# ORIGINAL

# **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

# ENVIRONMENTAL COST RECOVERY CLAUSE

# **DOCKET NO. 990007-EI**

# PREPARED DIRECT TESTIMONY AND EXHIBIT OF SUSAN D. RITENOUR

PROJECTION FILING FOR THE PERIOD

JANUARY 2000 – DECEMBER 2000

OCTOBER 1, 1999



**A SOUTHERN COMPANY** 

DOCUMENT NUMBER-DATE

11846 OCT-IS

FPSC-RECORDS/REPORTING

1		GULF POWER COMPANY
2		Before the Florida Public Service Commission Direct Testimony of
3		Susan D. Ritenour Docket No. 990007-EI
4		Date of Filing: October 1, 1999
5		
6	Q.	Please state your name, business address and
7		occupation.
8	Α.	My name is Susan Ritenour. My business address is One
9		Energy Place, Pensacola, Florida 32520-0780. I hold
10		the position of Assistant Secretary and Assistant
11		Treasurer for Gulf Power Company.
12		
13	Q.	Please briefly describe your educational background
14		and business experience.
15	A.	I graduated from Wake Forest University in
16		Winston-Salem, North Carolina in 1981 with a Bachelor
17		of Science Degree in Business and from the University
18		of West Florida in 1982 with a Bachelor of Arts Degree
19		in Accounting. I am also a Certified Public
20		Accountant licensed in the State of Florida. I joined
21		Gulf Power Company in 1983 as a Financial Analyst.
22		Prior to assuming my current position, I have held
23		various positions with Gulf including Computer
24		Modeling Analyst, Senior Financial Analyst, and
25		Supervisor of Rate Services.

DOCUMENT NUMBER-DATE

11846 OCT-18 FPSC-RECORDS/REPORTING

16 SA 38

1 My responsibilities include supervision of: 2 tariff administration, cost of service activities, 3 calculation of cost recovery factors, the regulatory 4 filing function of the Rates and Regulatory Matters 5 Department, and various treasury activities. 6 7 Q. Have you previously filed testimony before this 8 Commission in connection with Gulf's Environmental 9 Cost Recovery Clause (ECRC)? 10 Yes, I have. Α. 11 12 Ο. What is the purpose of your testimony? 13 The purpose of my testimony is to present both the Α. 14 calculation of the revenue requirements and the 15 development of the environmental cost recovery factors for the period of January 2000 through December 2000. 16 17 18 Have you prepared an exhibit that contains information 0. 19 to which you will refer in your testimony? 20 Yes, I have. My exhibit consists of 15 schedules, Α. 21 each of which were prepared under my direction, 22 supervision, or review. 23 24 25

Counsel: We ask that Ms. Ritenour's Exhibit 1 consisting of 15 schedules be marked 2 as Exhibit No. \_\_\_\_(SDR-2). 3 4 What environmental costs is Gulf requesting for 5 Q. 6 recovery through the Environmental Cost Recovery 7 Clause? As discussed in the testimony of J. O. Vick, Gulf is 8 Α. 9 requesting recovery for certain environmental 10 compliance operating expenses and capital costs that are consistent with both the decision of the 11 Commission in Docket No. 930613-EI and with past 12 proceedings in this ongoing recovery docket. The 13 14 costs we have identified for recovery through the ECRC are not currently being recovered through base rates 15 or any other recovery mechanism. 16 17 What has Gulf calculated as the total true-up to be 18 Q. applied in the period January 2000 through December 19 2000? 20 The total true-up for this period is a decrease of 21 Α. \$354,185. This includes a final true-up under-22 recovery of \$14,963 for the period October 1997 23 through September 1998, and a final true-up over-24 25 recovery of \$65,238 for the period October through

December 1998 as shown on lines 3a and 3b of Schedule 42-1P. It also includes an estimated over-recovery of \$303,910 for the period January 1999 through December 1999 as shown on line 2 of Schedule 42-1P. The detailed calculations supporting the estimated true-up are contained in Schedules 42-1E through 42-8E.

8 Q. How was the amount of projected O & M expenses to be
9 recovered through the ECRC calculated?

10 Α. Mr. Vick has provided me with projected recoverable 11 0 & M expenses for January 2000 through December 2000. 12 Schedule 42-2P of my exhibit shows the calculation of 13 the recoverable 0 & M expenses broken down between the 14 demand-related and energy-related expenses. Also, 15 Schedule 42-2P provides the appropriate jurisdictional 16 factors and amounts related to these expenses. All 17 0 & M expenses associated with compliance with the 18 Clean Air Act Amendments of 1990 were considered to be 19 energy-related, consistent with Commission Order No. PSC-94-0044-FOF-EI. The remaining expenses were 20 21 broken down between demand and energy consistent with 22 Gulf's last approved cost-of-service methodology in 23 Docket No. 891345-EI.

24

7

Q. Please describe Schedules 42-3P and 42-4P of your
 exhibit.

3 Α. Schedule 42-3P summarizes the monthly recoverable 4 revenue requirements associated with each capital 5 investment for the recovery period. Schedule 42-4P 6 shows the detailed calculation of the revenue 7 requirements associated with each investment. These 8 schedules also include the calculation of the 9 jurisdictional amount of recoverable revenue 10 requirements. Mr. Vick has provided me with the 11 expenditures, clearings, retirements, salvage, and 12 cost of removal related to each capital project and 13 the monthly costs for emission allowances. From that 14 information, I calculated Plant-in-Service and 15 Construction Work In Progress-Non Interest Bearing 16 (CWIP-NIB). Depreciation and dismantlement expense 17 and the associated accumulated depreciation balances were calculated based on Gulf's approved depreciation 18 19 rates and dismantlement accruals. The capital 20 projects identified for recovery through the ECRC are 21 those environmental projects which are not included in 22 the approved projected 1990 test year on which present 23 base rates were set.

24

Q. What is the appropriate methodology for making an
 adjustment to ECRC project costs to reflect the
 retirement of replaced plant-in-service that is being
 recovered through base rates?

5 Α. It is not necessary or appropriate to make an 6 adjustment to the total costs associated with a 7 capital project recoverable through the ECRC. Under 8 utility accounting, the impact on net plant-in-service 9 when a project is retired is \$0, because both plant-10 in-service and accumulated depreciation are decreased 11 by the original cost of the retired equipment. Then, 12 when a new capital item is placed in service, net 13 plant is increased by the total cost of that new 14 capital addition. Stated another way, Gulf's rate base is increased by the total cost of the new capital 15 16 project. The entire original investment still must be 17 recovered through depreciation expense. Any depreciation reserve deficiency caused by premature 18 19 retirements will result in additional depreciation 20 expense in future depreciation studies. Gulf should 21 be allowed to recover the carrying costs associated 22 with this increase in rate base that was a direct 23 result of a new or expanded environmental requirement.

24

Q. What is the appropriate methodology for making an
 adjustment to ECRC project costs to reflect
 capitalized payroll charges that are being recovered
 through base rates?

5 No adjustment should be made to reduce total ECRC Α. 6 project costs by the cost of capitalized payroll 7 charges. These costs are incremental costs necessary 8 for placing a capital item in service. Gulf staffs 9 for a normal level of operations; therefore, due to 10 workload and specialized skills required, contract 11 labor is usually used for environmental capital 12 projects. If a project is deemed appropriate for 13 recovery through the ECRC, all capital costs required 14 to complete the project should be included.

15

16 Q. How was the amount of Property Taxes to be recovered17 through the ECRC derived?

18 Α. Property taxes were calculated by applying the 19 applicable tax rate to taxable investment. Τn 20 Florida, pollution control facilities are taxed based 21 only on their salvage value. For the recoverable 22 environmental investment located in Florida, the 23 amount of property taxes is estimated to be \$0. In 24 Mississippi, there is no such reduction in property 25 taxes for pollution control facilities. Therefore,

property taxes related to recoverable environmental
 investment at Plant Daniel are calculated by applying
 the applicable millage rate to the assessed value of
 the property.

5

6 Q. What capital structure and return on equity were used
7 to develop the rate of return used to calculate the
8 revenue requirements?

9 Α. The rate of return used is based on Gulf's capital structure as approved in Gulf's last rate case, Docket 10 11 No. 891345-EI, Order No. 23573, dated October 3, 1990. This rate of return incorporates a return on equity of 12 12.0% as approved by Commission Order No. PSC-93-0771-13 FOF-EI, dated May 20, 1993. The use of this rate of 1.4 return for the calculation of revenue requirements for 15 16 the ECRC was approved by the Commission in Order No. PSC-94-0044-FOF-EI dated January 12, 1994 in Docket 17 18 No. 930613-EI.

19

20 Q. How was the breakdown between demand-related and
21 energy-related investment costs determined?

A. The investment-related costs associated with
compliance with the Clean Air Act Amendments of 1990

24 (CAAA) were considered to be energy-related,

25 consistent with Commission Order No. PSC-94-0044-FOF-

1		EI, dated January 12, 1994 in Docket No. 930613-EI.
2		The remaining investment-related costs of
3		environmental compliance not associated with the CAAA
4		were allocated 12/13th based on demand and 1/13th
5		based on energy, consistent with Gulf's last cost-of-
6		service study. The calculation of this breakdown is
7		shown on Schedule 42-4P and summarized on
8		Schedule 42-3P.
9		
10	Q.	What is the total amount of projected recoverable
11		costs related to the period January 2000 through
12		December 2000?
13	Α.	The total projected jurisdictional recoverable costs
14		for the period January 2000 through December 2000 are
15		\$11,743,141 as shown on line 1c of Schedule 42-1P.
16		This includes costs related to 0 & M activities of
17		\$3,475,258 and costs related to capital projects of
18		\$8,267,883 as shown on lines 1a and 1b of Schedule
19		42-1P.
20		
21	Q.	What is the total recoverable revenue requirement and
22		how was it allocated to each rate class?
23	Α.	The total recoverable revenue requirement including
24		revenue taxes is \$11,570,838 for the period January
25		2000 through December 2000 as shown on line 5 of

Docket No. 990007-EI Page 9 Witness: Susan D. Ritenour

\_\_\_\_\_

Schedule 42-1P. This amount includes the recoverable 1 costs related to the projection period and the total 2 true-up cost to be refunded. Schedule 42-1P also 3 summarizes the energy and demand components of the 4 5 requested revenue requirement. I allocated these 6 amounts to rate class using the appropriate energy and 7 demand allocators as shown on Schedules 42-6P and 42-7P. 8

9

How were the allocation factors calculated for use in 10 ο. the Environmental Cost Recovery Clause? 11 The demand allocation factors used in the ECRC were 12 Α. 13 calculated using the 1997 load data filed with the 14 Commission in accordance with FPSC Rule 25-6.0437. The energy allocation factors were calculated based on 15 16 projected KWH sales for the period adjusted for 17 losses. The calculation of the allocation factors for 18 the period is shown in columns 1 through 9 on 19 Schedule 42-6P.

20

21 Q. How were these factors applied to allocate the 22 requested recovery amount properly to the rate 23 classes?

A. As I described earlier in my testimony, Schedule
42-1P summarizes the energy and demand portions of the

1 total requested revenue requirement. The energy-2 related recoverable revenue requirement of \$7,152,437 3 for the period January 2000 through December 2000 was 4 allocated using the energy allocator, as shown in column 3 on Schedule 42-7P. The demand-related 5 recoverable revenue requirement of \$4,418,401 for the 6 7 period January 2000 through December 2000 was allocated using the demand allocator, as shown in 8 column 4 on Schedule 42-7P. The energy-related and 9 demand-related recoverable revenue requirements are 10 added together to derive the total amount assigned to 11 12 each rate class, as shown in column 5.

13

14 Q. What is the monthly amount related to environmental 15 costs recovered through this factor that will be 16 included on a residential customer's bill for 1,000 17 kwh?

18 A. The environmental costs recovered through the clause
19 from the residential customer who uses 1,000 kwh will
20 be \$1.25 monthly for the period January 2000 through
21 December 2000.

22

Q. When does Gulf propose to collect its environmentalcost recovery charges?

A. The factors will be effective beginning with the first
 Bill Group for January 2000 and continuing through the
 last Bill Group for December 2000.

4

5 0. Should the Commission set minimum filing requirements 6 (MFRs) for utilities upon a petition for approval of 7 recovery of new projects through the ECRC? The request for cost recovery of a new activity 8 Α. 9 through the ECRC should include information showing 10 that the activity meets the statutory criteria for ECRC recovery. This includes a copy of the legal 11 12 requirement being met, a description of the activity and why it was chosen as the best option for 13 14 compliance. This minimum required information should be described in terms of the questions it needs to 15 16 answer, not the form it should take. This recognizes 17 that environmental compliance activities are diverse, and detailed studies such as a cost-benefit analysis 18 may be appropriate for one activity and not for 19 20 another. In summary, any MFRs set by the Commission should address questions to be answered such as what 21 legal requirement is being met and what alternatives, 22 if any, were available. They should not take the 23 24 shape of a prescriptive set of forms to be filled out with data requests that may not be applicable or 25

1 pertinent.

2

Q. Should the Commission require utilities to petition for approval of recovery of new projects through the ECRC prior to the due date for filing projection testimony when the Company becomes aware that a project will be necessary in the upcoming projection period?

9 There should be no requirement that a utility petition Α. prior to the projection filing for approval of a new 10 activity expected in the projection period in order 11 for that project to be allowed for recovery. At the 12 13 time a company becomes aware that a project will be necessary, sufficient data may not yet be available to 14 provide a good estimate of costs and timing of 15 expenditures. However, recognizing the relatively 16 short item period Staff has for analyzing projection 17 filings, it is appropriate to expect utilities to 18 informally (perhaps by letter of transmittal rather 19 than petition) provide information to the Staff about 20 upcoming new projects as soon as reliable details are 21 Between the time this information is provided 22 known. and the time of the projection filing, the utilities 23 should be able to update cost estimates and 24 25 implementation plans if necessary.

Docket No. 990007-EI Page 13 Witness: Susan D. Ritenour

1	Q.	Ms. Ritenour,	does	this	conclude	your	testimony?	
2	Α.	Yes, it does.						
3								
4								
5					,			
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

# **AFFIDAVIT**

STATE OF FLORIDA COUNTY OF ESCAMBIA Docket No. 990007-EI

Before me the undersigned authority, personally appeared Susan 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 the foregoing is true and correct to the best of her knowledge, information, and belief. She is personally known to me.

wan D. Ritenour

Susan D. Ritenour Assistant Secretary and Assistant Treasurer

Sworn to and subscribed before me this <u>30th</u> day of <u>Syntember</u>,

1999.

<u>Aunda C. Lulub</u> Notary Public, State of Florida at Large



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

# Schedule 42-1P

# **Gulf Power Company**

Environmental Cost Recovery Clause (ECRC) Total Jurisdictional Amount to be Recovered

# For the Projected Period January 2000 - December 2000

Lin <u>No</u>	-	Energy (\$)	Demand (\$)	Total (\$)
1	<ul> <li>Total Jurisdictional Rev. Req. for the projected period</li> <li>a Projected O &amp; M Activities (Schedule 42-2P, Lines 7, 8 &amp; 9)</li> <li>b Projected Capital Projects (Schedule 42-3P, Lines 7, 8 &amp; 9)</li> <li>c Total Jurisdictional Rev. Req. for the projected period (Lines 1a + 1b)</li> </ul>	1,397,393 <u>5,863,387</u> 7,260,780	2,077,865 <u>2,404,496</u> 4,482,361	3,475,258 <u>8,267,883</u> 11,743,141
2	True-Up for Estimated Over/(Under) Recovery for the period January 1999 - December 1999 (Schedule 42-2E, Lines 5 + 6 + 10)	193,834	110,076	303,910
3	<ul> <li>Final True-Up for the Periods:</li> <li>a October 1997 - September 1998 (Schedule 1A-1 Line 3)</li> <li>b October 1998 - December 1998 (Schedule 1A-2 Line 3)</li> </ul>	(8,317) <u>35,255</u>	(6,646) <u>29,983</u>	(14,963) <u>65,238</u>
4	Total Jurisdictional Amount to be Recovered/(Refunded) in the projection period January 2000 - December 2000 (Line 1 - Line 2 - Line 3)	7,040,008	<u>4,348,948</u>	<u>11,388,956</u>
5	Total Projected Jurisdictional Amount Adjusted for Taxes (Line 4 x Revenue Tax Multiplier)	<u>7,152,437</u>	<u>4.418,401</u>	<u>11.570.838</u>

Notes:

