costs Allocated to Energy b Recoverable Costs Allocated to Demand Energy Jurisdictional Factor	- 8)	5,164 397 4,767 0.9655023	5,151 396 4,755 0.9641155	5,137 395 4,742 0.9636088	8,579 660 7,919 0.9640143	8,537 657 7,880 0.9641121	8,491 653 7,838 0.9658476	8,448 650 7,798	8.403 646 7,758 0.9651727	8,360 643 7,717 0.9635643	8,317 640 7,677 0.9654378	8,272 636 7,636 0.9650986	8,229 633 7,596 0.9650180	7,006 84,083
12 13		12 + 13)	0.9631890 384 4,592 4,976	0.9631890 382 4,580 4,962	0,9631890 381 4,567 4,948	0.9631890 637 7,627 8,264	0.9631890 634 7,590 8,224	0.9631890 632 7,549 8,181	0.96 - 190 630 7,511 8,141	0.9631896 624 7,472 8,096	620 7,433 8,053	0.9631890 619 7,394 8,013	0.9631890 615 7,355 7,970	0.9631890 612 7,316 7,928	6,770 80,986

- (A) Description and reason for 'Other' adjustments to net Investment for this project
 (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1,0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1997 - September 1998

Return on Capital Investments, Depreciation and Taxes For Project: SO2 Allowances

(in Dollars)

Lin 1		Reginning of Friod Amount	<u>October</u>	November	December	January	February	March	<u>April</u>	May	June	July	August	September	End of Period Amount
-	a Expenditures/Additions	0	0	0	0	0	0	0	(253,111)	(1,960)		0	10,000	(3,800,000)	
	b Clearings to Plant	0	0	0	0	0	0	0	0	σ	0	0	G	0	
	c Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	
	d Other (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	(417.075)	(401,746)	(386,446)	(370,829)	(371,689)	(372,165)	(372,980)	(609,731)	(505 (37)	(579,332)	(563,056)	(536,609)	(3,370,238)	
2	Less: Accumulated Depreciation (B)	(417,275)	(401,/40)	(360,440)	(370,829)	(371,089)	(372,103)	(372,980)	(009,731)	(595,637)	(3/7,332)	(960,696)	(930,000)	(3,370,238)	
3	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	ő	v	0	0	0	
7	Net Investment (Lines 2 - 3 + 4)	(417,275)	(401,746)	(386,446)	(370,829)	(371,689)	(372,165)	(372,980)	(609,731)	(595,637)	(579,332)	(563,056)	(536,609)	(3,370,238)	
•	tree procesure in (Entes 2 - 3 + 4)	(-11,273)	(401,740)	(360,440)	(370,625)	(3/1,007)	(372,103)	(372,700)	(007,731)	(393,037)	(317,332)	(303,030)	(330,009)	(3,370,230)	
6	Average Net Investment		(409,511)	(394,096)	(378,637)	(371,259)	(371,927)	(372,572)	(491,355)	(602,684)	(587,485)	(571,194)	(549,833)	(1,953,424)	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (C)	(2,448)	(2,356)	(2,263)	(2,219)	(2,223)	(2,227)	(2,937)	(3,603)	(3,512)	(3,415)	(3,287)	(11,678)	(42,168)
	b Debt Component (Line 6 x 3.5137% x 1/12)		(1,199)	(1,154)	(1,109)	(1,087)	(1,089)	(1,091)	(1,439)	(1,765)	(1,720)	(1,672)	(1,610)	(5,720)	(20,655)
8	Investment Expenses														
_	a Depreciation		0	0	0	0	0	0	0	0	G	a	а	a	0
	b Amortization		Ō	Ō	Ō	0	0	Ó	Ö	Ō	Ō	Ō	Ō	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 (D)	_	(15,529)	(15,300)	(15,617)	860	476	815	(16,360)	(16,053)	(16,306)	(16,275)	(16,447)	(966,371)	(1,092,108)
9	Total System Recoverable Expenses (Lines 7 + 8)	,	(19,176)	(18,810)	(18,989)	(2,446)	(2,836)	(2,503)	(20,736)	(21,421)	(21,538)	(21,362)	(21,344)	(983,769)	(1,154,931)
	Recoverable Costs Allocated to Energy	,	(19,176)	(18,810)	(18,989)	(2,446)	(2,836)	(2,503)	(20,736)	(21,421)	(21,538)	(21,362)	(21,344)	(983,769)	(1,154,931)
'	b Recoverable Costs Allocated to Demand		(12,170)	(10,010)	(10,505)	(2,410)	(2,030)	(2,505)	(20,730) C	(21,421)	(21,230)	(21,502)	(21,544)	(203,703)	0
i			•	•	•	_	-	_	_	•	•	•	_	-	_
10	Energy Jurisdictional Factor		0.9655023	0.9641155	0.9636988	or 2640143	0.9641121	0.9658476	0.9673070	9.9651727	0.9635643	0.9654378	0.9650986	0.9650180	
11	Demand Jurisdictional Factor		0.9631890	0.9631890	0.9631890	€631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	0.9631890	
,,,	Basell Corres Debt 4 Basellands (Correst)		(10.640)	(19.161)	(19.354)	(2.261)	(2.720)	(2.421)	(20.084)	(20.704)	(30.703)	(30.663)	(20.420)	(0E0 (P4)	(1.116.002)
12	Retail Energy-Related Recoverable Costs (E)		(18,540)	(18,161)	(18,324)	(2,361)	(2,738)	(2,421) 0	(20,086)	(20,704)	(20,782) 0	(20,653)	(20,628)	(950,684)	(1,116,082)
13	Retail Demand-Related Recoverable Costs (F)	. 135 -	(10.540)	(10.1(1)	(10.774)	(2.361)	(2.720)		(20.090)			(20 (62)	(20, (20)	(050 (94)	(1.11(.092)
!4	Total Jurisdictional Recoverable Costs (Lines 12	T 13) _	(18,540)	(18,161)	(18,37.4)	(2,361)	(2,738)	(2,421)	(20,086)	(20,704)	(20,782)	(20,653)	(20,628)	(950,684)	(1,116,082)

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Emission Allowance Expense: September includes 1/4 of the gain associated with the sale of emission allowances. The balance is amortized in Oct. Dec. 1998
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

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Environmental Cost Recovery Clause (ECRC)

Calculation of the Fin d True-Up Amount for the Period

October 1998 December 1998

Line No.		Period Amount (\$)
1	End of Period Actual Total True-Up for the Period	
	October 1998 - December 1998 (Schedule 2A-2, Lines 5 + 6 + 10)	2,477,179
2	Estimated/Actual True-Up Amount approved for the period October 1998 - December 1998	
24	(Order No. PSC-98-1764-FOF-EI)	2,411,941
3	Final True-Up Amount to be refunded/(recovered) in the projection period January 2000 - December 2000	
	(Line 1 - Line 2)	65,238

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1998 - December 1998

End-of-Period True-Up Amount

(in Dollars)

	<u>Line</u>	<u>October</u>	November	<u>December</u>	End of Period <u>Amount</u>
	1 ECRC Revenues (net of Revenue Taxes)	911,380	756,745	713,250	2,381,375
	2 True-Up Provision (Order No. PSC-98-1224-FOF-EI)	65,038	65,038	65,039	195,115
	3 ECRC Revenues Applicable to Period (Lines 1 + 2)	976,418	821,783	778,289	2,576,490
	 Jurisdictional ECRC Costs a O & M Activities (Schedule 5A-2, Line 9) b Capital Projects (Schedule 7A-2, Line 9) c Total Jurisdictional ECRC Costs 	24,130 (230,522) (206,392)		776,227 (212,527) 563,700	807,626 (666,955) 140,671
25	5 Over/(Under) Recovery (Line 3 - Line 4c)	1,182,810	1,038,420	214,589	2,435,819
	6 Interest Provision (Schedule 3A-2, Line 10)	9,763	14,690	16,907	41,360
	 Beginning Balance True-Up & Interest Provision a Deferred True-Up from October 1997 - September 1998 (Order No. PSC-98-1764-FOF-EI) 	1,711,566 0		3,827,173 0	1,711,566 0
	8 True-Up Collected/(Refunded) (See line 2)	(65,038)	(65,038)	(65,039)	(195,115)
	9 End of Period Total True-Up (Lines 5 + 6 + 7 + 7a +8)	2,839,101	3,827,173	3,993,630	3,993,630
	10 Adjustments to Period Total True-Up Including Interest	0	····		0
	11 End of Period Total Net True-Up (Lines 9 +10)	2,839,101	3,827,173	3,993,630	3,993,630