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

## Schedule 42-2P

# Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

# O & M Activities (in Dollars)

Line		January	February	March	April	May	June	July	August	September	October	November	December	End of Period	Meth <u>Classif</u>	ication
		10130011	T ZALMATI	114101	<u>ubu</u>	11101	<u>A mirê</u>	2017	MUKUM	<u>ochreitiiver</u>		NUVERIDEL	December	<u>12-Month</u>	Demand	Energy
1	Description of O & M Activities															
	.1 Sulfar	875	875	875	875	875	875	875	875	875	875	875	875	10,500		10,500
	.2 Air Emission Fees	0	588,000	0	0	0	0	0	0	123,000	0	0	0	711,000		711,000
	.3 Title V	5,481	5,481	5,481	5,481	5,481	5,481	5,481	5,481	5,481	5,481	5,481	5,476	65,767		65,767
	.4 Asbestos Fees	364	364	364	364	364	364	364	364	364	364	360	1,500	5,500	5,500	,
	.5 Emission Monitoring	25,615	25,615	25,615	25,615	25,615	25,615	25,615	25,615	25,615	25,615	25,615	25,624	307,389		307,389
	.6 General Water Quality	46,918	46,918	46,918	46,918	46,918	46,918	46,918	46,918	46,918	46,918	46,918	46,907	563,005	563,005	
	.7 Groundwater Contamination Investigation	120,472	120,472	120,472	120,472	120,472	120,472	120,472	120,472	120,472	120,472	120,472	120,478	1,445,670	1,445,670	
	.8 State NPDES Administration	34,500	0	7,500	0	0	0	0	0	0	0	0	0	42,000	42,000	
	.9 Lead and Copper Rule	500	500	500	500	500	500	500	500	500	500	500	500	6,000	6,000	
	.10 Env Auditing/Assessment	0	0	0	0	0	0	0	0	23,000	0	0	0	23,000	23,000	
	.11 General Solid & Hazardous Waste	5,703	5,703	5,703	5,703	5,703	5,703	5,703	5,703	5,703	5,703	5,703	5,709	68,442	68,442	
	.12 Above Ground Storage Tanks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	.13 Low Nox	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	.14 Ash Pond Diversion Curtains	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	.15 Mercury Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	.16 Sodium Injection	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,337	100,000		100,000
	.17 Gulf Coast Ozone Study	<u>21.083</u>	<u>21,083</u>	<u>21,083</u>	<u>21.083</u>	<u>21,083</u>	21.083	<u>21.083</u>	<u>21.083</u>	<u>21,083</u>	<u>21.083</u>	<u>21,083</u>	<u>21.087</u>	<u>253,000</u>		<u>253.000</u>
2	Total of O & M Activities	269,844	823,344	242,844	235,344	235,344	235,344	235,344	235,344	381,344	235,344	235,340	236,493	3,601,273	2,153,617	1,447,656
3	Recoverable Costs Allocated to Energy	61,387	649,387	61,387	61,387	61,387	61,387	61,387	61,387	184,387	61.387	61,387	61,399	1,447,656		
4	Recoverable Costs Allocated to Demand	208,457	173,957	181,457	173,957	173,957	173,957	173,957	173,957	196,957	173,957	173,953	175,094	2,153,617		
		-				•		· · · · ·			,			-,,		
5	Retail Energy Jurisdictional Factor	0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837			
6	Retail Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271			
7	Jurisdictional Energy Recoverable Costs (A)	59,351	626,038	59,238	59,227	59,437	59,490	59,373	59,372	178,273	59,156	59,131	59,307	1,397,393		
8	Jurisdictional Demand Recoverable Costs (B)	<u>201.125</u>	<u>167,838</u>	175,075	<u>167,838</u>	<u>167.838</u>	167,838	<u>167.838</u>	167.838	<u>190,029</u>	<u>167.838</u>	<u>167,835</u>	<u> 168,935</u>	<u>2.077.865</u>		
9	Total Jurisdictional Recoverable Costs for O & M Activities (Lines 7 + 8)	260.476	793.876	234.313	<u>227.065</u>	227.275	227.328	227.211	227.210	368.302	226.994	226.966	228.242	3.475.258		
	······································		<u> <u> </u></u>			<u> a contra</u>		an the state of th			<u>660.7/7</u>	440.700	440.414	2.7/2.20		

Notes:

 $(\nabla)$ 

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

(B) Line 4 x Line 6

Schedule 42-3P

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

# Capital Investment Projects - Recoverable Costs (in Dollars)

														End of Period		hod of fication
Lin	ç	Jan	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	Jul	Aug	<u>Sept</u>	Oct	Nov	Dec	Total	Demand	Energy
I	Description of Investment Projects (A)															
	1 Air Quality Assurance Testing	3,139	3,113	3,088	3.062	3,038	3.011	2,987	2.961	2,936	2.910	2,886	2,859	35,990	0	35.990
	2 Crist 5, 6 & 7 Precipitator Projects	252,494	251,734	250,976	250,218	249,459	248,700	247.941	247,183	246,424	245.665	244,907	244,148	2,979,849	0	2,979,849
	.3 Crist 7 Flue Gas Conditioning	21,931	21,871	21,813	21,754	21,695	21,636	21,578	21.518	21.460	21,401	21,342	21.283	259,282	0	259.282
	.4 Low Nox Burners, Crist 6 & 7	167,637	167,213	166,790	166,367	165,943	165,520	165.097	164,673	164,250	163.827	163,403	162,980	1,983,700	Ő	1,983,700
	.5 CEMs- Crist 1,4-7, Scholz 1, Smith 1&2, Daniel	52,580	53,134	53,694	54,350	55,098	55,032	55,116	54,997	54,879	54,761	54.644	54,526	652,811	ŏ	652,811
	.6 Sub. Contam. Mobile Groundwater Treat, Sys.	4,049	4,040	4,031	4,022	4,013	4,003	3,994	3,985	3,976	3,967	3,958	3,948	47,986	44,295	3.691
	.7 Crist Cooling Tower Cell	9,198	9,172	9,147	9,122	9,096	9,071	9,046	9,020	8,995	8,970	8,944	8,919	108,700	100,336	8,364
	.8 Crist 1-5 Dechlorination	3,199	3,191	3,184	3,175	3,167	3,160	3,151	3,144	3,136	3,127	3,120	3,112	37,866	34,954	2,912
	.9 Crist Diesel Fuel Oil Remediation	496	496	494	493	492	490	489	488	487	486	484	483	5,878	5.426	452
	.10 Crist Bulk Tanker Unload Sec Contain Strue	1,063	1,062	1,059	1,056	1,053	1,051	1.048	1,045	1,043	1,041	1.038	1,035	12.594	11.625	969
	.11 Crist IWW Sampling System	621	620	618	617	615	614	612	611	609	608	606	605	7.356	6,789	567
	12 Smith Sodium Injection System	914	911	910	908	907	904	902	901	899	896	895	893	10,840	0	10,840
	13 Smith Stormwater Collection System	29,053	28,986	28,920	28,855	28,788	28,722	28,656	28,590	28,524	28,457	28,391	28,326	344,268	317.786	26.482
	.14 Smith Waste Water Treatment Facility	1,781	1,777	1,772	1,768	1,764	1,760	1,756	1,751	1,747	1,744	1,739	1,735	21,094	19,472	1,622
	.15 Daniel Ash Management Project	170,600	170,288	169,977	169,666	169,354	169,043	168,731	168,420	168,109	167,797	167,486	167,175	2,026,646	1.870.752	155,894
	.16 Underground Fuel Tank Replacement	7,528	7,484	7,440	7,396	7,354	7,308	7,266	7,220	7,178	7,133	7,090	7,046	87,443	80,717	6,726
	.17 SO2 Allowances	<u>(4,933)</u>	<u>(5,148)</u>	<u>(5,179)</u>	<u>(5,086)</u>	<u>(5.008)</u>	<u>(4,892)</u>	<u>(4,878)</u>	<u>(4,859)</u>	<u>(5.036)</u>	<u>(5.170)</u>	(5,140)	<u>(5,115)</u>	(60,444)	Q	(60.444)
2	Total Investment Projects - Recoverable Costs	721,350	719,944	718,734	717,743	716,828	715,133	713,492	711,648	709,616	707,620	705,793	703,958	8,561,859	2,492,152	6,069,707
3	Recoverable Costs Allocated to Energy	511,269	510,300	509,526	508,970	508,494	507,235	506.031	504.626	503,026	501,469	500,080	498,681	6,069,707		
4	Recoverable Costs Allocated to Demand	210,081	209,644	209,208	208,773	208,334	207,898	207.461	207,022	206,590	206,151	205,713	205,277	2,492,152		
						-							200,217	-, ., ., .,		
5	Retail Energy Jurisdictional Factor	0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837			
6	Retail Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271			
7	Jurisdictional Energy Recoverable Costs (A)	494,309	491,952	491.692	491.062	492,342	491.558	489,432	488,058	486.347	483,240	481,702	481,693	6 963 307		
8	Jurisdictional Demand Recoverable Costs (B)	202.692	202.270	201.850	201.430	201.006	200.586	200,164	199,740	199,324	483,240 198,900	198.477		5,863,387		
			<u> </u>		***** <u>*</u>	<u></u>	EXXIVYY	200,104	172.(19	177,324	120,200	<u>120.4//</u>	<u>198.057</u>	2,404,496		
9	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	<u>697.001</u>	<u>694.222</u>	<u>693.542</u>	<u>692.492</u>	<u>693.348</u>	<u>692.144</u>	<u>689.596</u>	<u>687.798</u>	<u>685.671</u>	<u>682.140</u>	<u>680.179</u>	<u>679.750</u>	<u>8.267.883</u>		

Notes:

:0

(A) Each project's Total System Recoverable Expenses on Schedule 42-4P, Line 9
 (B) Line 3 x Line 5 x 1.0014 line loss multiplier

Schedule 42-4P Page 1 of 17

# <u>Guif Power Company</u> Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Air Quality Assurance Testing

- P	.е.	1000	
fir	D	ollare`	١

						(in Dol	lars)								
	0	eginning of Period													End of Period
Lin 1	2 <u>Description</u> <u>A</u> Investments	Amount	<u>Jan</u>	Feb	<u>Mar</u>	Apr	<u>May</u>	Lun	<u>1u1</u>	Aug	Sept	<u>Oc</u>	Nov	Dec	Amount
	a Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	۵	0	0	
	b Clearings to Plant	0	0	0	0	0	ō	Ő	õ	Ő	ő	0	0	0	
	c Retirements	0	0	0	0	0	0	0	ō	Ő	õ	ů	ů N	0	
	d Cost of Removal	0	0	0	0	0	0	0	0	0	Ő	õ	ő	0	
	e Salvage												-	Ū	
2		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	
5		(204,957)	(207,804)	(210,650)	(213,497)	(216,343)	(219,190)	(222,036)	(224,883)	(227,729)	(230,576)	(233,422)	(236,269)	(239,115)	
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)	34,158	31,311	28,465	25,618	22,772	19,925	17,079	14,232	11,386	8,539	5,693	2,846	0	
6	Average Net Investment		32,735	29,888	27,042	24,195	21,349	18,502	15,656	12,809	9,963	7,116	4.270	1,423	
7	Return on Average Net Investment												.,	.,	
	a Equity Component Grossed Up For Taxes (C)		196	179	162	145	128	111	94	77	60	43	26	9	1,230
	b Debt Component (Line 6 x 3.5137% x 1/12)		96	88	79	71	63	54	46	38	29	21	13	4	602
8	Investment Expenses														
	a Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Amortization		2,847	2,846	2,847	2,846	2,847	2,846	2,847	2,846	2,847	2,846	2.847	2,846	34,158
	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	
	e Other (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
9			3,139	3,113	3,088	3,062	3,038	3,011	2,987	2,961	2.936	2,910	2.886	2,859	35,990
	a Recoverable Costs Allocated to Energy		3,139	3,113	3,088	3,062	3,038	3,011	2,987	2,961	2,936	2,910	2,886	2,859	35,990
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	-,,0	0
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	•
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9619027	0.9643837	
12	Retail Energy-Related Recoverable Costs (E)		3.035												
12			3,035	3,001	2,980	2,954	2,942	2,918	2,889	2,864	2,839	2,804	2,780	2,762	34,768
	Total Juris. Recoverable Costs (Lines 12 + 13)		3.035	3,001	2,980	2,954	2.042		0	0	0	0	0	0	0
	Contractor Costs (Laics 12 + 15)	-		3,001	2,960	2,904	2,942	2,918	2,889	2,864	2,839	2,804	2,780	2,762	34,768

Notes:

4

(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

Schedule 42-4P Page 2 of 17

# Gulf Power Company

# Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

# Return on Capital Investments, Depreciation and Taxes For Project: Crist 5, 6 & 7 Precipitator Projects

P.E.s 1119, 1216, 1243 (in Dollars)

						(in D	ollars)								
		Beginning of Period													End of Period
Ling	2 Description	<u>Amount</u>	lan	Feb	<u>Mar</u>	Apr	<u>May</u>	<u>Jun</u>	<u>lul</u>	Aug	Sept	Qct	Nov	Dec	Amount
•	a Expenditures/Additions		0	0	0	0	0	0	0	0	Û	0	0	n	
	b Clearings to Plant		0	0	Ō	Ō	Ō	õ	ŏ	Ő	õ	õ	ő	ő	
	c Retirements		0	0	0	0	0	0	0	0	0	0	Õ	ŏ	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
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)	(5,612,419)	(5,697,606)	(5,782,793)	(5,867,980)	(5,953,167)	(6,038,354)	(6,123,541)	(6,208,728)	(6,293,915)	(6,379,102)	(6,464,289)	(6,549,476)	(6,634,663)	
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)	18,828,406	18,743,219	18,658,032	18,572,845	18,487,658	18,402,471	18,317,284	18,232,097	18,146,910	18,061,723	17,976,536	17,891,349	17,806,162	
6	Average Net Investment		18,785,813	18,700,626	18.615.439	18,530,252	18,445,065	18.359.878	18,274,691	18,189,504	18,104,317	18.019.130	17.933.943	17,848,756	
7	Return on Average Net Investment					• • •				10,100,000	10,101,010	10,017,150	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	17,040,790	
	a Equity Component Grossed Up For Taxes (C)		112,302	111,792	111,283	110,774	110,265	109,755	109,246	108,737	108,228	107,718	107,209	106,700	1,314,009
	b Debt Component (Line 6 x 3.5137% x 1/12)		55,005	54,755	54,506	54,257	54,007	53,758	53,508	53,259	53,009	52,760	52,511	52,261	643,596
8	Investment Expenses														
	a Depreciation		71,294	71,294	71,294	71,294	71,294	71,294	71,294	71,294	71,294	71,294	71,294	71,294	855,528
	b Amortization		0	0	0	0	0	0	0	. 0	0	0	0	0	0
	c Dismantlement		13,893	13,893	13,893	13,893	13,893	13,893	13,893	13,893	13,893	13,893	13,893	13,893	166,716
	d Property Taxes		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	0
9	Total System Recoverable Expenses (Lines 7 + 8)		252,494	251,734	250,976	250,218	249,459	248,700	247,941	247,183	246.424	245.665	244,907	244,148	2.979.849
	a Recoverable Costs Allocated to Energy		252,494	251,734	250,976	250,218	249,459	248,700	247,941	247,183	246,424	245,665	244,907	244,148	2,979,849
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		244,118	242,683	242,192	241,414	241,535	241,013	239,808	239,068	238,253	236,735	235,907	235.831	2,878,557
13	Retail Demand-Related Recoverable Costs (F)	_	0	0	0	0	0	0	0	0	0	0	200,701	0	_,0.0,007
14	Total Juris, Recoverable Costs (Lines 12 + 13)		244,118	242,683	242,192	241,414	241,535	241,013	239,808	239,068	238,253	236,735	235,907	235,831	2,878,557
		-													

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

Schedule 42-4P Page 3 of 17

### Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Crist 7 Flue Gas Conditioning

P.E. 1228 (in Dollars)

						(in De	ollars)								
		Beginning of Period													End of Period
Lio. 1	<u>Description</u>	Amount	January	February	March	<u>April</u>	<u>May</u>	June	July	August	September	October	November	December	Amount
	a Expenditures/Additions b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements		U	0	U	U	U	U	0	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	U	0	U	0	0	0	0	
			v	0	U	Ū	U	U	0	U	U	0	0	0	
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)	(455,378)	(461,985)	(468,592)	(475,199)	(481,806)	(488,413)	(495,020)	(501,627)	(508,234)	(514,841)	(521,448)	(528,055)	(534,662)	
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)	1,723,867	1,717,260	1,710,653	1,704,046	1,697,439	1,690,832	1,684,225	1,677,618	1,671,011	1,664,404	1,657,797	1,651,190	1,644,583	
6 7	Average Net Investment Return on Average Net Investment		1,720,564	1,713,957	1,707,350	1,700,743	1,694,136	1,687,529	1,680,922	1,674,315	1,667,708	1,661,101	1,654,494	1,647,887	
'	a Equity Component Grossed Up For Taxes (C)		10,286	10,246	10,207	10,167	10,128	10,088	10,049	10,009	9,970	9,930	9,891	0.001	120.022
	b Debt Component (Line 6 x 3.5137% x 1/12)		5,038	5,018	4,999	4,980	4,960	4,941	4,922	4,902	4,883	4,864	4,844	9,851 4,825	120,822 59,176
8	Investment Expenses		-,	-,	-,		1,700	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,722	4,702	4,000	4,004	4,044	4,023	39,170
U	a Depreciation		6,357	6,357	6.357	6.357	6,357	6,357	6,357	6,357	6,357	6,357	6,357	( 267	76 294
	b Amortization		0,557	0	0	0,557	0,557	0,557	0,557	0,557	0,557	0,337	0,357	6,357 0	76,284
	c Dismantlement		250	250	250	250	250	250	250	250	250	250	250	250	3,000
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	-50	2.50	3,000
	e Other (D)		0	0	0	0	0	0	0	0	0	0	Ō	ŏ	0
9			21,931	21,871	21,813	21,754	21,695	21,636	21,578	21,518	21,460	21,401	21,342	21,283	259,282
	<ul> <li>Recoverable Costs Allocated to Energy</li> </ul>		21,931	21,871	21,813	21,754	21,695	21,636	21,578	21,518	21,460	21,401	21,342	21,283	259,282
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		21,204	21,085	21,050	20,989	21,006	20,967	20,870	20,812	20,748	20,623	20,558	20,558	250,470
13			0	0	0	0	0	0	0	0	0	0	20,000	20,000	230,470
14	Total Juris. Recoverable Costs (Lines 12 + 13)		21,204	21,085	21,050	20,989	21,006	20,967	20,870	20,812	20,748	20,623	20,558	20,558	250,470

ဘ

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

Schedule 42-4P Page 4 of 17

### Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes For Project: Low Nox Burners, Crist 6 & 7

P.E.s 1236 & 1242

	17.20	<i>, a</i>	140
(ii	ı Do	llar	s)