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1998 - December 1998

Interest Provision

(in Dollars)

	Lin	<u>e</u>	October	November	December	3-Month <u>Total</u>
	ı	Beginning True-Up Amount (Sch 2A-2, Lines 7 + 7a + 10)	1,711,566	2,839,101	3,827,173	
	2	Ending True-Up Amount Before Interest (Line 1 + Sch 2A-2, Lines 5 + 8)	2,829,338	3,812,483	3,976,723	
	3	Total of Beginning & Ending True-up (Lines 1 + 2)	4,540,904	6,651,584	7,803,896	
	4	Average True-Up Amount (Line 3 x 1/2)	2,270,452	3,325,792	3,901,948	
\) 55	5	Interest Rate (First Day of Reporting Business Month)	0.052200	0.051000	0.055000	
<i>,</i>	6	Interest Rate (First Day of Subsequent Business Month)	0.051000	0.055000	0.049000	
	7	Total of Beginning & Ending Interest Rates (Line 5 + Line 6)	0.103200	0.106000	0.104000	
	8	Average Interest Rate (Line 7 x 1/2)	0.051600	0.053000	0.052000	
	9	Monthly Average Interest Rate (Line 8 x 1/12)	0.004300	0.004417	0.004333	
	10	Interest Provision for the Month (Line 4 x Line 9)	9,763	14,690	16,907	41,360

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Variance Report in O & M Activities

(in Dollars)

		(1)	(2)	(3)	(4)
			Estimated/	Vari	ance
Li	<u>ne</u>	Actual	Actual	<u>Amount</u>	Percent
1	Description of O & M Activities				
	.1 Sulfur	1,618	5,600	(3,982)	(71.1) %
	.2 Air Emission Fees	1,521	0	1,521	100.0 %
	.3 Title V	8,311	13,335	(5,024)	(37.7) %
	.4 Asbestos Fees	1,500	2,400	(900)	(37.5) %
	.5 Emission Monitoring	80,843	49,900	30,943	62.0 %
	.6 General Water Quality	124,049	287,844	(163,795)	(56.9) %
	.7 Groundwater Monitoring Investigation	(33,899)	95,751	(129,650)	(135.4) %
)	.8 State NPDES Administration	0	0	0	0.0 %
ŀ	.9 Lead and Copper Rule	2,436	177	2,259	1,276.3 %
	.10 Env Auditing/Assessment	0	0	0	0.0 %
	.11 General Solid & Hazardous Waste	44,198	59,796	(15,598)	(26.1) %
	.12 Above Ground Storage Tanks	606,303	549,000	57,303	10.4 %
	.13 Low Nox	<u>44</u>	Ō	<u>44</u>	100.0 %
2	Total O & M Activities	836.924	1.063.803	(226.879)	(21.3) %
3	Recoverable Costs Allocated to Energy	92,337	68,835	23,502	34.1 %
4		744,587	994,968	(250,381)	(25.2) %

Notes:

Column (1) is the End of Period Totals on Schedule 5A-2.

Column (2) is the approved Estimated/Actual amount in accordance with FPSC Order No. PSC-98-1764-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1998 - December 1998

O & M Activities (in Dollars)

		0.1			End of Period	Method of Cla	
Line		<u>October</u>	November	<u>December</u>	<u>Total</u>	<u>Demand</u>	Energy
1	Description of O & M Activities						
	.1 Sulfur	0	1,618	0	1,618		1,618
	.2 Air Emission Fees	1,521	0	0	1,521		1,521
	.3 Title V	4,208	3,069	1,034	8,311		8,311
	.4 Asbestos Fees	0	0	1,500	1,500	1,500	
	.5 Emission Monitoring	37,835	(6,430)	49,438	80,843		80,843
	.6 General Water Quality	7,564	13,668	102,817	124,049	124,049	
	.7 Groundwater Monitoring Investigation	(39,800)	(9,259)	15,160	(33,899)	(33,899)	
	.8 State NPDES Administration	0	0	0	0	0	
	.9 Lead and Copper Rule	2,436	0	0	2,436	2,436	
	.10 Env Auditing/Assessment	0	0	0	0	0	
	.11 General Solid & Hazardous Waste	6,669	4,871	32,658	44,198	44,198	
	.12 Above Ground Storage Tanks	4,500	0	601,803	606,303	606,303	
	.13 Low Nox	<u>0</u>	Q	<u>44</u>	<u>44</u>		44
2	Total of O & M Activities	24.933	<u>7.537</u>	804.454	836.924	<u>744.587</u>	92.337
3	Recoverable Costs Allocated to Energy	43,564	(1,743)	50,516	92,337		
4	Recoverable Costs Allocated to Demand	(18,631)	9,280	753,938	744,587		
5	Retail Energy Jurisdictional Factor	0.9651891	0.9655103	0.9648243			
6	Retail Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271			
7	Jurisdictional Energy Recoverable Costs (A)	42,106	(1,685)	48,807	89,228		
8	Jurisdictional Demand Recoverable Costs (B)	(17,976)	8,954	727,420	718,398		
9	Total Jurisdictional Recoverable Costs for O & M Activities (Lines 7 + 8)	<u>24.130</u>	7.269	<u>776.227</u>	<u>807.626</u>		

Notes:

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- (A) Line 3 x Line 5 x 1.0014 line loss multiplier
- (B) Line 4 x Line 6

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1998 - December 1998

Variance Report of Capital Investment Projects - Recoverable Costs (in Dollars)

		(1)	(2)	(3)	(4)
			Estimated/	Var	iance
Line	:	<u>Actual</u>	Actual	Amount	Percent
	Donald Control of Desired				
1	Description of Investment Projects	10.470	10,481	(2)	(0.0) 1/
	.1 Air Quality Assurance Testing	10,478	•	(3)	(0.0) %
	.2 Crist 5, 6 & 7 Precipitator Projects	789,344	789,344	0	0.0 %
	.3 Crist 7 Flue Gas Conditioning	68,262	68,262	0	0.0 %
	.4 Low NOx Burners, Crist 6 & 7	520,694	520,692	2	0.0 %
	.5 CEMs - Crist 1,4-7, Scholz 1, Smith 1 & 2, Daniel	162,602	162,602	0	0.0 %
	.6 Sub. Contam. Mobile Groundwater Treat System	11,637	11,595	42	0.4 %
	.7 Crist Cooling Tower Cell	28,660	28,660	0	0.0 %
	.8 Crist 1-5 Dechlorination	9,931	9,931	0	0.0 %
	.9 Crist Diesel Fuel Oil Remediation	1,542	1,542	0	0.0 %
	.10 Crist Bulk Tanker Unload Sec Contain Struc	3,302	3,302	0	0.0 %
	.11 Crist IWW Sampling System	1,930	1,930	0	0.0 %
	.12 Smith Stormwater Collection System	89,934	89,933	1	0.0 %
	.13 Smith Waste Water Treatment Facility	5,518	5,517	1	0.0 %
	.14 Daniel Ash Management Project	529,580	529,580	0	0.0 %
	.15 Underground Fuel Tank Replacement	24,424	24,425	(1)	(0.0) %
	.16 SO2 Allowances	(2,946,741)	(2,952,170)	5.429	0.2 %
2	Total Investment Projects - Recoverable Costs	(688.903)	(694,374)	<u>5.471</u>	0.8 %
3	Recoverable Costs Allocated to Energy	(1,341,019)	(1,346,450)	5,431	0.4 %
4	Recoverable Costs Allocated to Demand	652,116	652,076	40	0.0 %

Notes:

Column (1) is the End of Period Totals on Schedule 7A-2

Column (2) is the approved Estimated/Actual amount in accordance with FPSC Order No. PSC-98-1764-FOF-EI

Column(3) = Column(1) - Column(2)

Column (4) = Column (3) / Column (2)

0.0

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1998 - December 1998

Capital Investment Projects - Recoverable Costs

(in Dollars)

						End of		
						Period	Method of C	lassification
	Lin	<u>e</u>	<u>October</u>	November	<u>December</u>	Total	Demand	Energy
	į	Description of Investment Projects (A)						
		.1 Air Quality Assurance Testing	3,518	3,493	3,467	10,478	0	10,478
		.2 Crist 5, 6 & 7 Precipitator Projects	263,873	263,115	262,356	789,344	0	789,344
		.3 Crist 7 Flue Gas Conditioning	22,813	22,754	22,695	68,262	0	68,262
		.4 Low NOx Burners, Crist 6 & 7	173,988	173,565	173,141	520,694	0	520,694
		.5 CEMs - Crist 1,4-7, Scholz 1, Smith 1 & 2, Daniel	54,313	54,201	54,088	162,602	0	162,602
		.6 Substation Contamination Investigation	3,593	3,879	4,165	11,637	10,743	894
		.7 Crist Cooling Tower Cell	9,579	9,553	9,528	28,660	26,455	2,205
		.8 Crist 1-5 Dechlorination	3,318	3,310	3,303	9,931	9,167	764
		.9 Crist Diesel Fuel Oil Remediation	515	514	513	1,542	1,423	119
		.10 Crist Bulk Tanker Unload Sec Contain Struc	1,103	1,101	1,098	3,302	3,048	254
		.11 Crist IWW Sampling System	645	643	642	1,930	1,782	148
		.12 Smith Stormwater Collection System	30,045	29,978	29,911	89,934	83,016	6,918
		.13 Smith Waste Water Treatment Facility	1,844	1,839	1,835	5,518	5,094	424
S		.14 Daniel Ash Management Project	176,838	176,527	176,215	529,580	488,843	40,737
5		.15 Underground Fuel Tank Replacement	8,184	8,141	8,099	24,424	22,545	1,879
_		.16 SO2 Allowances	(992,286)	(283,735)	(970,720)	(2,946,741)	Q	(2,946,741)
	2	Total Investment Projects - Recoverable Costs	(238,117)	(231,122)	(219,664)	(688,903)	<u>652.116</u>	(1.341.019)
	3	Recoverable Costs Allocated to Energy	(455,652)	(448,493)	(436,874)	(1,341,019)		
	4	Recoverable Costs Allocated to Demand	217,535	217,371	217,210	652,116		
	5	Retail Energy Jurisdictional Factor	0.9651891	0.9655103	0.9648243			
	6	Retail Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271			
	7	Jurisdictional Energy Recoverable Costs (B)	(440,406)	(433,631)	(422,097)	(1,296,134)		
	8	Jurisdictional Demand Recoverable Costs (C)	209,884	209,725	209,570	629,179		
	9	Total Jurisdictional Recoverable Costs	*********					
		for Investment Projects (Lines 7 + 8)	(230,522)	(223,906)	(212,527)	(666,955)		

Notes:

- (A) Each project's Total System Recoverable Expenses on Schedule 8A-2, Line 9
- (B) Line 3 x Line 5 x 1.0014 line loss multiplier
- (C) Line 4 x Line 6

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes

For Project: Air Quality Assurance Testing P.E. 1006 (in Dollars)

Line	Description	Beginning of Period Amount	October	November	December	End of Period Amount
1	Investments	I ALIDA CHAMB	2210021	14070111001	December	7 CHOM THIN WILL
•	a Expenditures/Additions		0	0	0	
	b Clearings to Plant		Ō	ō	Ö	
	c Retirements		0	0	0	
	d Other (A)		0	0	0	
2	Plant-in-Service/Depreciation Base	239,115	239,115	239,115	239,115	
3	Less: Accumulated Depreciation (B)	(162,261)	(165,107)	(167,953)	(170,799)	
4	CWIP - Non Interest Bearing	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	76,854	74,008	71,162	68,316	
6	Average Net Investment		75,431	72,585	69,739	
7	Return on Average Net Investment					
	a Equity Component Grossed Up For Taxe	s (C)	451	434	417	1,302
	b Debt Component (Line 6 x 3.5137% x 1/	12)	221	213	204	638
8	Investment Expenses					
u	a Depreciation		2,846	2,846	2,846	8,538
1	b Amortization		0	Ó	. 0	0
	c Dismantlement		0	0	0	0
	d Property Taxes		0	0	0	0
	e Other (D)	_	0	0	0	0
9	Total System Recoverable Expenses (Lines 7	+ 6)	3,518	3,493	3,467	10,478
y	a Recoverable Costs Allocated to Energy	' 0)	3,518	3,493	3,467	10,478
	b Recoverable Costs Allocated to Demand		0	0	0	0
10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		3,400	3,377	3,350	10,127
13	Retail Demand-Related Recoverable Costs (F		0	. 0	. 0	0
14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	3,400	3,377	3,350	10,127

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11



Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Crist 5, 6 & 7 Precipitator Projects
P.E.s 1119, 1216, 1243
(in Dollars)

			Beginning of				End of
	Line	Description	Period Amount	October	November	<u>December</u>	Period Amount
	ı	Investments					
		a Expenditures/Additions		0	0	0	
		b Clearings to Plant		0	0	0	
		c Retirements					
		d Other (A)					
	2	Plant-in-Service/Depreciation Base	24,440,825	24,440,825	24,440,825	24,440,825	
	3	Less: Accumulated Depreciation (B)	(4,334,626)	(4,419,813)	(4,505,000)	(4,590,187)	
	4	CWIP - Non Interest Bearing	0	0	0	0	
	5	Net Investment (Lines 2 - 3 + 4)	20,106,199	20,021,012	19,935,825	19,850,638	
	6	Average Net Investment		20,063,606	19,978,419	19,893,232	
	7	Return on Average Net Investment					
	•	a Equity Component Grossed Up For Taxe	s (C)	119,940	119,431	118,922	358,293
		b Debt Component (Line 6 x 3.5137% x 1/		58,746	58,497	58,247	175,490
	8	Investment Expenses					
	Ū	a Depreciation		71,294	71,294	71,294	213,882
ند		b Amortization		. 0	. 0	0	0
J		c Dismantlement		13,893	13,893	13,893	41,679
		d Property Taxes		0	0	0	0
		e Other (D)		0	0	0	0.
	9	Total System Recoverable Expenses (Lines 7	+ 8)	263,873	263,115	262,356	789,344
	•	a Recoverable Costs Allocated to Energy	ŕ	263,873	263,115	262,356	789,344
		b Recoverable Costs Allocated to Demand		0	0	0	0
	10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
	11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
	12	Retail Energy-Related Recoverable Costs (E)		255,044	254,396	253,482	762,922
	13	Retail Demand-Related Recoverable Costs (F		0	0	0	0
	14	Total Jurisdictional Recoverable Costs (Lines	•	255,044	254,396	253,482	762,922

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes

For Project: Crist 7 Flue Gas Conditioning

P.E. 1228

(in Dollars)

Line	Description	Beginning of Period Amount	October	November	December	End of Period Amount
LINE	Investments	renou Amoun	October	MOVEHIQUE	December	I STION VIIIONIII
•	a Expenditures/Additions		0	0	0	
	b Clearings to Plant		ő	ō	Ō	
	c Retirements		_			
	d Cost of Removal (A)					
	e Salvage					
2	Plant-in-Service/Depreciation Base	2,179,245	2,179,245	2,179,245	2,179,245	
3	Less: Accumulated Depreciation (B)	(356,271)	(362,878)	(369,485)	(376,092)	
4	CWIP - Non Interest Bearing	0	0_	0	0	
5	Net Investment (Lines 2 - 3 + 4)	1,822,974	1,816,367	1,809,760	1,803,153	
6	Average Net Investment		1,819,671	1,813,064	1,806,457	
7	Return on Average Net Investment					
·	a Equity Component Grossed Up For Taxe	s (C)	10,878	10,838	10,799	32,515
	b Debt Component (Line 6 x 3.5137% x 1/		5,328	5,309	5,289	15,926
8	Investment Expenses					
·	a Depreciation		6,357	6,357	6,357	19,071
	b Amortization		Ó	0	0	0
	c Dismantlement		250	250	250	750
	d Property Taxes		0	0	0	0
	e Other (D)	_	0	0	0	0
9	Total System Recoverable Expenses (Lines 7	+ 8)	22,813	22.754	22,695	68,262
	a Recoverable Costs Allocated to Energy	,	22,813	22.754	22,695	68,262
	b Recoverable Costs Allocated to Demand		0	0	0	0
10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		22.050	22,000	21,927	65,977
13	Retail Demand-Related Recoverable Costs (F		0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines	•	22,050	22,000	21,927	65,977

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Low NOx Burners, Crist 6 & 7
P.E.s 1236 and 1242
(in Dollars)