		н. Стала стала ста Стала стала ста	Beginning of Period				(11 2)									End of Period
	<u>Line</u>	Description	Amount	January	February	March	April	May	June	July	August	September	October	November	December	Amount
	1 1	nvestments				0		•								
	a L	Expenditures/Additions Clearings to Plant		0	U	0	0	0	0	U	0	0	0	0	0	
	0	Retirements		0	0	0	0	0	0	U O	U O	0	0	0	0	
	a	Cost of Removal		0	0	0	0	0	0	0	0	0	0	U	0	
				v	•	U	0	v	0	U	v	U	0	U	U	
		Plant-in-Service/Depreciation Base	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	16,296,360	16,296,360	16,296,360	16,296,360	
		ess: Accumulated Depreciation (B)	(2,787,203)	(2,834,739)	(2,882,275)	(2,929,811)	(2,977,347)	(3,024,883)	(3,072,419)	(3,119,955)	(3,167,491)	(3,215,027)	(3,262,563)	(3,310,099)	(3,357,635)	
		WIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2 1	Vet Investment (Lines 2 - 3 + 4)	13,509,157	13,461,621	13,414,085	13,366,549	13,319,013	13,271,477	13,223,941	13,176,405	13,128,869	13,081,333	13,033,797	12,986,261	12,938,725	
	6 A	Average Net Investment		13,485,389	13,437,853	13,390,317	13,342,781	13,295,245	13,247,709	13,200,173	13,152,637	13,105,101	13,057,565	13,010,029	12,962,493	
	7 R	Return on Average Net Investment														
		Equity Component Grossed Up For Taxes (C)		80,616	80,331	80,047	79,763	79,479	79,195	78,911	78,626	78,342	78,058	77,774	77,490	948,632
	b	Debt Component (Line 6 x 3.5137% x 1/12)		39,485	39,346	39,207	39,068	38,928	38,789	38,650	38,511	38,372	38,233	38,093	37,954	464,636
	8 In	nvestment Expenses														
	а	Depreciation		47,536	47,536	47,536	47,536	47,536	47,536	47,536	47,536	47,536	47,536	47,536	47,536	570,432
	ь	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	-	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
		Property Taxes		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	0
1		otal System Recoverable Expenses (Lines 7 + 8)		167,637	167,213	166,790	166,367	165,943	165,520	165,097	164,673	164,250	163,827	163,403	162,980	1,983,700
		Recoverable Costs Allocated to Energy		167,637	167,213	166,790	166,367	165,943	165,520	165,097	164,673	164,250	163,827	163,403	162,980	1,983,700
	Ь	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
	10 E	inergy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
	11 E	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
	12 R	letail Energy-Related Recoverable Costs (E)		162,076	161,201	160,952	160.513	160.672	160,404	159.681	159,267	158,804	157,872	157.398	157,428	1,916,268
	13 R	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
	14 T	otal Juris. Recoverable Costs (Lines 12 + 13)	-	162,076	161,201	160,952	160,513	160,672	160,404	159,681	159,267	158,804	157,872	157.398	157,428	1,916,268

Notes:

1

(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

Schedule 42-4P Page 5 of 17

# Gulf Power Company

# Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

#### 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, 1441, 1442, 1459, 1460, 1558 (in Dollars)

(m	DOI	lars

	<b>P</b> (4)	Beginning of Period	_												End of Period
Line	Description	Amount	January	February	March	April	May	June	July	August	September	October	November	December 1	Amount
	a Expenditures/Additions		n	150,000	0	150,000	۵	0	0	0	0	0	0	0	
	b Clearings to Plant		ñ	150,000	150,000	150,000	150,000	0	ň	ő	0	0	0	0	
	c Retirements		Ő	õ	38,798	0	54,112	ů	0	0	0	0	0	0	
	d Cost of Removal		0	õ	1,100	1,100	0	ŏ	ŏ	õ	0	0	0	0	
	e Salvage		0	0	0	1,200	1,200	Ō	ō	ō	ŏ	õ	ŏ	ŏ	
2	Plant-in-Service/Depreciation Base	4,880,153	4,880,153	4,880,153	4,991,355	4,991,355	5,087,243	5,087,243	5,087,243	5,087,243	5,087,243	5,087,243	5,087,243	5,087,243	
3	Less: Accumulated Depreciation (B)	(572,265)	(584,954)	(597,643)	(570,434)	(583,320)	(543,394)	(556,436)	(569,678)	(582,920)	(596,162)	(609,404)	(622,646)	(635,888)	
4	CWIP - Non Interest Bearing	0	0	150,000	0	150,000	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	4,307,888	4,295,199	4,432,510	4,420,921	4,558,035	4,543,849	4,530,807	4,517,565	4,504,323	4,491,081	4,477,839	4,464,597	4,451,355	
6	Average Net Investment		4,301,544	4,363,855	4,426,716	4,489,478	4,550,942	4,537,328	4,524,186	4,510,944	4,497,702	4,484,460	4,471,218	4,457,976	
	Return on Average Net Investment		36 716	26 087	26.462	26.020									
	<ul> <li>a Equity Component Grossed Up For Taxes (C)</li> <li>b Debt Component (Line 6 x 3.5137% x 1/12)</li> </ul>		25,715 12,595	26,087 12,777	26,463 12,961	26,838 13,145	27,206	27,124	27,046	26,966	26,887	26,808	26,729	26,650	320,519
			12,393	12,777	12,901	15,145	13,325	13,285	13,247	13,208	13,169	13,130	13,092	13,053	156,987
8	Investment Expenses		10 (00			10 004									
	a Depreciation b Amortization		12,689	12,689	12,689	12,786	12,986	13,042	13,242	13,242	13,242	13,242	13,242	13,242	156,333
	b Amortization c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d Property Taxes		1,581	1.581	1,581	1,581	1.581	1,581	1,581	0 1,581	0	0	0	0	0
	e Other (D)		1,581	1,561	1,581	1,581	1,201 0	1,561	1,56,1	1,281	1,581	1,581	1,581	1,581	0
•		-							v						<u> </u>
9	Total System Recoverable Expenses (Lines 7 + 8)		52,580	53,134	53,694	54,350	55,098	55,032	55,116	54,997	54,879	54,761	54,644	54,526	652,811
	a Recoverable Costs Allocated to Energy b Recoverable Costs Allocated to Demand		52,580	53,134	53,694	54,350	55,098	55,032	55,116	54,997	54,879	54,761	54,644	54,526	652,811
	b Recoverable Cosis Allocated to Demand		Ų	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		50,836	51,224	51,815	52,438	53,348	53,331	53,308	53,191	53,059	52,770	52,636	52,669	630,625
13	Retail Demand-Related Recoverable Costs (F)	-	0	0	0	. 0	0	0	0	0	0	0	0	0	0
14	Total Juris. Recoverable Costs (Lines 12 + 13)		50,836	\$1,224	51,815	52,438	53,348	53,331	53,308	53,191	53,059	52,770	52,636	52,669	630,625

Notes:

ίQ.

(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

Schedule 42–4P Page 6 of 17

### Gulf Power Company Environmental Cost Recovery Clause (ECRC)

# Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes For Project: Sub. Contam, Mobile Groundwater Treat, Sys.

P.E. 1007 & 3400

(in Dollars)

	(m Dollars)														
		Beginning of Period													End of Period
Line	: <u>Description</u> Investments	Amount	January	February	<u>March</u>	<u>April</u>	May	June	<u>July</u>	<u>August</u>	September	October	November	December	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	Ō	Ō	ō	õ	ŏ	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369.649	369.649	
3	Less: Accumulated Depreciation (B)	(30,177)	(31,208)	(32,239)	(33,270)	(34,301)	(35,332)	(36,363)	(37,394)	(38,425)	(39,456)	(40,487)	(41,518)	(42,549)	
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)	339,472	338,441	337,410	336,379	335,348	334,317	333,286	332,255	331,224	330,193	329,162	328,131	327,100	
6	Average Net Investment		338,957	337,926	336,895	335,864	334,833	333,802	332,771	331,740	330,709	329,678	328,647	327,616	
7	Return on Average Net Investment					-	-			,			,	,	
	a Equity Component Grossed Up For Taxes (C)		2,026	2,020	2,014	2,008	2,002	1,995	1,989	1,983	1,977	1,971	1,965	1,958	23,908
	b Debt Component (Line 6 x 3.5137% x 1/12)		992	989	986	983	980	977	974	971	968	965	962	959	11,706
8	Investment Expenses														
	a Depreciation		896	896	896	896	896	896	896	896	896	896	896	896	10,752
	b Amortization		135	135	135	135	135	135	135	135	135	135	135	135	1,620
	c Dismantlement 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	
•	• /	-						U	<u> </u>	<u> </u>	<u> </u>	U	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Energy		4,049 311	4,040 311	4,031 310	4,022 309	4,013	4,003	3,994	3,985	3,976	3,967	3,958	3,948	47,986
	b Recoverable Costs Allocated to Demand		3,738	3,729	3.721	3,713	309	308	307	307	306	305	304	304	3,691
						-	3,704	3,695	3,687	3,678	3,670	3,662	3,654	3,644	44,295
10			0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
	Retail Energy-Related Recoverable Costs (E)		301	300	299	298	299	298	297	297	296	294	293	294	3,566
13		_			3,590	3,582	3,574	3,565	3,557	3,549	3,541	3,533	3,525	3,516	42,737
14	Total Juris. Recoverable Costs (Lines 12 + 13)	-	3,908	3,898	3,889	3,880	3,873	3,863	3,854	3,846	3,837	3,827	3,818	3,810	46,303
	Retail Demand-Related Recoverable Costs (F)	-	301 3,607 3,908	300 3,598 3,898				-	3,557	3,549	3,541	3,533	3,525	3,516	42,737

Notes:

:0

(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

Schedule 42-4P Page 7 of 17

# Guif Power Company

#### Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Crist Cooling Tower Cell

P.1	E. I.	232
(in	Dol	lars)

	(th Donars)														
		Beginning of Period													End of Period
Lin	e <u>Description</u> Investments	Amount	<u>January</u>	February	March	<u>April</u>	<u>May</u>	June	<u>July</u>	August	September	October	November	December	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 Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		U	U	U	U	U	U	U	0	U	Ų	U	U	
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)	(191,879)	(194,724)	(197,569)	(200,414)	(203,259)	(206,104)	(208,949)	(211,794)	(214,639)	(217,484)	(220,329)	(223,174)	(226,019)	
4	CWIP - Non Interest Bearing Net Investment (Lines 2 - 3 + 4)	714,780	711,935	709.090	706,245	703,400	700,555	697,710	0 694,865	692,020	<u> </u>	686,330	683,485	680,640	
	· · · ·	/14,/00	1												
6	Average Net Investment Return on Average Net Investment		713,358	710,513	707,668	704,823	701,978	699,133	696,288	693,443	690,598	687,753	684,908	682,063	
'	a Equity Component Grossed Up For Taxes (C)		4,264	4,247	4,230	4,213	4,196	4,179	4,162	4,145	4,128	4,111	4,094	4,077	50,046
	b Debt Component (Line 6 x 3.5137% x 1/12)		2,089	2,080	2,072	2,064	2,055	2,047	2,039	2,030	2,022	2,014	2,005	1,997	24,514
8	Investment Expenses														
	a Depreciation		2,645	2,645	2,645	2,645	2,645	2,645	2,645	2,645	2,645	2,645	2,645	2,645	31,740
	b Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Dismantlement		200	200	200	200	200	200	200	200	200	200	200	200	2,400
	d Property Taxes e Other (D)		0	0	0	0	U A	U O	0	0	0	0	0	0	٥
9		-	9,198	9,172	9,147	9,122	9.096	9.071	9.046	9.020	8,995	8,970	8,944	8,919	108,700
,	a Recoverable Costs Allocated to Energy		708	706	704	702	700	698	696	5,020	692	690	688	686	8,364
	b Recoverable Costs Allocated to Demand		8,490	8,466	8,443	8,420	8,396	8,373	8,350	8,326	8,303	8,280	8,256	8,233	100,336
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
11			0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		685	681	679	677	678	676	673	671	669	665	663	663	8,080
13	Retail Demand-Related Recoverable Costs (F)		8,191	8,168	8,146	8,124	8,101	8,078	8,056	8,033	8,011	7,989	7,966	7,943	96,806
14	Total Juris. Recoverable Costs (Lines 12 + 13)		8,876	8,849	8,825	8,801	8,779	8,754	8,729	8,704	8,680	8,654	8,629	8,606	104,886

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

Schedule 42-4P Page 8 of 17

# Gulf Power Company

#### Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Crist 1-5 Dechlorination

	÷.,	147	
(in	Do	ollar	s)

		Beginning of Period													End of Period
Line 1	2 <u>Description</u> Investments	Amount	<u>January</u>	February	March	April	<u>May</u>	June	<u>July</u>	August	September	October	November	December	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	Ō	0	Ő	Ő	0	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
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)	(45,712)	(46,603)	(47,494)	(48,385)	(49,276)	(50,167)	(51,058)	(51,949)	(52,840)	(53,731)	(54,622)	(55,513)	(56,404)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	259,611	258,720	257,829	256,938	256,047	255,156	254,265	253,374	252,483	251,592	250,701	249,810	248,919	
6	Average Net Investment		259,166	258,275	257,384	256,493	255,602	254,711	253,820	252,929	252,038	251,147	250,256	249,365	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (C)		1,549	1,544	1,539	1,533	1,528	1,523	1,517	1,512	1,507	1,501	1,496	1,491	18,240
	b Debt Component (Line 6 x 3.5137% x 1/12)		759	756	754	751	748	746	743	741	738	735	733	730	8,934
8	Investment Expenses														
	a Depreciation		891	891	891	891	891	891	891	891	891	891	891	891	10,692
	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	
	e Other (D)	-	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		3,199	3,191	3,184	3,175	3,167	3,160	3,151	3,144	3,136	3,127	3,120	3,112	37,866
	a Recoverable Costs Allocated to Energy		246	245	245	244	244	243	242	- 242	241	241	240	239	2,912
	b Recoverable Costs Allocated to Demand		2,953	2,946	2,939	2,931	2,923	2,917	2,909	2,902	2,895	2,886	2,880	2,873	34,954
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		238	236	236	235	236	235	234	234	233	232	231	231	2,811
13	Retail Demand-Related Recoverable Costs (F)	_	2,849	2,842	2,836	2,828	2,820	2,814	2,807	2,800	2,793	2,784	2,779	2,772	33,724
14	Total Juris. Recoverable Costs (Lines 12 + 13)	_	3,087	3,078	3,072	3,063	3,056	3,049	3,041	3,034	3,026	3,016	3,010	3,003	36,535

Notes:

**يەر** 

(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

Schedule 42-4P Page 9 of 17

# Gulf Power Company

#### Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Crist Diesel Fuel Oil Remediation P.E, 1270

P.1	5, L	270
(in	Dol	lars)

Beginning of Period	End of Period Amount
	Amount
Line Description Amount January February March April May June July August September October November December	
I Investments	
a Expenditures/Additions 0 0 0 0 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 0 0 0 0 0 0 0	
c Retirements 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
d Cost of Removal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
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	
3 Less: Accumulated Depreciation (B) (7,836) (7,976) (8,116) (8,256) (8,396) (8,536) (8,676) (8,816) (8,956) (9,096) (9,236) (9,376) (9,516)	
4 CWIP - Non Interest Bearing 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
5 Net Investment (Lines 2 - 3 + 4) 40,119 39,979 39,839 39,699 39,559 39,419 39,279 39,139 38,999 38,859 38,719 38,579 38,439	
6 Average Net Investment 40,049 39,909 39,769 39,629 39,489 39,349 39,209 39,069 38,929 38,789 38,649 38,509	
7 Return on Average Net Investment	
a Equity Component Grossed Up For Taxes (C) 239 239 238 237 236 235 234 234 233 232 231 230	2,818
b Debt Component (Line 6 x 3.5137% x 1/12) 117 116 116 116 116 115 115 114 114 114 113 113	1,380
8 Investment Expenses	-,
a Depreciation 140 140 140 140 140 140 140 140 140 140	1,680
b Amontization 0 0 0 0 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 0 0 0	ō
d Property Taxes 0 0 0 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 0 0 0 0 0 0 0	0
9 Total System Recoverable Expenses (Lines 7 + 8) 496 496 494 493 492 490 489 488 487 486 484 483	5.878
a Recoverable Costs Allocated to Emergy 38 38 38 38 38 38 38 38 38 38 38 38 37 37 37 37 37	452
b Recoverable Costs Allocated to Demand 458 458 456 455 454 452 451 450 450 449 447 446	5.426
10 Energy Jurisdictional Factor 0.9654767 0.9626967 0.9636507 0.9634666 0.9668827 0.9677380 0.9658454 0.9658165 0.9654917 0.9623018 0.9619027 0.9645837	
Choncert	
12         Retail Energy-Related Recoverable Costs (E)         37         37         37         37         37         37         37         37         36         36         36         36	440
13         Retail Demand-Related Recoverable Costs (F)         442         440         439         438         436         435         434         433         431         430	5,234
14 Total Juris. Recoverable Costs (Lines 12 + 13) 479 479 477 476 475 473 472 471 470 469 467 466	5,674

Notes:

3 ----N

(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

Schedule 42-4P Page 10 of 17

### Gulf Power Company

# Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes For Project: Crist Bulk Tanker Unload Sec Contain Struc

P.E. 1271 (in Dollars)

	(in Dollars)														
		Beginning of Period						_							End of Period
Lin 1	<u>e Description</u> Investments	<u>Amount</u>	<u>January</u>	February	March	April	May	lune	July	<u>August</u>	September	October	November	December	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 Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
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)	(15,125)	(15,421)	(15,717)	(16,013)	(16,309)	(16,605)	(16,901)	(17,197)	(17,493)	(17,789)	(18,085)	(18,381)	(18,677)	
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)	86,370	86,074	85,778	85,482	85,186	84,890	84,594	84,298	84,002	83,706	83,410	83,114	82,818	
6 7	Average Net Investment Return on Average Net Investment		86,222	85,926	85,630	85,334	85,038	84,742	84,446	84,150	83,854	83,558	83,262	82,966	
	a Equity Component Grossed Up For Taxes (C)		515	514	512	510	508	507	505	503	501	500	498	496	6,069
	b Debt Component (Line 6 x 3.5137% x 1/12)		252	252	251	250	249	248	247	246	246	245	244	243	2,973
8	Investment Expenses														
	a Depreciation		296	296	296	296	296	296	296	296	296	296	296	296	3,552
	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	
	e Other (D)		0	0	0	0	0	0	0	<u>0</u>	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,063	1,062	1,059	1,056	1,053	1,051	1,048	1,045	1,043	1,041	1,038	1,035	12,594
	a Recoverable Costs Allocated to Energy		82	82	81	81	81	81	81	80	80	80	80	80	969
	b Recoverable Costs Allocated to Demand		981	980	978	975	972	970	967	965	963	961	958	955	11,625
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
п	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		79	79	78	78	78	78	78	77	77	77	77	77	933
13	Retail Demand-Related Recoverable Costs (F)		946	946	944	941	938	936	933	931	929	927	924	921	11,216
14	Total Juris. Recoverable Costs (Lines 12 + 13)	,	1,025	1,025	1,022	1,019	1,016	1,014	1,011	1,008	1,006	1,004	1,001	998	12,149

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

Schedule 42–4P Page 11 of 17

Gulf Power Company

### Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Crist IWW Sampling System

۲.	E.,	12	15	
(in	D	olla	ars)	

	(in Dollars)														
		Beginning of Period													End of Period
Lin		Amount	January	February	March 187	<u>April</u>	<u>May</u>	June	July	<u>August</u>	September	October	November	December	Amount
	Investments a Expenditures/Additions		0	0	0	0	0	0	0	0	0	Û	۵	n	
	b Clearings to Plant		Ō	0	0	õ	Ő	0	Ő	Ő	ŏ	ő	ů	Ő	
	c Retirements		Ō	Ō	ŏ	õ	õ	õ	ŏ	Ő	ŏ	ő	ů N	Ő	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	Ő	Ő	Ő	
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)	(9,196)	(9,370)	(9,544)	(9,718)	(9,892)	(10,066)	(10,240)	(10,414)	(10,588)	(10,762)	(10,936)	(11,110)	(11,284)	
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)	50,347	50,173	49,999	49,825	49,651	49,477	49,303	49,129	48,955	48,781	48,607	48,433	48,259	
6 7	Average Net Investment Return on Average Net Investment		50,260	50,086	49,912	49,738	49,564	49,390	49,216	49,042	48,868	48,694	48,520	48,346	
	a Equity Component Grossed Up For Taxes (C)		300	299	298	297	296	295	294	293	292	291	290	289	3,534
	b Debt Component (Line 6 x 3.5137% x 1/12)		147	147	146	146	145	145	144	144	143	143	142	142	1,734
8	Investment Expenses														
	a Depreciation		174	174	174	174	174	174	174	174	174	174	174	174	2,088
	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	
	e Other (D)	-	0		0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		621	620	618	617	615	614	612	611	609	608	606	605	7,356
	a Recoverable Costs Allocated to Energy		48	48	48	47	47	47	47	47	47	47	47	47	567
	b Recoverable Costs Allocated to Demand		573	572	570	570	568	567	565	564	562	561	559	558	6,789
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
0	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		46	46	46	45	46	46	45	45	45	45	45	45	545
13	Retail Demand-Related Recoverable Costs (F)	_	553	552	550	550	548	547	545	544	542	541	539	538	6,549
14	Total Juris. Recoverable Costs (Lines 12 + 13)		599	598	596	595	594	593	590	589	587	586	584	583	7,094

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

Schedule 42-4P Page 12 of 17

Gulf Power Company

# Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Smith Sodium Injection System P.E. 1413

2.	1413
íin	Dollars)

	(in Dollars)														
		Beginning of Period													End of Period
<u>Line</u>	: <u>Description</u> Investments	<u>Amount</u>	January	February	March	<u>April</u>	<u>May</u>	June	July	August	September	October	November	December	<u>Amount</u>
-	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 Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	79,114	79,114	79,114	79,114	79,114	79,114	79,114	79,114	79,114	79,114	79,114	79,114	79,114	
3	Less: Accumulated Depreciation (B)	(105)	(316)	(527)	(738)	(949)	(1,160)	(1,371)	(1,582)	(1,793)	(2,004)	(2,215)	(2,426)	(2,637)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	79,009	78,798	78,587	78,376	78,165	77,954	77,743	77,532	77,321	77,110	76,899	76,688	76,477	
6	·····•		78,904	78,693	78,482	78,271	78,060	77,849	77,638	77,427	77,216	77,005	76,794	76,583	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (C)		472	470	469	468	467	465	464	463	462	460	459	458	5,577
	b Debt Component (Line 6 x 3.5137% x 1/12)		231	230	230	229	229	228	227	227	226	225	225	224	2,731
8	Investment Expenses														
	a Depreciation		211	211	211	211	211	211	211	211	211	211	211	211	2,532
	b Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	
	e Other (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		914	911	910	908	907	904	902	901	899	896	895	893	10,840
	a Recoverable Costs Allocated to Energy		914	911	910	908	907	904	902	901	899	896	895	893	10,840
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		884	878	878	876	878	876	872	871	869	863	862	863	10,470
13	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Juris. Recoverable Costs (Lines 12 + 13)		884	878	878	876	878	876	872	871	869	863	862	863	10,470

Notes:

្រុ

(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

Schedule 42-4P Page 13 of 17

### Gulf Power Company

### Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Smith Stormwater Collection System

P.E.	1440
(in D	ollars)

	(in Dollars)														
		Beginning of Period													End of Period
Line 1	Description Investments	Amount	January	February	March	April	<u>May</u>	June	July	August	September	October	November	December	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 Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	
3	Less: Accumulated Depreciation (B)	(350,029)	(357,450)	(364,871)	(372,292)	(379,713)	(387,134)	(394,555)	(401,976)	(409,397)	(416,818)	(424,239)	(431,660)	(439,081)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Net Investment (Lines 2 - 3 + 4)	2,432,571	2,425,150	2,417,729	2,410,308	2,402,887	2,395,466	2,388,045	2,380,624	2,373,203	2,365,782	2,358,361	2,350,940	2,343,519	
6	Average Net Investment		2,428,861	2,421,440	2,414,019	2,406,598	<b>2,399,</b> 177	2,391,756	2,384,335	2,376,914	2,369,493	2,362,072	2,354,651	2,347,230	
	Return on Average Net Investment		14 500												
	<ul> <li>a Equity Component Grossed Up For Taxes (C)</li> <li>b Debt Component (Line 6 x 3.5137% x 1/12)</li> </ul>		14,520 7.112	14,475 7,090	14,431	14,387	14,342	14,298	14,254	14,209	14,165	14,120	14,076	14,032	171,309
	· · · · · · · · · · · · · · · · · · ·		7,112	7,090	7,068	7,047	7,025	7,003	6,981	<b>6,96</b> 0	6,938	6,916	6,894	6,873	83,907
8	Investment Expenses a Depreciation		7,421	7,421	7,421	7,421	7,421	7 401	7 (2)	<b>7</b> 404					
	b Amortization		7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	89,052
	c Dismantlement		0	n n	ň	0	Ň	0	0	0	0	U	U	U	0
	d Property Taxes		ő	ő	ŏ	ő	ŏ	ů	ů	0	0	0	0	U	U
	e Other (D)	_	Ō	Ő	0	Ő	ŏ	Õ	Ő	õ	0	Ő	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		29,053	28,986	28,920	28,855	28,788	28,722	28,656	28,590	28,524	28,457	28,391	28,326	344,268
	a Recoverable Costs Allocated to Energy		2,235	2,230	2,225	2,220	2,214	2,209	2,204	2,199	2,194	2,189	2,184	2,179	26,482
	<ul> <li>Recoverable Costs Allocated to Demand</li> </ul>		26,818	26,756	26,695	26,635	26,574	26,513	26,452	26,391	26,330	26,268	26,207	26,147	317,786
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		2,161	2,150	2,147	2,142	2,144	2,141	2,132	2,127	2,121	2,109	2,104	2,105	25,583
13	Retail Demand-Related Recoverable Costs (F)	-	25,875	25,815	25,756	25,698	25,639	25,580	25,522	25,463	25,404	25,344	25,285	25,227	306,608
14	Total Juris. Recoverable Costs (Lines 12 + 13)		28,036	27,965	27,903	27,840	27,783	27,721	27,654	27,590	27,525	27,453	27,389	27,332	332,191
															C Landard Contractor

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

Schedule 42-4P Page 14 of 17

## Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

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

(in Dollars)

		Beginning of Period													End of Period
<u>Lin</u>		Amount	January	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	June	July	August	September 1997	October	November	December	Amount
1	Investments														
	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
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	
3	Less: Accumulated Depreciation (B)	(27,461)	(27,928)	(28,395)	(28,862)	(29,329)	(29,796)	(30,263)	(30,730)	(31,197)	(31,664)	(32,131)	(32,598)	(33,065)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	(00,000)	
5	Net Investment (Lines 2 - 3 + 4)	147,739	147,272	146,805	146,338	145,871	145,404	144,937	144,470	144,003	143,536	143,069	142,602	142,135	
6	Average Net Investment		147,506	147,039	146,572	146,105	145,638	145,171	144,704	144,237	143,770	143,303	142,836		
7	Return on Average Net Investment		117,000	,055	140,272	140,100	145,056	143,171	144,704	144,237	143,770	143,303	142,830	142,369	
	a Equity Component Grossed Up For Taxes (C)		882	879	876	873	871	868	865	862	859	857	854	851	10,397
	b Debt Component (Line 6 x 3.5137% x 1/12)		432	431	429	428	426	425	424	422	421	420	418	417	5,093
8	Investment Expenses											420	410	417	5,095
	a Depreciation		467	467	467	467	467	467	467	467	467	467	467	467	6 (0)
	b Amortization		0	0	0		 0		407	-0/	407	407	407	407	5,604
	c Dismantlement		Ō	Ō	ŏ	ŏ	ů	Ň	ň	0	0	0	0	0	0
	d Property Taxes		0	0	Ó	ō	Ō	Ő	õ	ő	ů	0	0	ň	v
	e Other (D)	_	0	0	0	0	0	0	0	0	0	Ő	ŏ	ů	۵
9	Total System Recoverable Expenses (Lines 7 + 8)	_	1,781	1,777	1,772	1.768	1,764	1,760	1.756	1.751	1,747	1.744	1,739	1,735	21,094
	a Recoverable Costs Allocated to Energy		137	137	136	136	136	135	135	135	134	134	1,739	133	1,622
	b Recoverable Costs Allocated to Demand		1.644	1,640	1,636	1,632	1,628	1,625	1,621	1,616	1,613	1,610	1.605	1,602	1,022
10	Energy Jurisdictional Factor		0.9654767	0.9626967								,			19,472
10	Demand Jurisdictional Factor		0.9634767	0.9626967	0.9636507 0.9648271	0.9634666 0.9648271	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
			0.9048271	0.9048271	0.9048271	0.9048271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12			132	132	131	131	132	131	131	131	130	129	129	128	1,567
13	Retail Demand-Related Recoverable Costs (F)	-	1,586	1,582	1,578	1.575	1,571	1,568	1,564	1,559	1,556	1,553	1,549	1,546	18,787
14	Total Juris. Recoverable Costs (Lines 12 + 13)	-	1,718	1,714	1,709	1,706	1,703	1,699	1,695	1,690	1,686	1,682	1,678	1,674	20,354

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

Schedule 42-4P Page 15 of 17

# Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Daniel Ash Management Project P.E. 1535

<b>F</b> .,	E, I.	222
(in	Dol	lars)

(ui Donars)												
Beginning of Period			End of Period									
Line Description Amount January February March April May June July August Septer 1 Investments	iber <u>October</u> ]	November December	Amount									
a Expenditures/Additions 0 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	0 0										
c Retirements 0 0 0 0 0 0 0 0	0 0	0 0										
d Cost of Removal 0 0 0 0 0 0 0 0	0 0	0 0										
2 Plant-in-Service/Depreciation Base 13,242,469 13,242,	469 13,242,469	13.242.469 13.242.469										
3 Less: Accumulated Depreciation (B) (2,001,406) (2,036,366) (2,071,326) (2,106,286) (2,141,246) (2,176,206) (2,211,166) (2,246,126) (2,281,086) (2,31	,046) (2,351,006)	(2,385,966) (2,420,926)										
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) 11,241,063 11,206,103 11,171,143 11,136,183 11,101,223 11,066,263 11,031,303 10,996,343 10,961,383 10,926	423 10,891,463	10,856,503 10,821,543										
6 Average Net Investment 11,223,583 11,188,623 11,153,663 11,118,703 11,083,743 11,048,783 11,013,823 10,978,863 10,943	,903 10,908,943 1	10,873,983 10,839,023										
7 Return on Average Net Investment												
	423 65,214	65,005 64,796	791,346									
	,044 31,941	31,839 31,737	387,596									
8 Investment Expenses												
	485 26,485	26,485 26,485	317,820									
b Amortization 0 0 0 0 0 0 0 0 0	0 0	0 0	0									
	475 8,475	8,475 8,475	101,700									
d Property Taxes 35,682	682 35,682	35,682 35,682	428,184									
	· · · · ·	0 0	0									
	109 167,797	167,486 167,175	2,026,646									
	931 12,907	12,884 12,860	155,894									
	,178 154,890	154,602 154,315	1,870,752									
10 Energy Jurisdictional Factor 0.9654767 0.9626967 0.9636507 0.9634666 0.9668827 0.9677380 0.9658454 0.9658165 0.965		0.9619027 0.9645837										
11 Demand Jurisdictional Factor 0.9648271 0.9	271 0.9648271	0.9648271 0.9648271										
	502 12,438	12,411 12,422	150,595									
	720 149,442	149,164 148,887	1,804,952									
14 Total Juris. Recoverable Costs (Lines 12 + 13) 164,626 164,288 164,000 163,698 163,442 163,153 162,827 162,527 162	222 161,880	161,575 161,309	1,955,547									

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

Schedule 42-4P Page 16 of 17

# Gulf Power Company

## Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

Return on Capital Investments, Depreciation and Taxes

For Project: Underground Fuel Tank Replacement

r.c. 4397	
(in Dollars)	

		Beginning of Period													End of Period
Lin 1	e <u>Description</u> Investments	Amount	January	February	March	April	May	June	July	August	September	October	November	December	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	Ō	Ō	Ő	ő	ů	0	0	
	c Retirements		0	0	0	0	0	0	0	Ó	0	0	0	ő	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	Ő	õ	
2	Plant-in-Service/Depreciation Base	457,919	457,919	457,919	457,919	457.919	457,919	457.919	457.919	457.919	457,919	457,919	457,919	457,919	
3	Less: Accumulated Depreciation (B)	(162,681)	(167,602)	(172,522)	(177,443)	(182.363)	(187,284)	(192,204)	(197,125)	(202,045)	(206,966)	(211,886)	(216,807)	(221,727)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	(210,007)	(221,121)	
5	Net Investment (Lines 2 - 3 + 4)	295,238	290,317	285,397	280,476	275,556	270,635	265,715	260,794	255,874	250,953	246,033	241,112	236,192	
6	Average Net Investment		292,778	287,857	282,937	278,016	273,096	268,175	263,255	258,334	253,414	248,493	243,573	238,652	
7	Return on Average Net Investment						-	,		,			2.0,070	250,052	
	a Equity Component Grossed Up For Taxes (C)		1,750	1,721	1,691	1,662	1,633	1,603	1,574	1,544	1,515	1,485	1,456	1,427	19,061
	b Debt Component (Line 6 x 3.5137% x 1/12)		857	843	828	814	800	785	771	756	742	728	713	699	9,336
8	Investment Expenses														1,000
	a Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Amortization		4,921	4,920	4,921	4,920	4,921	4,920	4,921	4,920	4,921	4,920	4.921	4,920	59,046
	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	-
	e Other (D)	-	0	0	0	0	00	. 0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		7,528	7,484	7,440	7,396	7,354	7,308	7,266	7,220	7,178	7,133	7,090	7,046	87,443
	a Recoverable Costs Allocated to Energy		579	576	572	569	566	562	559	\$55	552	549	545	542	6,726
	b Recoverable Costs Allocated to Demand		6,949	6,908	6,868	6,827	6,788	6,7 <b>4</b> 6	6,707	6,665	6,626	6,584	6,545	6,504	80,717
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
н	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		560	555	552	549	548	545	541	537	534	529	525	524	6,499
13	Retail Demand-Related Recoverable Costs (F)	_	6,705	6,665	6,626	6,587	6,549	6,509	6,471	6,431	6,393	6,352	6.315	6.275	77,878
14	Total Juris. Recoverable Costs (Lines 12 + 13)		7,265	7,220	7,178	7,136	7,097	7,054	7,012	6,968	6,927	6,881	6.840	6,799	84,377
															5.,577

Notes:

<u>م</u>

(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

Schedule 42-4P Page 17 of 17

# Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount January 2000 - December 2000