Line Description Period Amount October November December Period Amount			Beginning of				End of
a Expenditures/Additions b Clearings to Plant c Retirements 0			Period Amount	October	November	<u>December</u>	Period Amount
b Clearings to Plant c Retirements d Other (A) 2 Plant-in-Service/Depreciation Base L6,296,360 Less: Accumulated Depreciation (B) CWIP - Non Interest Bearing Net Investment (Lines 2 - 3 + 4) 4 Average Net Investment Lines 2 - 3 + 4) 5 Return on Average Net Investment Line 6 x 3.5137% x 1/12) 8 Investment Expenses La Depreciation Demand Froperty Taxes C Dismantlement C Dismant	1						
c Retirements d Other (A) 2 Plant-in-Service/Depreciation Base 16,296,360 3 Less: Accumulated Depreciation (B) (2,074,156) (2,121,693) (2,164,230) (2,164,230) (2,164,230) (2,164,230) (2,167,66) 4 CWIP - Non Interest Bearing 0 0 0 0 0 0 0 0 5 Net Investment (Lines 2 - 3 + 4) 14,222,204 14,174,667 14,120,899 14,103,362 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) b Debt Component (Line 6 x 3.5137% x 1/12) 8 Investment Expenses a Depreciation b Amortization c Dismantlement d Property Taxes 0		-					
Description				_	-	· · ·	
2 Plant-in-Service/Depreciation Base 16,296,360 16,296,				_	=	_	
1		d Other (A)		U	U	Ü	
CWIP - Non Interest Bearing	2	Plant-in-Service/Depreciation Base	16,296,360	16,296,360	16,296,360	16. 96,360	
Net Investment (Lines 2 - 3 + 4) 14,222,204 14,174,667 14,179,594	3	Less: Accumulated Depreciation (B)	(2,074,156)	(2,121,693)	(2,169,230)	(2,216,766)	
6 Average Net Investment 14,198,436 14,150,899 14,103,362 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) b 253,782 b Debt Component (Line 6 x 3.5137% x 1/12) d 1,573 d 41,434 d 1,295 d 12,302 8 Investment Expenses a Depreciation 47,537 47,537 47,536 142,610 b Amortization 0 0 0 0 0 c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 173,988 173,565 173,141 520,694 a Recoverable Costs Allocated to Energy 173,988 173,565 173,141 520,694 b Recoverable Costs Allocated to Demand 0 0 0 0 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 <td>4</td> <td>CWIP - Non Interest Bearing</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td>	4	CWIP - Non Interest Bearing	0	0			
7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) 84,878 84,594 84,310 253,782 b Debt Component (Line 6 x 3.5137% x 1/12) 41,573 41,434 41,295 124,302 8 Investment Expenses a Depreciation 47,537 47,537 47,536 142,610 b Amortization 0 0 0 0 0 0 0 0 0 0 c Dismantlement 0 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 173,988 173,565 173,141 520,694 a Recoverable Costs Allocated to Energy 173,988 173,565 173,141 520,694 b Recoverable Costs Allocated to Demand 0 0 0 0 0 0 0 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0 0 <td>5</td> <td>Net Investment (Lines 2 - 3 + 4)</td> <td>14,222,204</td> <td>14,174,667</td> <td>14,127,136</td> <td>14,079,594</td> <td></td>	5	Net Investment (Lines 2 - 3 + 4)	14,222,204	14,174,667	14,127,136	14,079,594	
a Equity Component Grossed Up For Taxes (C) 84,878 84,594 84,310 253,782 b Debt Component (Line 6 x 3.5137% x 1/12) 41,573 41,434 41,295 124,302 8 Investment Expenses a Depreciation 47,537 47,537 47,536 142,610 b Amortization 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6	Average Net Investment		14,198,436	14,150,899	14,103,362	
Book Debt Component (Line 6 x 3.5137% x 1/12) 41,573 41,434 41,295 124,302	7	Return on Average Net Investment					
8 Investment Expenses a Depreciation							•
a Depreciation 47,537 47,537 47,536 142,610 b Amortization 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		b Debt Component (Line 6 x 3.5137% x 1/	12)	41,573	41,434	41,295	124,302
a Depreciation 47,537 47,537 47,536 142,610 b Amortization 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8	Investment Expenses					
c Dismantlement 0 0 0 0 d Property Taxes 0 0 0 0 e Other (D) 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 173,988 173,565 173,141 520,694 a Recoverable Costs Allocated to Energy 173,988 173,565 173,141 520,694 b Recoverable Costs Allocated to Demand 0 0 0 0 0 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 0.9648271 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0				47,537	47,537	47,536	142,610
d Property Taxes		b Amortization		0	0	0	0
e Other (D) 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 173,988 173,565 173,141 520,694 a Recoverable Costs Allocated to Energy 173,988 173,565 173,141 520,694 b Recoverable Costs Allocated to Demand 0 0 0 0 0 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0		c Dismantlement		0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8) 173,988 173,565 173,141 520,694 a Recoverable Costs Allocated to Energy 173,988 173,565 173,141 520,694 b Recoverable Costs Allocated to Demand 0 0 0 0 0 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0		d Property Taxes		0	0	0	
a Recoverable Costs Allocated to Energy b 173,988 173,565 173,141 520,694 b Recoverable Costs Allocated to Demand 0 0 0 0 0 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 0.9648271 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0		e Other (D)	-	0	0	0	0
a Recoverable Costs Allocated to Energy b 173,988 173,565 173,141 520,694 b Recoverable Costs Allocated to Demand 0 0 0 0 0 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 0.9648271 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0	٥	Total System Recoverable Expenses (Lines 7	+ 8)	173.988	173,565	173,141	520,694
b Recoverable Costs Allocated to Demand 0 0 0 0 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0	,		,		•		
11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0				•	•		
11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0				* * * * * * * * * * * * * * * * * * * *	0.0/4815*	0.0440040	
12 Retail Energy-Related Recoverable Costs (E) 168,166 167,813 167,285 503,264 13 Retail Demand-Related Recoverable Costs (F) 0 0 0 0							
13 Retail Demand-Related Recoverable Costs (F) 0 0 0	11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
13 Retail Demand-Related Recoverable Costs (F) 0 0 0	12	Retail Energy-Related Recoverable Costs (E)		168,166	167,813	167,285	503,264
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13) 168,166 167,813 167,285 503,264				0	0	0	0
		- · · · · · · · · · · · · · · · · · · ·	·	168,166	167,813	167,285	503,264

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: CEMs - Crist 1,4-7, Scholz 1, Smith 1 & 2, Daniel
P.E.s 1164,1240,1245,1286,1289,1290,1323,1459,1460 & 1558
(in Dollars)

		Beginning of				End of
Line	Description	Period Amount	October	November	December	Period Amount
ı	Investments a Expenditures/Additions		0	0	0	
	a Expenditures/Additions b Clearings to Plant		0	0	0	
	c Retirements		Ö	0	ő	
	d Cost of Removal (A)		0	0	ő	
	c Salvage		ō	ő	ő	
2	Plant-in-Service/Depreciation Base	4,880,153	4,880,153	4,880,153	4,880,153	
3	Less: Accumulated Depreciation (B)	(381,936)	(394,625)	(407,314)	(420,003)	
4	CWIP - Non Interest Bearing	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	4,498,217	4,485,528	4,472,839	4,460,150	
6	Average Net Investment		4,491,873	4,479,184	4,466,495	
7	Return on Average Net Investment					
	 Equity Component Grossed Up For Tax 		26,852	26,777	26,701	80,330
	b Debt Component (Line 6 x 3.5137% x 1	1/12)	13,152	13,115	13,078	39,345
8	Investment Expenses					
	a Depreciation		12,689	12,689	12,689	38,067
	b Amortization		0	0	0	0
	c Dismantlement		0	0	0	0
	d Property Taxes		1,620	1,620	1,620	4,860
	e Other (D)	-	0	0	0	0_
9	Total System Recoverable Expenses (Lines	7 + 8)	54,313	54,201	54,088	162,602
	a Recoverable Costs Allocated to Energy	•	54,313	54,201	54,088	162,602
	b Recoverable Costs Allocated to Deman	đ	0	0	0	0
10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (I	Ξ)	52,496	52,405	52,258	157,159
13	Retail Demand-Related Recoverable Costs		0	0	0	0
14	Total Jurisdictional Recoverable Costs (Line	es 12 + 13)	52,496	52,405	52,258	157,159

Notes:

- (A) Cost of Removal Associated with PE 1164
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Sub. Contam. Mobile Groundwater Treat. Sys.
P.E.s 1007 and 3400
(in Dollars)