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

# (in Dollars)

		Beginning of Period					,								End of Period
Line		Amount [	<u>January</u>	February	March	<u>April</u>	<u>May</u>	June	July	August	September	October	November	December	Amount
I	Investments														
	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
2	Working Capital Balance	(645,055)	(645,871)	(646,478)	(647,059)	(647,739)	(648,503)	(649,390)	(650,300)	(651,236)	(652,003)	(652,643)	(653,319)	(654,026)	
3	Less: Accumulated Depreciation (B)	0	0	0	0	0	0	0	0	0	Ó	Ó	0	0	
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)	(645,055)	(645,871)	(646,478)	(647,059)	(647,739)	(648,503)	(649,390)	(650,300)	(651,236)	(652,003)	(652,643)	(653,319)	(654,026)	
6	Average Net Investment		(645,463)	(646,175)	(646,769)	(647,399)	(648,121)	(648,947)	(649,845)	(650,768)	(651,620)	(652,323)	(652,981)	(653,673)	
7	Return on Average Net Investment										,		()	()	
	a Equity Component Grossed Up For Taxes (C)		(3,859)	(3,863)	(3,866)	(3,870)	(3,874)	(3,879)	(3,885)	(3,890)	(3,895)	(3,900)	(3,904)	(3,908)	(46,593)
	b Debt Component (Line 6 x 3.5137% x 1/12)		(1,890)	(1,892)	(1,894)	(1,896)	(1,898)	(1,900)	(1,903)	(1,905)	(1,908)	(1,910)	(1,912)	(1,914)	(22,822)
8	Investment Expenses														
	a Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	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	
	e Other (D)	-	816	607	581	680	764	887	910	936	767	640	676	707	8,971
9	Total System Recoverable Expenses (Lines 7 + 8)		(4,933)	(5,148)	(5,179)	(5,086)	(5,008)	(4,892)	(4,878)	(4,859)	(5,036)	(5,170)	(5,140)	(5,115)	(60,444)
	a Recoverable Costs Allocated to Energy		(4,933)	(5,148)	(5,179)	(5,086)	(5,008)	(4,892)	(4,878)	(4,859)	(5,036)	(5,170)	(5,140)	(5,115)	(60,444)
	b Recoverable Costs Allocated to Demand		0	U	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9654767	0.9626967	0.9636507	0.9634666	0.9668827	0.9677380	0.9658454	0.9658165	0.9654917	0.9623018	0.9619027	0.9645837	
- 11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		(4,769)	(4,963)	(4,998)	(4,907)	(4,849)	(4,741)	(4,718)	(4,699)	(4,869)	(4,982)	(4,951)	(4,941)	(58,387)
13	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	(30,307)
14	Total Juris. Recoverable Costs (Lines 12 + 13)		(4,769)	(4,963)	(4,998)	(4,907)	(4,849)	(4,741)	(4,718)	(4,699)	(4,869)	(4,982)	(4,951)	(4,941)	(58,387)

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

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

# **Description and Progress Report of Environmental Compliance Activities and Projects**

#### Title: Air Quality Assurance Testing PE 1006

#### **Description:**

Audit test trailer with associated support equipment to conduct Relative Accuracy Audits (RATA's) on the Continued Emission Monitoring Systems (CEM's) as required by the 1990 Clean Air Act Amendments.

#### Accomplishments:

All RATA's have been performed in a timely and cost-effective manner and provided assurance of CEMs performance.

Project-to-Date: \$239,115

Progress Summary: In-Service.

Schedule 42-5P Page 2 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

### Description and Progress Report of Environmental Compliance Activities and Projects

#### Title: Crist 5, 6 & 7 Precipitator Projects PE's 1119, 1216, 1243

#### **Description:**

These projects are necessary to improve particulate removal capabilities from the burning of low sulfur coal. The larger precipitators and increased collection areas improve particulate collection efficiency.

#### Accomplishments:

No visible emission violations have occurred since installation and opacity has been substantially reduced. The precipitators have functioned successfully in burning low sulfur coal.

**Project-to-Date:** \$24,440,825

Progress Summary: In-Service.

#### **Gulf Power Company**

Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

#### Description and Progress Report of Environmental Compliance Activities and Projects

#### Title: Crist 7 Flue Gas Conditioning PE 1228

#### **Description:**

Injection of sulfur trioxide into the flue gas to improve particulate removal and improve the collection characteristics of fly ash.

#### **Accomplishments:**

System has proven effective in enhanced particulate removal in precipitators.

**Project-to-Date: \$2,179,245** 

Progress Summary: In-Service.

Schedule 42-5P Page 4 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

#### **Description and Progress Report of Environmental Compliance Activities and Projects**

#### Title: Low NOx Burners, Crist 6 & 7 PE's 1236, 1242

#### **Description:**

These are unique burners installed to decrease the quantities of NOx which is formed in the combustion process. This equipment is a requirement of the 1990 Clean Air Act Amendments.

#### Accomplishments:

System has proven effective in reduced NOx emissions.

**Project-to-Date:** \$16,296,360

Progress Summary: In-Service.

# Description and Progress Report of Environmental Compliance Activities and Projects

# Title: CEMs - Crist 1, 4-7, 6 & 7 Upgrade; Scholz 1; Smith 1 & 2; Daniel PE's 1164, 1240, 1245, 1286, 1289, 1290, 1323, 1441, 1442, 1459, 1460, 1558

# **Description:**

This equipment is dilution extraction continuous emission monitors that measure concentrations of sulfur dioxide (SO2) and nitrogen oxides (NOx) in the flue gas. Additionally, opacity and flow monitors were also installed. All monitors were installed pursuant to the 1990 Clean Air Act Amendments.

#### Accomplishments:

The systems at both Gulf and Mississippi Power have successfully exceeded all quality assurance/quality control (QA/QC) audits as required by the 1990 Clean Air Act Amendments.

**Project-to-Date: \$4,880,153** 

Progress Summary: In-Service

**Projections:** Smith Units 1 & 2 Flow Monitor Upgrade projected for installation and to be placed in service in 2000. Expenditures projected at \$300,000. Existing flow monitors at Smith Units 1 & 2 (currently in ECRC) will be retired.

#### Description and Progress Report of Environmental Compliance Activities and Projects

# Title: Substation Contamination Mobile Groundwater Treatment System PE's 1007, 3400

#### **Description:**

This capital purchase was the result of Gulf's decision to purchase a previously leased treatment system which proved effective in contaminated groundwater treatment. The direct purchase of this system resulted in a reduction in long-term project expenditures.

#### Accomplishments:

System has proven effective in groundwater remediation at reduced costs.

Project-to-Date: \$369,649

Progress Summary: In-Service.

#### Description and Progress Report of Environmental Compliance Activities and Projects

#### Title: Crist Cooling Tower Cell PE 1232

#### **Description:**

Pollution control device which allows condenser cooling water to be continually reinjected into the condenser. The cooling tower function limits water discharge temperatures to meet National Pollution Discharge Elimination System (NPDES) requirements.

#### Accomplishments:

The additional cooling tower cell has effectively enhanced temperature discharge compliance limits as required by the Industrial Waste Water Permit.

Project-to-Date: \$906,659

Progress Summary: In-Service.

Projections: N/A

- - - -

# Description and Progress Report of Environmental Compliance Activities and Projects

# Title: Crist 1-5 Dechlorination PE 1248

#### **Description:**

State and Federal NPDES permits require significant reductions in chlorine discharge from the plant. This equipment injects sulfur trioxide (SO3) into the cooling water canal to chemically eliminate the residual chlorine present in discharge water.

#### Accomplishments:

The system has been effective in maintaining chlorine discharge limits.

Project-to-Date: \$305,323

Progress Summary: In-Service.

Schedule 42-5P Page 9 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

#### Description and Progress Report of Environmental Compliance Activities and Projects

#### Title: Crist Diesel Fuel Oil Remediation PE 1270

#### **Description:**

Installation of monitor wells in the vicinity of storage tank systems to determine if groundwater contamination was present. The project included installation of an impervious cap to prevent potential migration of contaminants to surface or groundwaters.

#### Accomplishments:

This activity was effective.

Project-to-Date: \$47,955

Progress Summary: In-Service.

# Description and Progress Report of Environmental Compliance Activities and Projects

# Title: Crist Bulk Tanker Unloading Secondary Containment PE 1271

# **Description:**

This project was necessary to address deficiencies identified during the August 1992 Environmental Audit of Plant Crist and to minimize the potential risk of an uncontrolled discharge of pollutants into the waters of the United States. It is also expected to be a new requirement of the Federal Spill Prevention Control and Countermeasures Regulations presently under revision.

# Accomplishments:

Unloading secondary containment complies with regulatory requirements.

Project-to-Date: \$101,495

Progress Summary: In-Service.

#### **Description and Progress Report of Environmental Compliance Activities and Projects**

#### Title: Crist IWW Sampling System PE 1275

#### **Description:**

The 1993 revision to Plant Crist's wastewater discharge permit moved the compliance point from the end of the discharge canal to a point upstream of Thompson's Bayou. To allow for this sample point modification, a dock with access was constructed in the discharge canal. The work includes a small building for the needed monitoring and sampling equipment.

#### Accomplishments:

Dock is complete and sampling events are collected at the required compliance point.

Project-to-Date: \$59,543

Progress Summary: In-Service.

# Description and Progress Report of Environmental Compliance Activities and Projects

# Title: Smith Sodium Injection System PE 1413

#### **Description:**

To construct and maintain a silo storage tank system and components which will inject sodium bicarbonate directly onto the coal feeder belt to enhance precipitator performance. The injection of sodium bicarbonate as an additive to low sulfur coal will reduce opacity levels to maintain compliance with Clean Air Act provisions.

#### Accomplishments:

The silo storage tank and components have been purchased. The construction phase for the system is expected to take approximately six weeks for completion. Test burns are expected to occur in early October and last through December 1999. The system is expected to be fully operational in January 2000.

Project-to-Date: \$79,114

Progress Summary: Test period to begin in October 1999.

## Description and Progress Report of Environmental Compliance Activities and Projects

#### Title: Smith Stormwater Collection System PE 1446

#### **Description:**

The National Pollution Discharge Elimination System (NPDES) requires that industrial facilities install stormwater management systems in order to prevent the unpermitted discharge of contaminated stormwater runoff to the surface waters of the United States.

#### Accomplishments:

No unpermitted discharges have occurred since system installation.

**Project-to-Date:** \$2,782,600

Progress Summary: In-Service.

**Projections:** N/A

#### Description and Progress Report of Environmental Compliance Activities and Projects

#### Title: Smith Waste Water Treatment Facility PE 1466

#### **Description:**

The system replaced the existing septic tank system installed in the early 1960's. The new system is designed to provide secondary treatment of raw sewage and domestic waste from the plant proper. The treatment will include aeration, chlorination, and dechlorination of the wastewater prior to discharging into a drain field. This project assures compliance with our industrial waste water permits requirements.

Accomplishments: Compliance maintained.

Project-to-Date: \$175,200

Progress Summary: In-Service.

Schedule 42-5P Page 15 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects

#### Title: Daniel Ash Management Project PE 1535

#### **Description:**

Provide for a dry ash transport system, lining of the existing bottom ash pond, capping the existing flyash pond and constructing a dry ash storage cell. This project is required to comply with existing groundwater quality standards.

Accomplishments: No reportable exceedances have occurred since system installation.

**Project-to-Date:** \$13,242,469

Progress Summary: In-Service.

# **Description and Progress Report of Environmental Compliance Activities and Projects**

### Title: Underground Fuel Tank Replacement PE 4397

# **Description:**

To provide for the replacement of all of Gulf's underground tanks with new aboveground tanks. The environmental laws regarding underground tanks are more stringent in regard to monitoring requirements. The risk of potential discharges of petroleum products which could result in groundwater contamination and subsequent remediation are significantly reduced with the installation of above ground systems.

Accomplishments: All underground tanks have been replaced with above ground tank systems.

Project-to-Date: \$457,919

Progress Summary: In-Service.

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.1

#### Title: Sulfur/Ammonia

#### **Description:**

The Crist Unit 7 sulfur trioxide (SO3) flue gas system allows the injection of SO3 into the flue gas stream. The addition of sulfur trioxide to the flue gas improves the collection efficiency of the precipitator when burning a low sulfur coal. Ammonia agglomerates the particles, which in turn enhances the collection efficiency of the precipitator.

#### Accomplishments:

The flue gas injection system has improved the efficiency of the Crist Unit 7 precipitator allowing the unit to burn low sulfur coal in compliance with the Clean Air Act Amendments of 1990. Presently, the coal supply at Plant Crist is of such quality in sulfur content that sulfur injection is not necessary to meet the sulfur dioxide emission requirements of the Clean Air Act Amendments (CAAA).

Fiscal Expenditures: N/A

Progress Summary: Pending.

Projections: \$10,500

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.2

#### Title: Air Emission Fees

#### **Description:**

These expenses are the annual fees required by the Florida Department of Environmental Protection (FDEP) under Title IV of the Clean Air Act Amendments of 1990.

# Accomplishments:

Fees have been paid by due dates.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments.

Projections: \$711,000

## **Gulf Power Company**

Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.3

Title: Title V

#### **Description:**

These are expenses associated with the preparation of the Clean Air Act Amendments Title V permit applications and the subsequent implementation of Title V permits.

#### Accomplishments:

Title V permits have yet to be issued for Plants Crist, Smith or Scholz.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments.

Projections: \$65,767

Schedule 42-5P Page 20 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000 Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.4

#### **Title:** Asbestos Fees

#### **Description:**

These are both annual and individual project fees due to the Florida Department of Environmental Protection (FDEP) for asbestos abatement projects. These expenses are also associated with required annual State asbestos fees.

#### Accomplishments:

Fees paid as required and on a timely basis.

Fiscal Expenditures: N/A

Projections: \$5,500

Schedule 42-5P Page 21 of 33

<u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.5

**Title: Emission Monitoring** 

#### **Description:**

This program provides quality assurance/quality control testing for CEMs, including Relative Accuracy Test Audits and Linearity Tests as required by the Clean Air Act Amendments of 1990.

Accomplishments: All systems are in compliance.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$307,389

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.6

#### Title: General Water Quality

#### **Description:**

These are ongoing activities undertaken pursuant to the Company's Industrial Waste Water (IWW) permit and also include extensive surface and groundwater monitoring studies.

#### **Accomplishments:**

All activities are on-going and comply with all applicable environmental laws, rules, and regulations. For the ECRC approved Plant Smith CT Soil Contamination Studies, Gulf was successful in convincing FDEP that air treatment for the designed remediation system was unnecessary; air treatment and related air equipment installation, operation and maintenance can significantly increase costs of such systems. Through successful negotiations for the omission of air treatment, Gulf significantly reduced expenses for this project.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

**Projections: \$563,005** 

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.7

# Title: Groundwater Contamination Investigation

#### **Description:**

This project includes sampling and testing to determine possible environmental impacts to groundwater from past herbicide applications at various substation sites.

#### Accomplishments:

The Florida Department of Environmental Protection has issued No Further Action (NFA) at 20 sites.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

**Projections:** \$1,445,670

Schedule 42-5P Page 24 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.8

#### **Title: State NPDES Administration**

#### **Description:**

This is the fee that is required by the State Of Florida's National Pollution Discharge Elimination System (NPDES) program administration. The purpose of these fees is the renewal of NPDES permitting at Plant Smith and Scholz.

#### Accomplishments:

Compliance with fee due dates.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$42,000

Schedule 42-5P Page 25 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.9

#### Title: Lead & Copper Rule

#### **Description:**

These are sampling and analytical costs for lead and copper in drinking water as required by the Florida of Environmental Protection (FDEP) regulations.

#### Accomplishments:

All sampling and analytical protocols are current.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments.

Projections: \$6,000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.10

#### Title: Environmental Auditing/Assessment

#### **Description:**

This program ensures continued compliance with environmental laws, rules, and regulations through auditing and/or assessment of company facilities and operations.

#### **Accomplishments:**

Audits and assessments accomplished to date have demonstrated compliance with environmental laws, rules, and regulations.

Fiscal Expenditures: N/A

Progress Summary: 1999 audits are scheduled for October.

Projections: \$23,000

Schedule 42-5P Page 27 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.11

#### Title: General Solid and Hazardous Waste

#### **Description:**

This program provides for the proper identification, handling, storage, transportation and disposal of solid and hazardous wastes.

#### Accomplishments:

Gulf has complied with all hazardous and solid wastes regulations.

Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$68,442

Schedule 42-5P Page 28 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.12

#### Title: Above Ground Storage Tank Integrity and Secondary Containment Upgrades

#### **Description:**

This project is required under the provisions of Chapter 62-762 F.A.C. and includes specifies performance standards applicable to existing field-erected storage tank systems. These performance standards include installation of secondary containment, cathodic protection and tank integrity inspections.

#### **Accomplishments:**

Gulf has complied with all petroleum storage tank system requirements.

**Expenditures:** N/A

Progress Summary: See Accomplishments

Schedule 42-5P Page 29 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.13

Title: Low NOx

#### **Description:**

This project refers to the purchase and installation costs of Low NOx burner tips on Crist Units 4 & 5 and Smith Unit 1 in order to comply with Phase II requirements of the Clean Air Act Amendments.

Accomplishments: Burner tips on Crist Unit 5 are installed and in-service. Burner tips on Crist Unit 4 are currently being installed and are expected to be in-service in October. Burner tips on Smith Unit 1 are installed and in-service.

**Expenditures:** \$1,332,939 in 1999.

Progress Summary: See Accomplishments

**Projections: \$0** 

Schedule 42-5P Page 30 of 33

# <u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) January 2000-December 2000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.14

#### Title: Crist 4-7 Ash Pond Diversion Curtains

#### **Description:**

This project refers to the installation of additional flow diversion curtains at the Plant Crist ash pond to effectively increase water retention time in the ash pond, thereby allowing for the sedimentation/precipitation treatment process to be more effective in reducing levels of suspended particulates from the outfall at the Plant Crist ash pond.

Accomplishments: The diversion curtains have been installed.

**Expenditures:** \$71,800 in 1999.

Progress Summary: See Accomplishments

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.15

#### **Title: Mercury Emissions**

#### **Description:**

This project refers to EPA requirements to analyze coal shipments for mercury and chlorine content.

Accomplishments: Coal shipments are being analyzed as required.

**Expenditures:** \$14,100 in 1999.

Progress Summary: Sampling and analytical requirements are not expected in 2000.

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.16

#### **Title: Sodium Injection**

#### **Description:**

This project refers to the installation of a sodium injection system at Plant Smith. The activity involves sodium injection to the coal supply at Plant Smith to enhance precipitator efficiencies when burning low sulfur coal.

Accomplishments: Sodium carbonate has been delivered to Plant Smith.

**Expenditures:** \$37,000 in 1999.

Progress Summary: Test period to begin in October 1999.

Projections: \$100,000

# Description and Progress Report of Environmental Compliance Activities and Projects O & M Line Item 1.17

# Title: Gulf Coast Ozone Study (GCOS)

#### **Description:**

Escambia and Santa Rosa counties are identified as potential ozone non-attainment areas due to the new eight-hour ambient air quality standards adopted by the U.S. Environmental Protection Agency (EPA) in accordance with Title I of the Clean Air Act Amendments of 1990. This project refers to Gulf's participation in the Gulf Coast Ozone Study (GCOS) which is a joint modeling analysis between Gulf Power and the State of Florida to provide an improved basis for assessment of eight-hour ozone air quality for Northwest Florida.

Accomplishements: N/A

Expenditures: N/A

**Progress Summary:** N/A

Projections: \$253,000

#### Schedule 42-6P

#### <u>Guif Power Company</u> Environmental Cost Recovery Clause (ECRC) Calculation of the Energy & Demand Allocation % By Rate Class January 2000 - December 2000

	(1)	(2) Jan - Dec. 2000	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Rate Class	Average 12 CP Load Factor at Meter (%)	Projected Sales at Meter (KWH)	Projected Avg 12 CP at Meter (KW)	Demand Loss Expansion <u>Factor</u>	Energy Loss Expansion Factor	Projected Sales at Generation (KWH)	Projected Avg 12 CP at Generation (KW)	Percentage of KWH Sales at Generation (%)	Percentage of 12 CP Demand at Generation (%)
RS, RST	57.217702%	4,669,455,000	931,604.71	1.1019333	1.0766175	5,027,216,968	1,026,566.25	47.18085%	56.09219%
GS, GST	57.820776%	263,808,000	52,083.47	1.1019255	1.0766135	284,019,254	57,392.10	2.66554%	3.13594%
GSD, GSDT	72.316857%	2,195,727,000	346,604.90	1.1016647	1.0764011	2,363,482,958	381,842.38	22.18148%	20.86409%
LP, LPT	85.738506%	1,088,382,000	144,910.99	1.0601470	1.0444167	1,136,724,337	153,626.95	10.66825%	8.39427%
PX, PXT, RTP, SBS	97.623712%	1,680,197,000	196,472.05	1.0313379	1.0235079	1,719,694,903	202,629.07	16.13947%	11.07177%
OS-I, OS-II	299.917227%	87,532,000	3,331.67	1.1020255	1.0766162	94,238,369	3,671.59	0.88443%	0.20062%
OS-III	98.962375%	23,970,000	2,764.99	1.1024447	1.0766529	25,807,370	3,048.25	0.24220%	0.16656%
OS-IV	34.482597%	3,739,000	1,237.80	1.1024447	1.0766529	4,025,605	1,364.61	0.03778%	0.07456%
TOTAL	67.948463%	10,012,810,000	<u>1.679,010.58</u>			<u>10,655,209,764</u>	<u>1,830,141.20</u>	<u>100.00000%</u>	<u>100.00000%</u>

#### Notes:

- (1) Average 12 CP load factor based on actual 1997 load research data
- (2) Projected KWH sales for the period January 2000 December 2000
- (3) Calculated:  $(Col 2) / (8,760 \times Col 1), (8,760 \text{ hours} = \text{the } \# \text{ of hours in } 1 \text{ year})$
- (4) Based on 1990 demand losses
- (5) Based on 1990 energy losses
- (6) Col 2 x Col 5
- (7) Col 3 x Col 4
- (8) Col 6 / total for Col 6
- (9) Col 7 / total for Col 7

#### Schedule 42-7P

#### Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Energy & Demand Allocation % By Rate Class January 2000 - December 2000

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rate Class	Percentage of KWH Sales at Generation (%)	Percentage of 12 CP Demand at Generation (%)	Energy- Related <u>Costs</u>	Demand- Related <u>Costs</u>	Total Environmental <u>Costs</u>	Projected Sales at Meter (KWH)	Environmental Cost Recovery Factors ( <u>¢/KWH)</u>
RS, RST	47.18085%	56.09219%	3,374,582	2,478,379	5,852,961	4,669,455,000	0.125
GS, GST	2.66554%	3.13594%	190,651	138,558	329,209	263,808,000	0.125
GSD, GSDT	22.18148%	20.86409%	1,586,516	921,859	2,508,375	2,195,727,000	0.114
LP, LPT	10.66825%	8.39427%	763,040	370,893	1,133,933	1,088,382,000	0.104
PX, PXT, RTP, SBS	16.13947%	11.07177%	1,154,365	489,195	1,643,560	1,680,197,000	0.098
OS-1, OS-11	0.88443%	0.20062%	63,258	8,864	72,122	87,532,000	0.082
OS-III	0.24220%	0.16656%	17,323	7,359	24,682	23,970,000	0.103
OS-IV	0.03778%	0.07456%	2,702	3,294	5,996	3,739,000	0.160
TOTAL	<u>100.00000%</u>	<u>100.00000%</u>	<u>\$7.152.437</u>	<u>\$4.418.401</u>	<u>\$11.570.838</u>	10.012.810.000	0.116

#### Notes:

- (1) From Schedule 42-6P, Col 8
- (2) From Schedule 42-6P, Col 9
- (3) Col 1 x Total Energy \$ from Schedule 42-1P, line 5
- (4) Col 2 x Total Demand \$ from Schedule 42-1P, line 5
- (5) Col 3 + Col 4
- (6) Projected KWH sales for the period January 2000 December 2000
- (7) Col 5 / Col 6 x 100

# Schedule 42-1E

# **<u>Gulf Power Company</u>**

Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

Line	2	Period Amount (\$)
1	Over/(Under) Recovery for the current period	
	(Schedule 42-2E, Line 5)	201,782
2	Interest Provision	
	(Schedule 42-2E, Line 6)	102,128
3	Sum of Current Period Adjustments	
	(Schedule 42-2E, Line 10)	0
4	Current Period True-Up Amount to be refunded/(recovered) in the projection period January 2000 - December 2000	
	(Lines 1 + 2 + 3)	303,910

ာ တ

Schedule 42-2E

<u>Gutf Power Company</u> Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

# Current Period True-Up Amount (in Dollars)

Line	Actual January	Actual February	Actual <u>March</u>	Actual <u>April</u>	Actual <u>May</u>	Actual June	Actual July	Actual <u>August</u>	Estimated <u>September</u>	Estimated October	Estimated November	Estimated December	End of Period <u>Amount</u>
1 ECRC Revenues (net of Revenue Taxes)	639,006	520,170	547,563	608,853	682,845	792,350	890,896	926,143	750,866	601,515	564,459	677,355	8,202,021
2 True-Up Provision (Orders No. PSC-98-1764&1224-FOF-EI)	328,613	328,613	328,613	328,613	328,613	328,613	328,613	328,613	328,613	328,613	328,613	328,612	3,943,355
3 ECRC Revenues Applicable to Period (Lines 1 + 2)	967,619	848,783	876,176	937,466	1,011,458	1,120,963	1,219,509	1,254,756	1,079,479	930,128	893,072	1,005,967	12,145,376
<ul> <li>Jurisdictional ECRC Costs</li> <li>a O &amp; M Activities (Schedule 42-5E, line 9)</li> <li>b Capital Investment Projects (Schedule 42-7E, line 9)</li> <li>c Total Jurisdictional ECRC Costs</li> </ul>	146,660 721,528 868,188	777,075 717,428 1,494,503	44,985 716,427 761,412	51,266 <u>683,725</u> 734,991	586,331 <u>680,471</u> 1,266,802	300,129 679,323 979,452	137,913 <u>677,707</u> 815,620	46,565 675,314 721,879	553,916 <u>674,145</u> 1,228,061	352,642 671,450 1,024,092	471,938 <u>669,659</u> 1,141,597	237,493 <u>669,504</u> 906,997	3,706,913 8,236,681 11,943,594
C Total sur Mictional ECIC Cons	000,100	1,174,505	701,112		1,200,002	777,452	015,020	741,077	1,220,001	1,021,072	1,141,227	700,777	11,245,524
5 Over/(Under) Recovery (Line 3 - Line 4c)	99,431	(645,720)	114,764	202,475	(255,344)	141,511	403,889	532,877	(148,582)	(93,964)	(248,525)	98,970	201,782
6 Interest Provision (Schedule 42-3E, Line 10)	15,695	13,254	10, <b>995</b>	10,297	8,880	7,556	7,542	8,383	7,827	5,908	3,763	2,028	102,128
<ol> <li>Beginning Balance True-Up &amp; Interest Provision</li> <li>a Deferred True-Up from October 1997 - September 1998</li> </ol>	3,943,355	3,729,868	2,768,789	2,565,935	2,450,094	1,875,017	1,695,471	1,778,289	1,990,936	1,521,568	1,104,899	531,524	3,943,355
(Schedule JA-1, Line 3) b Deferred True-Up from October 1998 - December 1998	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)	(14,963)
(Schedule 1A-2, Line 3)	65,238	65,238	65,238	65,238	65,238	65,238	65,238	65,238	65,238	65,238	65,238	65,238	65,238
8 True-Up Collected/(Refunded) (see Line 2)	(328,613)	(328,61 <u>3)</u>	(328,613)	(328,613)	(328,613)	(328,613)	(328,613)	(328,613)	(328,613)	(328,613)	(328,613)	(328,612)	(3,943,355)
9 End of Period Total True-Up (Lines 5 + 6 + 7 + 7a + 8)	3,780,143	2,819,064	2,616,210	2,500,369	1,925,292	1,745,746	1,828,564	2,041,211	1,571,843	1,155,174	581,799	354,185	354,185
10 Adjustments to Period Total True-Up Including Interest													0
11 Current Period Total Net True-Up (Lines 9 + 10)	3,780,143	2,819,064	2,616,210	2,500,369	1,92 <u>5</u> ,292	1,745,7 <u>46</u>	1,828,564	2,041,211	1,571,843	1,155,174	581,799	354,185	354,185

رت 1-1

Schedule 42-3E

Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

### Interest Provision (in Dollars)

			(10.120)	шэј									E-2-6
Line	Actual January	Actual February	Actual March	Actual <u>April</u>	Actual <u>May</u>	Actual <u>June</u>	Actual July	Actual August	Estimated September	Estimated October	Estimated <u>November</u>	Estimated December	End of Period <u>Amount</u>
Beg. True-Up Amount (Schedule 42-2E, Lines 7 + 7a +7b+ 10)	3,993,630	3,780,143	2,819,064	2,616,210	2,500,369	1,925,292	1,745,746	1,828,564	2,041,211	1,571,843	1,155,174	581,799	
2 Ending True-Up Amount Before Interest (Line 1 + Schedule 42-2E, Lines 5 + 8)	3,764,448	2,805,810	2,605,215	2,490,072	1,916,412	1,738,190	1,821,022	2,032,828	1,564,016	1,149,266	578,036	352,157	
3 Total of Beginning & Ending True-up (Lines 1 + 2)	7,758,078	6,585,953	5,424,279	5,106,282	4,416,781	3,663,482	3,566,768	3,861,392	3,605,227	2,721,109	1,733,210	933,956	
4 Average True-Up Amount (Line 3 x 1/2)	3,879,039	3,292,977	2,712,140	2,553,141	2,208,391	1,831,741	1,783,384	1,930,696	1,802,614	1,360,555	866,605	466,978	
5 Interest Rate (First Day of Reporting Business Month)	0.049000	0.048100	0.048500	0.048800	0.048000	0.048500	0.050500	0.051000	0.053200	0.051000	0.053200	0,051000	
6 Interest Rate (First Day of Subsequent Business Month)	0.048100	0.048500	0.048800	0.048000	0.048500	0.050500	0.051000	0.053200	0.051000	0.053200	0.051000	0.053200	
7 Total of Beginning and Ending Interest Rates (Line 5 + Line 6)	0.097100	0.096600	0.097300	0.096800	0.096500	0.099000	0.101500	0.104200	0.104200	0.104200	0.104200	0.104200	
8 Average Interest Rate (Line 7 x 1/2)	0.048550	0.048300	0.048650	0.048400	0.048250	0.049500	0.050750	0.052100	0.052100	0.052100	0.052100	0.052100	
9 Monthly Average Interest Rate (Line 8 x 1/12)	0.004046	0.004025	0.004054	0.004033	0.004021	0.004125	0.004229	0.004342	0.004342	0.004342	0.004342	0.004342	
10 Interest Provision for the Month (Line 4 x Line 9)	15,695	13,254	10,995	10,297	8,880	7,556	7,542	8,383	7,827	5,908	3,763	2,028	102,128

## Schedule 42-4E

## **Gulf Power Company**

Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

## Variance Report of O & M Activities

(in Dollars)

		(1) Estimated/	(2) Original	(3) Va	(4) riance
Lin	ê	Actual	Projection	Amount	Percent
	-		<u></u>	<u></u>	
1	Description of O & M Activities				
	.1 Sulfur	26,567	10,500	16,067	153.0 %
	.2 Air Emission Fees	142,078	149,332	(7,254)	(4.9) %
	.3 Title V	59,038	10,000	49,038	490.4 %
	.4 Asbestos Fees	200	5,000	(4,800)	(96.0) %
	.5 Emission Monitoring	242,009	454,800	(212,791)	(46.8) %
	.6 General Water Quality	412,713	414,990	(2,277)	(0.5) %
	.7 Groundwater Contamination Investigation	1,182,654	1,182,627	27	0.0 %
	.8 State NPDES Administration	34,500	49,500	(15,000)	(30.3) %
	.9 Lead and Copper Rule	5,852	12,000	(6,148)	(51.2) %
	.10 Env Auditing/Assessment	23,772	23,772	0	0.0 %
	.11 General Solid & Hazardous Waste	215,702	170,508	45,194	26.5 %
	.12 Above Ground Storage Tanks	38,971	25,000	13,971	55.9 %
	.13 Low Nox	1,332,939	1,301,112	31,827	2.4 %
	.14 Ash Pond Diversion Curtains	71,800	66,000	5,800	8.8 %
	.15 Mercury Emissions	14,100	0	14,100	100.0 %
	.16 Sodium Injection	<u>37,000</u>	<u>0</u>	<u>37,000</u>	<u>100.0 %</u>
2	Total O & M Activities	<u>3.839.895</u>	<u>3.875.141</u>	<u>(35.246)</u>	(0.9) %
3	Recoverable Costs Allocated to Energy	1,925,531	1,991,744	(66,213)	(3.3) %
4	Recoverable Costs Allocated to Demand	1,914,364	1,883,397	30,967	1.6 %

55 13

Notes:

Column (1) is the End of Period Totals on Schedule 42-5E

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

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

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

# Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

#### 0 & M Activities (in Dollars)

														End of		
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Period	Method of (	<u>Classificatior</u>
Lin	e	January	February	<u>March</u>	April	<u>May</u>	June	July	August	September	October [Value]	<u>November</u>	December	Total	Demand	Energy
	Description of O. P. M. Anti-Mar															
1	Description of O & M Activities	0	0	1,616	0	0	0	0	0	21,552	1,133	1,133	1,133	26 567		26,567
	.2 Air Emission Fees	0	140,170	1,010	0	0	0	0	0	21,552	1,155	1,135	1,155	26,567 142,078		142,078
	.2 All Ellission rees	0	887	4,782	3.091	1,342	2,401	2,029	854	4,678	1,908	6,978	19,178	59,038		59,038
	.4 Asbestos Fees	ŏ	0	-,782	3,091	1,542	2,401	2,029	0	200	12,010	0,978	19,178	200	200	39,038
	.5 Emission Monitoring	22,492	3.241	14,955	13,918	29,703	13,637	28,265	11.172	39,821	31,993	16,756	16,056	242,009	200	242,009
	.6 General Water Quality	10.224	40.649	23,189	14,873	11,231	21,237	47,345	10,516	58,362	58,363	58,362	58,362	412,713	412,713	242,007
	.7 Groundwater Contamination Investigation	64,118	89.233	4,121	(38)	260,074	189,261	31,012	21,231	130,910	130,910	130,910	130,912	1,182,654	1,182,654	
	.8 State NPDES Administration	34,500	0,200	0	0	200,071	0	01,012	2,,		150,710	0	0	34,500	34,500	
	.9 Lead and Copper Rule	0	59	2,277	118	59	59	384	59	2,417	140	140	140	5,852	5,852	
	.10 Env Auditing/Assessment	0	0	0	0	0	0	0	0	0	23,772	0	0	23,772	23,772	
	11 General Solid & Hazardous Waste	20,560	13,472	21,183	19,033	12,181	29,766	23,197	4,410	17.975	17,975	17,975	17,975	215,702	215,702	
	12 Above Ground Storage Tanks	0	5,949	(2,996)	1,279	21,948	2,190	10,601	0	. 0	0	. 0	. 0	38,971	38,971	
	.13 Low Nox	0	511,245	(22,500)	810	270,251	52,248	. 0	0	253,385	12,500	255,000	0	1,332,939	,	1,332,939
	.14 Ash Pond Diversion Curtains	0	0	0	0	0	0	0	0	0	71,800	0	0	71,800		71,800
	.15 Mercury Emissions	0	0	0	0	0	0	0	0	7,050	2,350	2,350	2,350	14,100		14,100
	.16 Sodium Injection	Q	0	Q	Q	Q	Q	Q	0	37.000	0	Q	Q	37,000		37,000
2	Total of O & M Activities	<u>151.894</u>	<u>804.905</u>	<u>46.627</u>	<u>53.084</u>	<u>606.789</u>	<u>310.799</u>	<u>142.833</u>	<u>48.242</u>	<u>573.350</u>	<u>365.662</u>	<u>489.604</u>	<u>246.106</u>	<u>3.839.895</u>	1.914.364	<u>1.925.531</u>
3	Recoverable Costs Allocated to Energy	22,492	655,543	(1,147)	17,819	301,296	68,286	30,294	12,026	363,486	134,502	282,217	38 717	1,925,531		
4	Recoverable Costs Allocated to Demand	129,402	149,362	47,774	35,265	305,493	242,513	112,539	36,216	209,864	231,160	207,387	,	1,914,364		
•			10,502	.,,,,,,	50,200	200,132	2.2,010		20,210		201,100	201,507	201,000	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
5	Retail Energy Jurisdictional Factor	0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0,9623018	0.9619027	0.9645837			
6	Retail Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271			
7	Jurisdictional Energy Recoverable Costs (A)	21,809	632,966	(1,109)	17,241	291,583	66,146	29,332	11,623	351,434	129,613	271,845	37,398	1,859,881		
8	Jurisdictional Demand Recoverable Costs (B)	124,851	144.109	46.094	34.025	294.748	233,983	108,581	34.942	202.482	223,029	200,093	200.095	1.847.032		
9	Total Jurisdictional Recoverable Costs															
	for O & M Activities (Lines 7 + 8)	<u>146.660</u>	<u>777.075</u>	<u>44.985</u>	<u>51.266</u>	<u>586.331</u>	<u>300.129</u>	<u>137.913</u>	<u>46.565</u>	<u>553.916</u>	352.642	<u>471.938</u>	<u>237.493</u>	3.706.913		