Investments			Beginning of				End of
a Expenditures/Additions b Clearings to Plant c Retirements d Cost of Removal (A) e Retirements 0 0 0 0 e Retirements 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 0 0 0 0 0 e Retirements 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Line	Description	Period Amount	October	November	December	Period Amount
b Clearings to Plant	1	Investments					
c Retirements 0 <		a Expenditures/Additions		_	2,478	0	
d Cost of Removal (A) c Retirements 0 0 0 0 c Retirements 2 Plant-in-Service/Depreciation Base 143,018 367,171 369,649 369,649 3 Less: Accumulated Depreciation (B) (15,569) (16,033) (16,777) (17,804) 4 CWIP - Non Interest Bearing 224,153 0 0 0 5 Net Investment (Lines 2 - 3 + 4) 351,602 351,138 352,872 351,845 6 Average Net Investment a Equity Component Grossed Up For Taxes (C) 2,100 2,104 2,106 6,310 b Debt Component (Line 6 x 3.5137% x 1/12) 1,029 1,031 1,032 3,092 8 Investment Expenses a Depreciation 329 609 892 1,830 b Amortization 135 135 135 135 405 c Dismantlement 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 c Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365		b Clearings to Plant		224,153	2,478	0	
Color		c Retirements		_	_	0	
Plant-in-Service/Depreciation Base		` '		-	_	•	
Less: Accumulated Depreciation (B)					_	•	
CWIP - Non Interest Bearing 224,153 0 0 0 0		•					
5 Net Investment (Lines 2 - 3 + 4) 351,602 351,138 352,872 351,845 6 Average Net Investment 351,370 352,005 352,359 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) b Debt Component (Line 6 x 3.5137% x 1/12) 2,100 2,104 2,106 6,310 8 Investment Expenses a Depreciation 329 609 892 1,830 b Amortization 135 135 135 135 405 c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,7							
6 Average Net Investment 351,370 352,005 352,359 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) 2,100 2,104 2,106 6,310 b Debt Component (Line 6 x 3.5137% x 1/12) 1,029 1,031 1,032 3,092 8 Investment Expenses a Depreciation 329 609 892 1,830 b Amortization 135 135 135 405 c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 2	-						
7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) b Debt Component (Line 6 x 3.5137% x 1/12) 8 Investment Expenses a Depreciation 329 609 892 1,830 b Amortization 135 135 135 405 c Dismantlement 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Demand 10 Energy Jurisdictional Factor 10 Energy Jurisdictional Factor 11 Pemand Jurisdictional Factor 12 Retail Energy-Related Recoverable Costs (E) 13 Retail Demand-Related Recoverable Costs (F) 2,100 2,104 2,106 6,310	5	Net Investment (Lines 2 - 3 + 4)	351,602	351,138	352,872	351,845	
a Equity Component Grossed Up For Taxes (C) b Debt Component (Line 6 x 3.5137% x 1/12) 8 Investment Expenses a Depreciation 329 609 892 1,830 b Amortization 135 135 135 405 c Dismantlement 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Demand 10 Energy Jurisdictional Factor 11 Demand Jurisdictional Factor 12 Retail Energy-Related Recoverable Costs (E) 2,100 2,104 2,106 6,310 6,310 1,029 1,031 1,032 3,092 8 Investment Expenses 329 609 892 1,830 0	6	Average Net Investment		351,370	352,005	352,359	
Box Debt Component (Line 6 x 3.5137% x 1/12) 1,029 1,031 1,032 3,092	7	Return on Average Net Investment					
8 Investment Expenses a Depreciation 329 609 892 1,830 b Amortization 135 135 135 405 c Dismantlement 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365		a Equity Component Grossed Up For Taxes	s (C)	2,100	2,104	2,106	6,310
a Depreciation 329 609 892 1,830 b Amortization 135 135 135 405 c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365		b Debt Component (Line 6 x 3.5137% x 1/1	12)	1,029	1,031	1,032	3,092
a Depreciation 329 609 892 1,830 b Amortization 135 135 135 405 c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365	8	Investment Expenses					
c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365				329	609	892	1,830
d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365		b Amortization		135	135	135	405
e Other (D) 9 Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Energy b Recoverable Costs Allocated to Demand 10 Energy Jurisdictional Factor 11 Demand Jurisdictional Factor 12 Retail Energy-Related Recoverable Costs (E) 13 Retail Demand-Related Recoverable Costs (F) 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0		c Dismantlement		0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8) 3,593 3,879 4,165 11,637 a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365		d Property Taxes		0	0	0	0
a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365		e Other (D)	-	0	0	0	0
a Recoverable Costs Allocated to Energy 276 298 320 894 b Recoverable Costs Allocated to Demand 3,317 3,581 3,845 10,743 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365	9	Total System Recoverable Expenses (Lines 7	+ 8)	3,593	3,879	4,165	11,637
10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365	-		•	276	298	320	894
11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365		b Recoverable Costs Allocated to Demand		3,317	3,581	3,845	10,743
12 Retail Energy-Related Recoverable Costs (E) 267 288 309 864 13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365	10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
13 Retail Demand-Related Recoverable Costs (F) 3,200 3,455 3,710 10,365	11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
	12	Retail Energy-Related Recoverable Costs (E)		267	288	309	864
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13) 3,467 3,743 4,019 11,229	13	Retail Demand-Related Recoverable Costs (F) _		3,455	3,710	10,365
	14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	3,467	3,743	4,019	11,229

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1 0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Crist Cooling Tower Cell
P.E. 1232
(in Dollars)

Line	Description	Beginning of Period Amount	October	November	December	End of Period Amount
1	Investments	T CLICA THIOWIN	<u>Velvori</u>	rovemoci	December	1 VIIVO I BILINGED
•	a Expenditures/Additions		0	0	0	
	b Clearings to Plant		0	ō	0	
	c Retirements					
	d Other (A)					
2	Plant-in-Service/Depreciation Base	906,659	906,659	906,659	3 C6,659	
3	Less: Accumulated Depreciation (B)	(149,207)	(152,052)	(154,897)	(157,742)	
4	CWIP - Non Interest Bearing	0	00	0	0	
5	Net Investment (Lines 2 - 3 + 4)	757,452	754,607	751,762	748,917	
6	Average Net Investment		756,030	753,185	750,340	
7	Return on Average Net Investment					
	a Equity Component Grossed Up For Taxe	• •	4,520	4,503	4,486	13,509
	b Debt Component (Line 6 x 3.5137% x 1/	12)	2,214	2,205	2,197	6,616
8	Investment Expenses					
	a Depreciation		2,645	2,645	2,645	7,935
	b Amortization		0	0	0	0
	c Dismantlement		200	200	200	600
	d Property Taxes		0	0	0	0
	e Other (D)	_	0	0	0	0
9	Total System Recoverable Expenses (Lines 7	+ 8)	9,579	9,553	9,52%	28,660
	a Recoverable Costs Allocated to Energy		737	735	733	2,205
	b Recoverable Costs Allocated to Demand		8,842	8,818	8,795	26,455
10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648. i3	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		712	711	708	2,131
13	Retail Demand-Related Recoverable Costs (F	?)	8,531	8,508	8,486	25,525
14	Total Jurisdictional Recoverable Costs (Lines	s 12 + 13)	9,243	9,219	9,194	27,656

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11



Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Crist 1-5 Dechlorination
P.E. 1248
(in Dollars)

	Line	Description	Beginning of Period Amount	October	November	December	End of Period Amount
	1	Investments					
		a Expenditures/Additions		0	0	0	
		b Clearings to Plant		C	0	0	
		c Retirements					
		d Other (A)					
	2	Plant-in-Service/Depreciation Base	305,323	305,323	305,323	305,323	
	3	Less: Accumulated Depreciation (B)	(32,351)	(33,242)	(34,133)	(35,024)	
	4 CWIP - Non Interest Bearing		0	0	0	0	
	5	Net Investment (Lines 2 - 3 + 4)	272,972	272,081	271,190	270,299	
	6	Average Net Investment		272,527	271,636	270,745	
	7	Return on Average Net Investment					
		a Equity Component Grossed Up For Taxes		1,629	1,624	1,619	4,872
		b Debt Component (Line 6 x 3.5137% x 1/	12)	798	795	793	2,386
'n	8	Investment Expenses					
-		a Depreciation		891	891	891	2,673
~		b Amortization		0	0	0	0
		c Dismantlement		0	0	0	0
		d Property Taxes		0	0	0	0
		e Other (D)	-	0			
	9	Total System Recoverable Expenses (Lines 7	+ 8)	3,318	3,310	3,303	9,931
		a Recoverable Costs Allocated to Energy		255	255	254	764
		b Recoverable Costs Allocated to Demand		3,063	3,055	3,049	9,167
	10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
	11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
	12	Retail Energy-Related Recoverable Costs (E)		246	247	245	738
	13	Retail Demand-Related Recoverable Costs (F		2,955	2,948	2,942	8,845
	14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	3,201	3,195	3,187	9,583