Notes:

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

## Schedule 42-6E

## Gulf Power Company

Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

## Variance Report of Capital Investment Projects - Recoverable Costs

(in Dollars)

Lin		(1) Estimated/	(2) Original	(3)	(4) Variance	
<u>Lin</u>	<u> </u>	Actual	Projected	<u>Amount</u>	Percent	
1	Description of Investment Projects					
	.1 Air Quality Assurance Testing	39,638	39,643	(5)	(0.0)	%
	.2 Crist 5, 6 & 7 Precipitator Projects	3,089,086	3,089,098	(12)	(0.0)	%
	.3 Crist 7 Flue Gas Conditioning	267,760	267,758	2	0.0	%
	.4 Low NOx Burners, Crist 6 & 7	2,044,670	2,044,665	5	0.0	%
	.5 CEMS - Crist 1, 4-7, 6&7 Upgrade; Scholz 1; Smith 1 & 2; Daniel	640,278	639,732	546	0.1	%
	.6 Sub. Contam. Mobile Groundwater Treat. Sys.	49,315	48,964	351	0.7	%
	.7 Crist Cooling Tower Cell	112,351	112,352	(1)	(0.0)	%
	.8 Crist 1-5 Dechlorination	39,005	39,009	(4)	(0.0)	%
	.9 Crist Diesel Fuel Oil Remediation	6,055	6,057	(2)	(0.0)	%
	.10 Crist Bulk Tanker Unload Sec Contain Struc	12,974	12,973	1	0.0	%
	.11 Crist IWW Sampling System	7,579	7,583	(4)	(0.1)	%
	.12 Smith Sodium Injection System	2,571	0	2,571	100.0	%
	.13 Smith Stormwater Collection System	353,786	353,784	2	0.0	%
	.14 Smith Waste Water Treatment Facility	21,696	21,693	3	0.0	%
	.15 Daniel Ash Management Project	2,087,465	2,074,792	12,673	0.6	%
	.16 Underground Fuel Tank Replacement	93,755	93,754	1	0.0	%
	.17 SO2 Allowances	<u>(342,663)</u>	<u>(42,712)</u>	<u>(299,951)</u>	(702.3)	%
2	Total Investment Projects - Recoverable Costs	<u>8.525,321</u>	<u>8.809.145</u>	<u>(283.824)</u>	(3.2)	%
3	Recoverable Costs Allocated to Energy	5,955,488	6,251,334	(295,846)	(4.7)	%
4	Recoverable Costs Allocated to Demand	2,569,833	2,557,811	12,022	0.5	%

## Notes:

Column (1) is the End of Period Totals on Schedule 42-7E

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

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

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

## Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

# Capital Investment Projects - Recoverable Costs (in Dollars)

														End of		
Lir		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Period	Method of (	<u>Classification</u>
1-11	<u>R</u>	January	<b>February</b>	March	April	<u>May</u>	June	July	August	September	October [Value]	November	December 1	Amount	Demand	Energy
I	Description of Investment Projects (A)															
	.1 Air Quality Assurance Testing	3,443	3,417	3,392	3,366	3,341	3,315	3,290	3,265	3,240	3,215	3,190	2.144	70 (70		
	.2 Crist 5, 6 & 7 Precipitator Projects	261,596	260,838	260,078	259,321	258,561	257,803	257.043	256,286	255.529	254,768	254.011	3,164	39,638	0	39,638
	3 Crist 7 Flue Gas Conditioning	22,637	22,578	22,520	22,460	22,402	22,343	22,284	22,225	22,166	234,708	234,011	253,252	3,089,086	0	3,089,086
	.4 Low NOx Burners, Crist 6 & 7	172,719	172,294	171,872	171,447	171,025	170.601	170,177	169,754	169,330	168.907	168,484	21,989	267,760	0	267,760
	.5 CEMS - Crist 1, 4-7, 6&7 Upgrade; Scholz 1; Smith 1	53,975	53.866	53,749	53,640	53,525	53,413	53,301	53,189	53,075	52,961	52,848	168,060	2,044,670	0	2,044,670
	.6 Sub. Contam, Mobile Groundwater Treat, Sys.	4,159	4,152	4,143	4,132	4,124	4,115	4.104	4,097	4,087	4,076	4.068	52,736	640,278	0	640,278
	.7 Crist Cooling Tower Cell	9,502	9,477	9,451	9,427	9,400	9,376	9,350	9,324	9,299	9,274	9,248	4,058	49,315	45,521	3,794
	.8 Crist 1-5 Dechlorination	3,293	3,287	3,278	3.270	3,262	3,255	3,245	3,239	3,231	3,223	3,215	9,223 3,207	112,351	103,711	8,640
	.9 Crist Diesel Fuel Oil Remediation	510	511	508	508	507	505	504	503	502	500	499	3,207	39,005	36,004	3,001
	.10 Crist Bulk Tanker Unload Sec Contain Struc	1.097	1.093	1.090	1.087	1.085	1.083	1.080	1.077	1.075	1.072	1.069	1,066	6,055 12,974	5,590	465
	.11 Crist IWW Sampling System	639	639	636	636	633	633	630	630	628	627	625	623	7,579	11,977	997
	12 Smith Sodium Injection System	0	0	0	0	0	0	Õ	0	352	705	705	809	2,571	6,997 0	582
	.13 Smith Stormwater Collection System	29,846	29,780	29,714	29,647	29,582	29,515	29,449	29,383	29,317	29,251	29,184	29,118	353,786	326.571	2,571
	.14 Smith Waste Water Treatment Facility	1,831	1,827	1,824	1.818	1.815	1.809	1,806	1,802	1,797	1,793	1,789	1,785	21.696	20.026	27,215 1,670
	.15 Daniel Ash Management Project	175,667	175,357	175,044	174,735	174,423	174,111	173,800	173,488	173,177	172,866	172,554	1,763	21,096	1,926,893	1,670
	16 Underground Fuel Tank Replacement	8,054	8,011	7,966	7,923	7,880	7,835	7,792	7,746	7,703	7.658	7.615	7.572	2,087,403 93,755	86,543	7,212
	.17 SO2 Allowances	(3.761)	(3.945)	(3,725)	(36,170)	(37,776)	(37.563)	(37,171)	(36.931)	(36,800)	(36,484)	(36,292)	(36.045)	(342,663)	60,343 0	
									1 <u>0-000-0</u>	12212221	100.1010	100,2741	130.0431	1342.0031	Ŷ	<u>(342,663)</u>
2	Total Investment Projects - Recoverable Costs	<u>745.207</u>	743.182	<u>741.540</u>	<u>707.247</u>	<u>703.789</u>	702.149	700.684	699.077	697.708	<u>696.519</u>	<u>694.861</u>	<u>693.358</u>	8.525.321	2.569.833	5.955.488
3	Recoverable Costs Allocated to Energy	528,655	527,059	525,859	492,002	488,980	487,775	486.751	485,579	494 / 47	483.007	100				
4	Recoverable Costs Allocated to Demand	216,552	216,123	215.681	215,245	214,809	214,374	213,933	485,579 213,498	484,647 213,061	483,896	482,676	481,609	5,955,488		
		210,552	210,120	210,001	213,249	419,007	217,277	213,733	413,470	215,001	212,623	212,185	211,749	2,569,833		
5	Retail Energy Jurisdictional Factor	0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837			
6	Retail Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271			
									0.50 (021)	0.7040171	0.7040271	0.9040271	0.9046271			
7	Jurisdictional Energy Recoverable Costs (B)	512,593	508,907	508,332	476,051	473,217	472,489	471,299	469,325	468,578	466,306	464,937	465,203	5,757,237		
8	Jurisdictional Demand Recoverable Costs (C)	208,935	208,521	208.095	207.674	207.254	206.834	206,408	205,989	205,567	205,144	204,722	204.301	2.479.444		
											- X 2 1 1 1	# V . T. J & &	<u>104-001</u>	4.712.799		
9	Total Jurisdictional Recoverable Costs															
	for Investment Projects (Lines 7 + 8)	721.528	717.428	716.427	683.725	680.471	679.323	677.707	675.314	674.145	671.450	669.659	669.504	8.236.681		
										and the second se	Manage N	<u></u>	1000000	<u>9-6-70-001</u>		

Notes:

 $\mathfrak{D}$ Ú,

(A) Each project's Total System Recoverable Expenses on Schedule 42-8E, Line 9
(B) Line 3 x Line 5 x 1.0014 line loss multiplier
(C) Line 4 x Line 6

Schedule 42-8E Page 1 of 17

End of

Estimated

October 199

Estimated Estimated

November December Period Amount

## Gulf Power Company

### Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

### Return on Capital Investments, Depreciation and Taxes

For Project: Air Quality Assurance Testing

P.E. 1006 (in Dollars)

Beginning of Actual Actual Actual Actual Actual Actual Actual Actual Estimated Period Amount January February March April <u>May</u> June <u>July</u> August September

•	the councilia														
	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	Ő	õ	
	c Retirements		0	0	0	0	0	0	0	0	Ō	0 0	ŏ	ň	
	d Other (A)		0	0	0	0	0	0	0	0	0	ů.	ŏ	ŏ	
	e Salvage										-	•	Ť	5	
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)	(170,799)	(173,646)	(176,492)	(179,339)	(182,185)	(185,031)	(187,877)	(190,723)	(193,569)			(202,110)	(204,957)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	Ó	0	0	0	0	(177,205)	(	(201,957)	
5	Net Investment (Lines 2 - 3 + 4)	68,316	65,469	62,623	59,776	56,930	54,084	51,238	48,392	45,546	42,699	39,852	37,005	34,158	
							· · · · ·					57,052	51,005	54,150	
6	Average Net Investment		66,893	64,046	61,200	58,353	55,507	52,661	49,815	46,969	44,123	41,276	38,429	35,582	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (C	2)	400	383	366	349	332	315	298	281	264	247	230	213	3,678
	b Debt Component (Line 6 x 3.5137% x 1/12)		196	188	179	171	163	154	146	138	129	121	113	104	1,802
															1,002
8	Investment Expenses														
	a Depreciation		٥	0	0	0	0	0	0	0	0	0	0	0	0
	b Amortization		2,847	2,846	2,847	2,846	2,846	2,846	2,846	2,846	2,847	2,847	2,847	2,847	34,158
	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	ő
	e Other (D)		0	0	0	0	0	0	0	0	0	0	0	0	<u>0</u>
9	Total System Recoverable Expenses (Lines 7 + 8	}	3,443	3,417	3,392	3,366	3,341	3,315	3,290	3,265	3,240	3,215	3,190	3,164	39,638
	a Recoverable Costs Allocated to Energy		3,443	3,417	3,392	3,366	3,341	3,315	3,290	3,265	3,240	3,215	3,190	3,164	39,638
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0,215	5,150	0	,,,,,,, 0
										-	-			ů,	0
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		3,338	3,299	3,279	3,257	3,233	3,211	3,186	3,156	3,133	3,098	3,073	3,056	38,319
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)	3,338	3,299	3,279	3,257	3,233	3,211	3,186	3,156	3,133	3,098	3,073	3,056	38,319

Notes:

Line

I Investments

Description

(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

Schedule 42-8E Page 2 of 17

## Gulf Power Company

## Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

<u>Lin</u> 1		Beginning of Period Amount	Actual January	Actual <u>February</u>	Actual <u>March</u>	Actual <u>April</u>	Actual <u>May</u>	Actual June	Actual July	Actual August	Estimated September	Estimated October	Estimated November	Estimated December	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) e Salvage														
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	24 440 025				
3	Less: Accumulated Depreciation (B)	(4,590,187)	(4,675,373)	(4,760,559)	(4,845,744)	(4,930,930)	(5,016,115)	(5,101,301)	24,440,825	(5,271,672)	24,440,825 (5,356,859)	24,440,825 (5,442,045)	24,440,825 (5,527,232)	24,440,825 (5,612,419)	
4	CWIP - Non Interest Bearing	0	0	(1,100,557)	(1,010,711)	(1,20,20)	(0,010,115)	(5,101,501)	(3,180,480)	(3,271,072)	(3,330,839)	(3,442,043)	(3,327,232)	(3,012,419)	
5	Net Investment (Lines 2 - 3 + 4)	19,850,638	19,765,452	19,680,266	19,595,081	19,509,895	19,424,710	19,339,524	19,254,339	19,169,153	19,083,966	18,998,780	18.913.593	18,828,406	
	_														
6	Average Net Investment		19,808,045	19,722,859	19,637,674	19,552,488	19,467,303	19,382,117	19,296,932	19,211,746	19,126,560	19,041,373	18,956,187	18,871,000	
7	Return on Average Net Investment														
,	a Equity Component Grossed Up For Taxes	(C)	118,412	117,903	117,394	116,885	116,376	115,866	115,357	114.848	114.339	112 830	112 220		1 207 2 40
	<ul> <li>b Debt Component (Line 6 x 3.5137% x 1/12)</li> </ul>		57,998	57,749	57,499	57,250	57,000	56,751	56,501	56,252	56,003	113,829 55,753	113,320 55,504	112,811 55,254	1,387,340 679,514
	· · · · · · · · · · · · · · · · · · ·	-,			,	.,	27,000		20,301	20,222	50,005	55,155	55,504	33,234	079,314
8	Investment Expenses														
	a Depreciation		71,293	71,294	71,293	71,294	71,293	71,294	71,293	71,294	71,294	71,294	71,294	71,295	855,525
	b Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Dismantlement d Property Taxes		13,893	13,892	13,892	13,892	13,892	13,892	13,892	13,892	13,893	13,892	13,893	13,892	166,707
	d Property Taxes e Other (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
		-	U	U	. 0	<u> </u>	Ū.	<u> </u>	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 +	8)	261,596	260,838	260,078	259,321	258,561	257,803	257,043	256,286	255,529	254,768	254.011	253,252	3,089,086
	a Recoverable Costs Allocated to Energy	,	261,596	260,838	260,078	259,321	258,561	257,803	257,043	256,286	255,529	254,768	254,011	253,252	3,089,086
	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		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demanu All'ISCICOODAL PACIOF		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		253,648	251,855	251,409	250,913	250,226	249,724	248,883	247,707	247.057	245,507	244,676	244,625	2,986,230
13	Retail Demand-Related Recoverable Costs (F)		0	0	0		0	0	240,005	247,707	0	243,307	244,070	244,023	2,700,230
14	Total Jurisdictional Recoverable Costs (Lines 1	2+13)	253,648	251,855	251,409	250,913	250,226	249,724	248,883	247,707	247,057	245,507	244,676	244,625	2,986,230
		-													-,