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Schedule 8A-2 Page 9 of 16

Gulf Power Company

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes For Project: Crist Diesel Fuel Oil Remediation P.E. 1270 (in Dollars)

			Beginning of				End of
Li	ne	Description	Period Amount	October	November	<u>December</u>	Period Amount
1	Inv	estments					
	a	Expenditures/Additions		0	0	0	
	ь	Clearings to Plant		0	0	0	
	С	Retirements					
	d	Other (A)					
2	Pia	nt-in-Service/Depreciation Base	47,955	47,955	47,955	47,955	
3	Les	ss: Accumulated Depreciation (B)	(5,738)	(5,878)	(6,018)	(6,158)	
4	CV	VIP - Non Interest Bearing	0	0	0	0	
5	Ne	t Investment (Lines 2 - 3 + 4)	42,217	42,077	41,937	41,797	
6	Av	erage Net Investment		42,147	42,007	41,867	
7	Re	turn on Average Net Investment					
	a	Equity Component Grossed Up For Taxe	s (C)	252	251	250	753
	b	Debt Component (Line 6 x 3.5137% x 1/	12)	123	123	123	369
8	3 Inv	vestment Expenses					
ω	a	Depreciation		140	140	140	420
Ω.	ь	Amortization		0	0	0	0
	c	Dismantlement		0	0	0	0
	d	Property Taxes		0	0	0	0
	е	Other (D)	-	0	0	0	0
9) To	tal System Recoverable Expenses (Lines 7	+ 8)	515	514	513	1,542
	8	Recoverable Costs Allocated to Energy		40	40	39	11 9
	Ь	Recoverable Costs Allocated to Demand	İ	475	474	474	1,423
10	0 En	ergy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
1	1 De	emand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
1:	2 Re	tail Energy-Related Recoverable Costs (E))	39	39	38	116
1:	3 Re	tail Demand-Related Recoverable Costs (I	F) _	458	457	457	1,372
ţ.	4 To	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		497	496	495	1,488

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Crist Bulk Tanker Unload Sec Contain Struc
P.E. 1271
(in Dollars)

Line	Description	Beginning of Period Amount	October	November		End of Period Amount
1	Investments	*				
_	a Expenditures/Additions		0		0	
	b Clearings to Plant		0		0	
	c Retirements					
	d Other (A)					
2	Plant-in-Service/Depreciation Base	101,495	101,495	195	101,495	
3	Less: Accumulated Depreciation (B)	(10,684)	(10,980)	276)	(11,572)	
4	CWIP - Non Interest Bearing	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	90,811	90.515	90,219	89,923	
6	Average Net Investment		90,6/1	90,367	90,071	
7	Return on Average Net Investment					
	a Equity Component Grossed Up For Tax	(C)	542	540	538	1,620
	b Debt Component (Line 6 x 3.5137% + .	12)	265	265	264	794
8	Investment Expenses					
	a Depreciation		296	296	296	888
	b Amortization		0	0	0	0
	c Dismantlement		0	0	0	0
	d Property Taxes		0	0	0	0
	e Other (D)	-	0	0	0	0
9	Total System Recoverable Expenses (Lines 7	7 + 8)	1,103	1,101	1,098	3,302
	a Recoverable Costs Allocated to Energy		85	85	84	254
	b Recoverable Costs Allocated to Demand	i	1,018	1,016	1,014	3,048
10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E	()	82	82	81	245
13	Retail Demand-Related Recoverable Costs (982	980	978	2,940
14	Total Jurisdictional Recoverable Costs (Line		1,064	1,062	1,059	3,185

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11



Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes For Project: Crist IWW Sampling System P.E. 1275 (in Dollars)

Line	Description	Beginning of Period Amount	October	November	December	End of Period Amount
1	Investments	LANATIMENA	SCHOOL ST.	Darke see	BCITTOTE ST	
-	a Expenditures/Additions		0	0	0	
	b Clearings to Plant		0	0	0	
	c Retirements					
	d Other (A)					
2	Plant-in-Service/Depreciation Base	59,543	59,543	59,543	59,543	
3	Less: Accumulated Depreciation (B)	(6,590)	(6,764)	(6,938)	(7,112)	
4	CWIP - Non Interest Bearing	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	52,953	52,779	52,605	52,431	
6	Average Net Investment		52,866	52,692	52,518	
7	Return on Average Net Investment					
	a Equity Component Grossed Up For Taxe		316	315	314	945
	b Debt Component (Line 6 x 3.5137% x 1/	12)	155	154	154	463
8	Investment Expenses					
	a Depreciation		174	174	174	522
	b Amortization		0	0	0	0
	c Dismantlement		0	0	0	0
	d Property Taxes		0	0	0	0
	e Other (D)	-	0	0	. 0	0
9	Total System Recoverable Expenses (Lines 7	+ 8)	645	643	642	1,930
	a Recoverable Costs Allocated to Energy		50	49	49	148
	b Recoverable Costs Allocated to Demand		595	594	593	1,782
10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648247	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0,9648271	
12	Retail Energy-Related Recoverable Costs (E)	1	48	47	47	142
13	Retail Demand-Related Recoverable Costs (F	F)	574	573	572	1,719
14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	622	620	619	1,861

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11



Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Smith Stormwater Collection System
P.E. 1446
(in Dollars)

Investments	Line	Description	Beginning of Period Amount	October	November	December	End of Period Amount
a Expenditures/Additions b Clearings to Plant c Retirements d Other (A) 2 Plant-in-Service/Depreciation Base 2,782,600 2,782,			renou Amoun	October	November	December	FEI IOU AIIIUUIB
b Clearings to Plant c Retirements d Other (A) 2 Plant-in-Service/Depreciation Base 2,782,600 2	•			O	0	n	
c Retirements d Other (A) 2 Plant-in-Service/Depreciation Base 2,782,600 2,782,600 2,782,600 2,782,600 2,782,600 3 Less: Accumulated Depreciation (B) (238,711) (246,133) (253,554) (260,975) (260,975) (2782,600 2,782,600 2,782,600 2,782,600 3 Less: Accumulated Depreciation (B) (238,711) (246,133) (253,554) (260,975		•					
2 Plant-in-Service/Depreciation Base 2,782,600 2,782,600 2,782,600 2,782,600 3 Less: Accumulated Depreciation (B) (238,711) (246,133) (253,554) (260,975) 4 CWIP - Non Interest Bearing 0 0 0 0 0 0 0 5 Net Investment (Lines 2 - 3 + 4) 2,543,889 2,536,467 2,529,046 2,521,625 6 Average Net Investment 2,543,889 2,536,467 2,529,046 2,521,625 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) 15,185 15,141 15,096 45,422 b Debt Component (Line 6 x 3.5137% x 1/12) 7,438 7,416 7,394 22,248 8 Investment Expenses a Depreciation 7,422 7,421 7,421 22,264 b Amortization 0 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				•	•		
Less: Accumulated Depreciation (B)		d Other (A)					
CWIP - Non Interest Bearing	2	Plant-in-Service/Depreciation Base	2,782,600	2,782,600	2,782,600	2,782,600	
Net Investment (Lines 2 - 3 + 4) 2,543,889 2,536,467 2,529,046 2,521,625	3	Less: Accumulated Depreciation (B)	(238,711)	(246,133)	(253,554)	(260,975)	
6 Average Net Investment 2,540,178 2,532,757 2,525,336 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) 15,185 15,141 15,096 45,422 b Debt Component (Line 6 x 3.5137% x 1/12) 7,438 7,416 7,394 22,248 8 Investment Expenses a Depreciation 7,422 7,421 7,424 22,264 b Amortization 0 0 6 0	4	CWIP - Non Interest Bearing	0	0	0	0	
7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) 15,185 15,141 15,096 45,422 b Debt Component (Line 6 x 3.5137% x 1/12) 7,438 7,416 7,394 22,248 8 Investment Expenses a Depreciation 7,422 7,421 7,423 22,264 b Amortization 0 0 6 0	5	Net Investment (Lines 2 - 3 + 4)	2,543,889	2,536,467	2,529,046	2,521,625	
a Equity Component Grossed Up For Taxes (C) b Debt Component (Line 6 x 3.5137% x 1/12) 7,438 7,416 7,394 22,248 8 Investment Expenses a Depreciation 7,422 7,421 7,421 22,264 b Amortization 0 0 0 6 0 c Dismantlement 0 0 0 6 0 d Property Taxes 0 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 30,045 29,978 11 89,934 a Recoverable Costs Allocated to Energy 2,311 2,306 2,301 6,918 b Recoverable Costs Allocated to Demand 27,734 27,672 27,610 83,016 10 Energy Jurisdictional Factor 0,9648271 0,9648271 0,9648271 11 Demand Jurisdictional Factor 0,9648271 0,9648271 0,9648271 12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097	6	Average Net Investment		2,540,178	2,532,757	2,525,336	
Box Debt Component (Line 6 x 3.5137% x 1/12) 7,438 7,416 7,394 22,248	7	Return on Average Net Investment					
8 Investment Expenses a Depreciation 7,422 7,421 7,421 22,264 b Amortization 0 0 0 0 0 0 c Dismantlement 0 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 30,045 29,978 111 89,934 a Recoverable Costs Allocated to Energy 2,311 2,306 2,301 6,918 b Recoverable Costs Allocated to Demand 27,734 27,672 27,610 83,016 10 Energy Jurisdictional Factor 0,9648271 0,9648271 0,9648271 11 Demand Jurisdictional Factor 0,9648271 0,9648271 0,9648271 12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097		a Equity Component Grossed Up For Taxe	s (C)	15,185	15,141		45,422
a Depreciation 7,422 7,421 7,423 22,264 b Amortization 0 0 0 6 0 c Dismantlement 0 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		b Debt Component (Line 6 x 3.5137% x 1/	12)	7,438	7,416	7,394	22,248
a Depreciation 7,422 7,421 7,423 22,264 b Amortization 0 0 0 6 0 c Dismantlement 0 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8	Investment Expenses					
Comparison Com	_			7,422	7,421	7,42 :	22,264
d Property Taxes 0		b Amortization		0	0	fe	0
e Other (D) 9 Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Energy b Recoverable Costs Allocated to Demand 10 Energy Jurisdictional Factor 11 Demand Jurisdictional Factor 12 Retail Energy-Related Recoverable Costs (E) 13 Retail Demand-Related Recoverable Costs (F) 14 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		c Dismantlement		0	0	:	0
9 Total System Recoverable Expenses (Lines 7 + 8) 30,045 29,978 111 89,934 a Recoverable Costs Allocated to Energy 2,311 2,306 2,301 6,918 b Recoverable Costs Allocated to Demand 27,734 27,672 29,610 83,016 10 Energy Jurisdictional Factor 0,9651891 0,9655103 6 9648241 11 Demand Jurisdictional Factor 0,9648271 0,9648271 0,9648271 12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097		d Property Taxes		_	_		
a Recoverable Costs Allocated to Energy 2,311 2,306 2,301 6,918 b Recoverable Costs Allocated to Demand 27,734 27,672 27,610 83,016 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648273 12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097		e Other (D)	_	0	0	<u>)</u>	0
a Recoverable Costs Allocated to Energy b 2,311 2,306 2,301 6,918 b Recoverable Costs Allocated to Demand 27,734 27,672 27,610 83,016 10 Energy Jurisdictional Factor 0.9651891 0.9655103 6 9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648273 12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097	9	Total System Recoverable Expenses (Lines 7	+8)	30.045	29,978	2 201	89,934
10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648273 12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097	-		•	2,311	2,306	2.301	6,918
11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 0.8648273 12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097		b Recoverable Costs Allocated to Demand		27,734	27,672	27,610	83,016
11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 0.8648273 12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097	10	Ensemy Jurisdictional Factor		0.0651801	0.9655103	6 9648243	
12 Retail Energy-Related Recoverable Costs (E) 2,234 2,230 2,223 6,687 13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097							
13 Retail Demand-Related Recoverable Costs (F) 26,759 26,699 26,639 80,097		Louisene estimatelipiidi i delui		V, /UTUE / I	U. / UTUE/)	U . U 700 . 1	
	12	Retail Energy-Related Recoverable Costs (E)		2,234	2,230	2,223	6,687
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13) 28,993 28,929 28,862 86,784	13	Retail Demand-Related Recoverable Costs (F) _	26,759	26,699	26,639	80,097
	14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	28,993	28,929	28,862	86,784

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Smith Waste Water Treatment Facility
P.E. 1466
(in Dollars)

Investments Exemption Period Amount Decore November December Period Amount Decore November December Period Amount Decore		B	Beginning of	Ostabas	N	December	End of Period Amount
a Expenditures/Additions b Clearings to Plant c Retirements d Other (A) 2 Plant-in-Service/Depreciation Base 175,200 175,	Line	<u>Description</u>	Period Amount	October	November	December	Period Amount
b Clearings to Plant c Retirements d Other (A) 2 Plant-in-Service/Depreciation Base 175,200 175,200 175,200 175,200 3 Less: Accumulated Depreciation (B) (20,452) (20,920) (21,387) (21,854) 4 CWIP - Non Interest Bearing 0 0 0 0 0 0 Net Investment (Lines 2 - 3 + 4) 154,748 154,280 153,813 153,346 6 Average Net Investment 154,514 154,047 153,580 7 Return on Average Net Investment a Equity Component (Grossed Up For Taxes (C) 924 921 918 2,763 b Debt Component (Line 6 x 3.5137% x 1/12) 452 451 450 1,353 8 Investment Expenses a Depreciation 468 467 467 1,402 b Amortization 0 0 0 0 0 0 c Dismantlement 0 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0,9648271 0,9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 4,914 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914	'			0	0	0	
c Retirements d Other (A) 2 Plant-in-Service/Depreciation Base 175,200 175,200 175,200 175,200 3 Less: Accumulated Depreciation (B) (20,452) (20,920) (21,387) (21,854) (21,854) (20,920) (21,387) (21,854) (21,854) (20,920) (21,387) (21,854) (21,854) (20,920) (21,387) (21,854) (21,854) (20,920) (21,387) (21,854) (21,854) (20,920) (21,387) (21,854) (21,854) (20,920) (21,387) (21,854) (21,8							
Description		5		_			
1		d Other (A)					
CWIP - Non Interest Bearing	2	Plant-in-Service/Depreciation Base	175,200	•			
5 Net Investment (Lines 2 - 3 + 4) 154,748 154,280 153,813 153,346 6 Average Net Investment 154,514 154,047 153,580 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) b Debt Component (Line 6 x 3.5137% x 1/12) 924 921 918 2,763 b Debt Component (Line 6 x 3.5137% x 1/12) 452 451 450 1,353 8 Investment Expenses a Depreciation 468 467 467 1,402 b Amortization 0 0 0 0 0 c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdiction	_		(20,452)				
6 Average Net Investment 154,514 154,047 153,580 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) 924 921 918 2,763 b Debt Component (Line 6 x 3.5137% x 1/12) 452 451 450 1,353 8 Investment Expenses 468 467 467 1,402 b Amortization 0 0 0 0 0 c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 0.9648271 10 Energy-Related Recoverable Costs (E) 137 136 136 409	4						
7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (C) 924 921 918 2,763 b Debt Component (Line 6 x 3.5137% x 1/12) 452 451 450 1,353 8 Investment Expenses a Depreciation 468 467 467 1,402 b Amortization 0 0 0 0 0 c Dismantlement 0 0 0 0 0 d Property Taxes 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1.698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Co	5	Net Investment (Lines 2 - 3 + 4)	154,748	154,280	153,813	153,346	
a Equity Component Grossed Up For Taxes (C) b Debt Component (Line 6 x 3.5137% x 1/12) 8 Investment Expenses a Depreciation	6	Average Net Investment		154,514	154,047	153,580	
Debt Component (Line 6 x 3.5137% x 1/12) 452 451 450 1,353	7	Return on Average Net Investment					
8 Investment Expenses a Depreciation		a Equity Component Grossed Up For Taxe	s (C)				
a Depreciation 468 467 467 1,402 b Amortization 0 0 0 0 0 c Dismantlement 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914		b Debt Component (Line 6 x 3.5137% x 1/	12)	452	451	450	1,353
a Depreciation 468 467 467 1,402 b Amortization 0 0 0 0 0 c Dismantlement 0 0 0 0 0 0 d Property Taxes 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914	8	Investment Expenses					
c Dismantlement 0 0 0 0 d Property Taxes 0 0 0 0 e Other (D) 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 144 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 0.9648241 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914		-		468	467	467	1,402
d Property Taxes 0 0 0 0 0 0 e Other (D) 0 0 0 0 0 9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914		b Amortization		0	0	0	0
Other (D) O O O O O O O O O		c Dismantlement		0		_	
9 Total System Recoverable Expenses (Lines 7 + 8) 1,844 1,839 1,835 5,518 a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914		d Property Taxes		_		-	_
a Recoverable Costs Allocated to Energy 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914		e Other (D)	_	0	0	0	
a Recoverable Costs Allocated to Energy b 142 141 141 424 b Recoverable Costs Allocated to Demand 1,702 1,698 1,694 5,094 10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243 11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914	9	Total System Recoverable Expenses (Lines 7	+ 8)	1,844	1,839	1,835	5,518
10 Energy Jurisdictional Factor 0.9651891 0.9655103 0.9648243			•	142	141	141	424
11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914		b Recoverable Costs Allocated to Demand		1,702	1,698	1,694	5,094
11 Demand Jurisdictional Factor 0.9648271 0.9648271 0.9648271 12 Retail Energy-Related Recoverable Costs (E) 137 136 136 409 13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914	10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914				0.9648271	0.9648271	0.9648271	
13 Retail Demand-Related Recoverable Costs (F) 1,642 1,638 1,634 4,914	12	Retail Energy-Related Recoverable Costs (E)		137	136	136	409
				1,642	1,638	1,634	4,914
			•	1,779	1,774	1,770	5,323