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

Schedule 42-8E Page 3 of 17

#### Gulf Power Company Environmental Cost Recovery Clause (ECRC)

## Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

Lin 1	Beginning of e <u>Description</u> <u>Period Amount</u> Investments	Actual January	Actual February	Actual <u>March</u>	Actual <u>April</u>	Actual <u>May</u>	Actual June	Actual <u>July</u>	Actual <u>August</u>	Estimated September	Estimated October	Estimated November	Estimated December	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	Ő	ŏ	ŏ	ŏ	ő	
	c Retirements	0	0	0	0	0	0	0	0	õ	ŏ	ŏ	ő	
	d Other (A)	0	0	0	0	0	0	0	0	0	0	0	Ő	
	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) (376,092)	(382,699)	(389,306)	(395,914)	(402,521)	(409,128)	(415,736)	(422,343)	(428,950)	(435,557)	(442,164)	(448,771)	(455,378)	
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) 1,803,153	1,796,546	1,789,939	1,783,331	1,776,724	1,770,117	1,763,509	1,756,902	1,750,295	1,743,688	1,737,081	1,730,474	1,723,867	
6	Average Net Investment	1,799,850	1,793,243	1,786,635	1,780,028	1,773,421	1,766,813	1,760,206	1,753,599	1,746,992	1,740,385	1,733,778	1,727,171	
7	Return on Average Net Investment													
	a Equity Component Grossed Up For Taxes (C)	10,760	10,720	10,681	10,641	10,602	10,562	10,523	10,483	10,444	10,404	10,365	10,325	126,510
	b Debt Component (Line 6 x 3.5137% x 1/12)	5,270	5,251	5,231	5,212	5,193	5,173	5,154	5,135	5,115	5,096	5,077	5,057	61,964
	In the second Provide the second													
8	Investment Expenses	6.766	( 202	( ) ( )	( ) (7	< 3.0 <b>0</b>	< <b>1</b> - <b>1</b>							
	a Depreciation b Amortization	6,356 0	6,357	6,357 0	6,357 0	6,357	6,357	6,357	6,357	6,357	6,357	6,357	6,357	76,283
	c Dismantlement	251	250	251	250	0 250	0 251	0 250	0 250	0	0	0	0	0
	d Property Taxes	251	2.50	231	250	250	251	250		250	250	250	250	3,003
	e Other (D)	Ň	0	0	0	0	0	0	0	0	0	U	0	0
		V		U			0	0				<u> </u>	. 0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	22,637	22,578	22,520	22.460	22,402	22,343	22,284	22,225	22,166	22,107	22.049	21,989	267,760
	a Recoverable Costs Allocated to Energy	22,637	22,578	22,520	22,460	22,402	22,343	22,284	22,225	22,166	22,107	22,049	21,989	267,760
	b Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0		22,042	21,209	207,700
									•	•	Ŭ	v	v	v
10	Energy Jurisdictional Factor	0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12		21,949	21,800	21,769	21,732	21,680	21,643	21,577	21,481	21,431	21,303	21,239	21,240	258,844
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)	21,949	21,800	21,769	21,732	21,680	21,643	21,577	21,481	21,431	21,303	21,239	21,240	258,844
	-													

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

Schedule 42-8E Page 4 of 17

#### Gulf Power Company

### Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

Lin	~ ~ ~	zinning of od Amount	Actual January	Actual February	Actual March	Actual <u>April</u>	Actual <u>May</u>	Actual June	Actual July	Actual <u>August</u>	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Amount
1	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		ō	0	Ū	ō	Ō	õ	ō	ŏ	ŏ	ő	ő	0	
	c Retirements														
	d Other (A)														
•	e Salvage		10 000 000	1/ 20/ 2/0	1/ 20/ 2/0	10 000 200	16 206 260	14 004 040							
2			16,296,360 (2,264,304)	16,296,360 (2,311,840)	16,296,360 (2,359,378)	16,296,360 (2,406,914)	16,296,360 (2,454,451)	16,296,360 (2,501,987)	16,296,360 (2,549,523)	16,296,360 (2,597,059)	16,296,360	16,296,360	16,296,360	16,296,360	
4	CWIP - Non Interest Bearing (2)	C,210,700)	(2,204,204)	(2,311,040)	(2,339,378)	(2,400,914)	(2, <del>434,43</del> 1) A	(2,301,307)	(2,349,323)	(2,397,039)	(2,644,595)	(2,692,131)	(2,739,667)	(2,787,203)	
5		1,079,594	14,032,056	13,984,520	13,936,982	13,889,446	13,841,909	13,794,373	13,746,837	13,699,301	13,651,765	13,604,229	13,556,693	13,509,157	
		<u> </u>		••••									10,000,075	10,203,127	
6	Average Net Investment		14,055,825	14,008,288	13,960,751	13,913,214	13,865,678	13,818,141	13,770,605	13,723,069	13,675,533	13,627,997	13,580,461	13,532,925	
-															
7	Return on Average Net Investment		84.026	82 742	07 467	83,173	83.880	82 605		aa aa 7					
	<ul> <li>Equity Component Grossed Up For Taxes (C)</li> <li>Debt Component (Line 6 x 3.5137% x 1/12)</li> </ul>		84,026 41,155	83,742 41,016	83,457 40,877	40.738	82,889 40,599	82,605 40,460	82,321 40,320	82,037 40,181	81,752 40,042	81,468 39,903	81,184 39,764	80,900 39,624	989,554
			41,100	41,010	-10,077	40,750	40,333	40,400	40,520	40,101	40,042	37,703	39,704	39,024	484,679
8	Investment Expenses														
	a Depreciation		47,538	47,536	47,538	47,536	47,537	47,536	47,536	47,536	47,536	47,536	47,536	47,536	570,437
	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	<u> </u>	0	0	0	. 0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		172,719	172,294	171.872	171,447	171.025	170,601	170,177	169,754	169,330	168,907	168,484	168,060	2,044,670
	a Recoverable Costs Allocated to Energy		172,719	172,294	171,872	171,447	171,025	170,601	170,177	169,754	169,330	168,907	168,484	168,060	2,044,670
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		167,471	166,360	166,143	165,888	165,512	165,255	164,775	164,072	163,716	162,767	162,292	162,335	1 076 696
13	Retail Demand-Related Recoverable Costs (E)		07,471	00,000		105,000	105,512	105,205	104,775	104,072 D	105,710	102,707	102,292	102,335	1,976,586
	Total Jurisdictional Recoverable Costs (Lines 12 +	13) -	167,471	166,360	166,143	165,888	165,512	165,255	164,775	164,072	163,716	162,767	162,292	162,335	1,976,586
		· -	, -		, -	, -							,		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

 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

Schedule 42-8E Page 5 of 17

#### Gulf Power Company

#### Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

#### Return on Capital Investments, Depreciation and Taxes For Project: CEMS - Crist 1, 4-7, 6&7 Upgrade; Scholz 1; Smith 1 & 2; Daniel P.E.s 1164, 1240, 1245, 1286, 1289, 1290, 1323, 1459, 1460 & 1558 (in Dollars)

Line	Beginning Description Period Amo		Actual February	Actual <u>March</u>	Actual April.	Actual <u>May</u>	Actual June	Actual July	Actual August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Amount
L	Investments													
	a Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements	0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal	0	0	0	0	0	0	0	0	0	0	0	0	
•	e Salvage	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base 4,880,15		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	4,880,153	4,880,153	
5	Less: Accumulated Depreciation (B) (420,00		(445,377)	(458,063)	(470,753)	(483,441)	(496,129)	(508,818)	(521,508)	(534,197)	(546,886)	(559,575)	(572,265)	
-	CWIP - Non Interest Bearing	0 0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4) 4,460,15	0 4,447,465	4,434,776	4,422,090	4,409,400	4,396,712	4,384,024	4,371,335	4,358,645	4,345,956	4,333,267	4,320,578	4,307,888	
6	Average Net Investment	4,453,808	4,441,121	4,428,433	4,415,745	4,403,056	4,390,368	4,377,680	4,364,990	4,352,301	4,339,612	4,326,923	4,314,233	
7	Return on Average Net Investment													
	a Equity Component Grossed Up For Taxes (C)	26,625	26,549	26,473	26,397	26,321	26,246	26,170	26,094	26,018	25,942	25,866	25,790	314,491
	b Debt Component (Line 6 x 3.5137% x 1/12)	13,041	13,004	12,966	12,929	12,892	12,855	12,818	12,781	12,744	12,706	12,669	12,632	154.037
									•	,		,•+>	,	10 1105 7
8	Investment Expenses													
	a Depreciation	12,685	12,689	12,686	12,690	12,688	12,688	12,689	12,690	12,689	12,689	12,689	12,690	152,262
	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	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	19,488
	e Other (D)	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total Senter Bernardele Derenard (Line 7 + 0)	63.076	<b>53</b> 0.67	<b>63 340</b>	<b>60</b> < 40									
9	Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Energy	53,975 53,975	53,866 53,866	53,749 53,749	53,640	53,525	53,413	53,301	53,189	53,075	52,961	52,848	52,736	640,278
	b Recoverable Costs Allocated to Demand	33,973	33,800 0	33,749	53,640 0	53,525 0	53,413 0	53,301 0	53,189	53,075	52,961	52,848	52,736	640,278
	V ACCONTROL COSIS ANOLAICA IO DEMAIN	Ŭ	v	v	0	U	U	U	0	0	0	0	0	0
10	Energy Jurisdictional Factor	0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9623018	0.9619027		
		0.00108/1		0.7010271	0.00106/1	0.7010171	0.9010271	0.20702/1	0.70402/1	0.7090271	v.70904/1	0.90462/1	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)	52,335	52,011	51,958	51,901	51,800	51,739	51,609	51,409	51,315	51,036	50,906	50,940	618.959
13	Retail Demand-Related Recoverable Costs (F)	0	0	0	0	0	0	0	J1,409 0	0	51,050 0	50,500	JU,940	VC6,610
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	52,335	52,011	51,958	51,901	51,800	51,739	51.609	51,409	51,315	51,036	50,906	50,940	618,959
						1,000		. 1,007	21,407		51,050	50,900	50,940	010,939

Notes:

57

(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

Schedule 42-8E Page 6 of 17

#### Gulf Power Company

#### Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

#### Return on Capital Investments, Depreciation and Taxes For Project: Sub. Contam. Mobile Groundwater Treat. Sys. P.E. 1007 & 3400

(in Dollars)

Lir	Beginning of Description Period Amount	Actual January	Actual February	Actual March	Actual <u>April</u>	Actual May	Actual June	Actual July	Actual	Estimated	Estimated	Estimated	Estimated	End of
1	Investments	<u>7023000 7</u>	<u>r voruer r</u>	Manut.	<u>04411</u>	May	<u>Altrac</u>	<u>101Å</u>	August	September	October	November	<u>December</u>	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	Ō	ŏ	0	õ	
	c Retirements	0	0	0	0	0	0	0	0	0	0	Ō	ŏ	
	d Other (A)	0	0	0	0	0	0	0	0	0	0	0	0	
_	e Salvage													
2	Plant-in-Service/Depreciation Base 369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	369,649	
3	Less: Accumulated Depreciation (B) (17,804)	(18,835)	(19,867)	(20,899)	(21,930)	(22,961)	(23,993)	(25,023)	(26,055)	(27,086)	(28,116)	(29,147)	(30,177)	1
4	CWIP - Non Interest Bearing     0       Net Investment (Lines 2 - 3 + 4)     351,845	0	0	0	0	0	0	0	0	0	0	0	0	-
2	Net Investment (Lines 2 - 3 + 4)351,845	350,814	349,782	348,750	347,719	346,688	345,656	344,626	343,594	342,563	341,533	340,502	339,472	-
6	Average Net Investment	351,330	350,299	349,267	348,235	347,204	346,173	345,141	344,111	343,079	342,048	341,018	339,987	
7	Return on Average Net Investment													
	a Equity Component Grossed Up For Taxes (C)	2,100	2,094	2,088	2,082	2,076	2,069	2,064	2,057	2,051	2,045	2,038	2,033	24,797
	b Debt Component (Line 6 x 3.5137% x 1/12)	1,028	1,026	1,023	1,019	1,017	1,014	1,010	1,008	1,005	1,001	999	995	12,145
8	Investment Expenses													
	a Depreciation	896	896	897	895	896	896	895	896	896	895	896	895	10,749
	b Amortization	135	136	135	136	135	136	135	136	135	135	135	135	1,624
	c Dismantlement	0	0	0	0	0	0	0	0	0	0		155	1,024
	d Property Taxes	0	0	0	0	0	0	Ó	Ō	ŏ	õ	ő	ő	0
	e Other (D)	0	0	0	0	0	0	0	0	0	0	Ō	õ	ŏ
~										·				
9	Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Energy	4,159	4,152	4,143	4,132	4,124	4,115	4,104	4,097	4,087	4,076	4,068	4,058	49,315
	a Recoverable Costs Allocated to Energy     b Recoverable Costs Allocated to Demand	320	320	318	318	318	316	316	315	314	314	313	312	3,794
	<ul> <li>Recoverable Costs Allocated to Demand</li> </ul>	3,839	3,832	3,825	3,814	3,806	3,799	3,788	3,782	3,773	3,762	3,755	3,746	45,521
10	Energy Jurisdictional Factor	0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9619027	0.9648271	
											0.0010271	0.2070271	0.3070471	
12		310	309	307	308	308	306	306	304	304	303	301	301	3,667
13		3,704	3,697	3,690	3,680	3,672	3,665	3,655	3,649	3,640	3,630	3,623	3,614	43,919
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	4,014	4,006	3,997	3,988	3,980	3,971	3,961	3,953	3,944	3,933	3,924	3,915	47,586

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

Schedule 42-8E Page 7 of 17

#### Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount

January 1999 - December 1999

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

Lin	e Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Amount
1	Investments													P. PP. PROVINCE	renou ranoun
	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	0	0	
•	e Salvage														
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)	(157,742)	(160,586)	(163,431)	(166,275)	(169,120)	(171,964)	(174,809)	(177,654)	(180,499)	(183,344)	(186,189)	(189,034)	(191,879)	
4 5	CWIP - Non Interest Bearing Net Investment (Lines 2 - 3 + 4)	0	0	. 0	0	0	0	0	0	0	0	0	0	0	-
3	Net investment (Lines 2 - 3 + 4)	748,917	746,073	743,228	740,384	737,539	734,695	731,850	729,005	726,160	723,315	720,470	717,625	714,780	
6	Average Net Investment		747,495	744,651	741,806	738,962	736,117	733,273	730,428	727,583	724,738	721,893	719,048	716,203	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes	s (C)	4,469	4,452	4,435	4,418	4,401	4,384	4,366	4,349	4,332	4,315	4,298	4,281	52,500
	b Debt Component (Line 6 x 3.5137% x 1/1	12)	2,189	2,180	2,172	2,164	2,155	2,147	2,139	2,130	2,122	2,114	2,105	2,097	25,714
8	Investment Expenses														
	a Depreciation		2,644	2,645	2,644	2,645	2,644	2,645	2,645	2,645	2,645	2,645	2,645	2,645	31,737
	b Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Dismantlement		200	200	200	200	200	200	200	200	200	200	200	200	2,400
	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	0
9	Total System Recoverable Expenses (Lines 7	+ 8)	9,502	9,477	9,451	9,427	9,400	9,376	9,350	9,324	9,299	9,274	9,248	9,223	112,351
	a Recoverable Costs Allocated to Energy		731	729	727	725	723	721	719	717	715	713	711	709	8,640
	b Recoverable Costs Allocated to Demand		8,771	8,748	8,724	8,702	8,677	8,655	8,631	8,607	8,584	8,561	8,537	8,514	103,711
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12			709	704	703	701	700	698	696	693	691	687	685	685	8,352
13	Retail Demand-Related Recoverable Costs (F)		8,462	8,440	8,417	8,396	8,372	8,351	8,327	8,304	8,282	8,260	8,237	8,215	100,063
14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	9,171	9,144	9,120	9,097	9,072	9,049	9,023	8,997	8,973	8,947	8,922	8,900	108,415

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

#### Gulf Power Company

### Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

Lin		Beginning of Period Amoun		Actual February	Actual March	Actual <u>April</u>	Actual <u>May</u>	Actual	Actual July	Actual <u>August</u>	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Amount
1	Investments														
	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
•	e Salvage														
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)	(35,024)	(35,914)	(36,805)	(37,695)	(38,586)	(39,476)	(40,367)	(41,257)	(42,148)	(43,039)	(43,930)	(44,821)	(45,712)	
4	CWIP - Non Interest Bearing Net Investment (Lines 2 - 3 + 4)	0	0	0	0	0	0	0	0	0	0	0	0	0	
,	Net investment (Lines 2 - 3 + 4)	270,299	269,409	268,518	267,628	266,737	265,847	264,956	264,066	263,175	262,284	261,393	260,502	259,611	
6	Average Net Investment		269,854	268,964	268,073	267,183	266,292	265,402	264,511	263,621	262,730	261,839	260,948	260,057	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Tax	es (C)	1,613	1,608	1,603	1,597	1,592	1,587	1,581	1,576	1,571	1,565	1,560	1,555	19,008
	b Debt Component (Line 6 x 3.5137% x 1	/12)	790	788	785	782	780	777	774	772	769	767	764	761	9,309
	In a second D														
8	Investment Expenses		0.00	001											
	a Depreciation b Amortization		890 0	891	890	891	890	891	890	891	891	891	891	891	10,688
	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	0
			•	V	0	<u> </u>	<u>v</u>	. 0	<u> </u>	<u> </u>	U U			U	
9	Total System Recoverable Expenses (Lines 7	7 + 8)	3,293	3,287	3,278	3,270	3,262	3,255	3,245	3.239	3,231	3,223	3,215	3,207	39,005
	a Recoverable Costs Allocated to Energy		253	253	252	252	251	250	250	249	249	248	247	247	3.001
	b Recoverable Costs Allocated to Demand	l	3,040	3,034	3,026	3,018	3,011	3,005	2,995	2,990	2,982	2,975	2,968	2,960	36,004
10	Energy Jurisdictional Factor		0.9682617	0.0642104	0.0(12)178	0.000000	0.000000	0.0772002	0.0440007						
	Demand Jurisdictional Factor		0.9682617	0.9642104 0.9648271	0.9653178 0.9648271	0.9662259 0.9648271	0.9664104 0.9648271	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
.1	Demand and Isticulutat Pactor		0.9048271	0.9046271	0.9048271	0.90482/1	0.9048271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)	1	245	244	244	244	243	242	242	241	241	239	238	239	2,902
	Retail Demand-Related Recoverable Costs (I		2,933	2,927	2,920	2,912	2,905	2,899	2,890	2,885	2,877	2,870	2,864	2,856	34,738
	Total Jurisdictional