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes
For Project: Daniel Ash Management Project
P.E. 1535
(in Dollars)

Line	Description	Beginning of Period Amount	October	November	December	End of Period Amount
1	Investments					
	a Expenditures/Additions	0	0	0	0	
	b Clearings to Plant	0	0	0	0	
	c Retirements					
	d Other (A)					
2	Plant-in-Service/Depreciation Base	13,242,469	13,242,469	13,242,469	13,242,469	
3	Less: Accumulated Depreciation (B)	(1,477,003)	(1,511,963)	(1,546,923)	(1,581,883)	
4	CWIP - Non Interest Bearing	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	11,765,466	11,730,506	11,695,546	11,660,586	
6	Average Net Investment		11,747,986	11,713,026	11,678,066	
_						
7	Return on Average Net Investment	- (0)	70,229	70.020	69,811	210,060
	a Equity Component Grossed Up For Taxe		34.398	34,296	34,193	102,887
	b Debt Component (Line 6 x 3.5137% x 1/	12)	34,370	34,270	34,173	102,667
8	Investment Expenses					
	a Depreciation		26,485	26,485	26,485	79,455
	b Amortization		0	0	0	0
	c Dismantlement		8,475	8,475	8,475	25,425
	d Property Taxes		37,251	37,251	37,251	111,753
	e Other (D)	-	0	0	0	0
9	Total System Recoverable Expenses (Lines 7	+ 8)	176,838	176,527	176,215	529,580
,	a Recoverable Costs Allocated to Energy	٠,	13,603	13,579	13,555	40,737
	b Recoverable Costs Allocated to Demand		163,235	162,948	352,560	488,843
	W		0.9651891	0.9655103	0.9648240	
10	Energy Jurisdictional Factor		0.9648271	0.9633103	0.9648271	
11	Demand Jurisdictional Factor		0.70484/1	U.7040271	V.7U+02/i	
12	Retail Energy-Related Recoverable Costs (E)	1	13,148	13,129	13,097	39,374
13	Retail Demand-Related Recoverable Costs (F		157,494	157,217	156,939	471,650
14	Total Jurisdictional Recoverable Costs (Lines	s 12 + 13)	170,642	170,346	170,036	511,024

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount for the Period October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes For Project: Underground Fuel Tank Replacement P.E. 4397 (in Dollars)

		Beginning of				End of
Line	Description	Period Amount	October	<u>November</u>	December	Period Amount
I	Investments					
	a Expenditures/Additions		0	0	0	
	b Clearings to Plant	0	0	0	0	
	c Retirements					
	d Other (A)					
2	Plant-in-Service/Depreciation Base	457,919	457,919	457,919	457,919	
3	Less: Accumulated Depreciation (B)	(88,873)	(93,793)	(98,713)	(103,634)	
4	CWIP - Non Interest Bearing	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	369,046	364,126	359,206	354,285	
6	Average Net Investment		366,586	361,666	356,746	
-	D. A A No. I was a town and					
7	Return on Average Net Investment a Equity Component Grossed Up For Taxes	· (C)	2,191	2,162	2,133	6,486
	 Equity Component Grossed Up For Taxet Debt Component (Line 6 x 3.5137% x 1/1) 		1,073	1,059	1,045	3,177
	beot Component (Enc o x 5.515774 x 1)	-,	2,070	*****	-,	
8	Investment Expenses					
	a Depreciation		4,920	4,920	4,921	14,761
	b Amortization		0	0	0	0
	c Dismantlement		0	0	0	0
	d Property Taxes		0	0	0	0
	e Other (D)	_	0	0	0	0
			0.101	0.141	8,099	24,424
9	Total System Recoverable Expenses (Lines 7	+ 8)	8,184 630	8,141 626	623	1,879
	a Recoverable Costs Allocated to Energy				7,476	22,545
	b Recoverable Costs Allocated to Demand		7,554	7,515	7,470	22,343
10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
.,	Denimin Introductional Legion		41,7010=71			
12	Retail Energy-Related Recoverable Costs (E)		609	605	602	1,816
13	Retail Demand-Related Recoverable Costs (F		7,288	7,251	7,213	21,752
14	Total Jurisdictional Recoverable Costs (Lines		7,897	7,856	7,815	23,568

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002)
- (D) Description and reason for 'Other' adjustments to investment expenses for this project
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)

Calculation of the Final True-Up Amount for the Period

October 1998 - December 1998

Return on Capital Investments, Depreciation and Taxes For Project: SO2 Allowances

(in Dollars)

		Beginning of				End of
Line	·	Period Amount	<u>Oriober</u>	November	<u>December</u>	Period Amount
l	Investments		_	_	_	
	a Expenditures/Additions	Ç.	0	0	0	
	b Clearings to Plant	Ú	0	0	0	
	c Retirements	0	0	0	0	
	d Other (A)	0	0	0	0	
2	Plant-in-Service/Depreciation Base	(3,370,238)	(2,403,663)	(1,437,031)	(474,825)	
3	Less: Accumulated Depreciation (B)	0	0	0	0	
4	CWIP - Non Interest Bearing	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	(3,370,238)	(2,403,663)	(1,437,031)	(474,825)	
6	Average Net Investment		(2,886,951)	(1,920,347)	(955,928)	
7	Return on Average Net Investment					
	a Equity Component Grossed Up For Taxe	s (C)	(17,258)	(11,480)	(5,715)	(34,453)
	b Debt Component (Line 6 x 3.5137% x 1/	12)	(8,453)	(5,623)	(2,799)	(16,875)
8	Investment Expenses					
	a Depreciation		0	0	0	0
	b Amortization		0	0	0	0
	c Dismantlement		0	0	0	0
	d Property Taxes		0	0	0	0
	e Other (D)		(966,575)	(966,632)	(962,206)	(2,895,413)
9	Total System Recoverable Expenses (Lines 7	+ 8)	(992,286)	(983,735)	(970,720)	(2,946,741)
•	a Recoverable Costs Allocated to Energy	٠,	(992,286)	(983,735)	(970,720)	
	b Recoverable Costs Allocated to Demand		0	0	Ô	o o
10	Energy Jurisdictional Factor		0.9651891	0.9655103	0.9648243	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	
111	Demand Misalchonal Lactor		0.7040471	V.7040271	Q.70402/1	
12	Retail Energy-Related Recoverable Costs (E)		(959,084)	(951,136)	(937,885)	(2,848,105)
13	Retail Demand-Related Recoverable Costs (F		0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	(959,084)	(951,136)	(937,885)	(2,848,105)

- (A) Description and reason for 'Other' adjustments to net Investment for this project
- (B) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (C) Line 6 x 7.1729% x 1/12. Based on ROE of 12% and weighted income tax rate of 38.575% (expansion factor of 1.628002
- (D) Emission Allowance Expense: Each month includes 1/4 of the gain associated with the sale of emission allowances. The
- (E) Line 9a x Line 10 x 1.0014 line loss multiplier
- (F) Line 9b x Line 11

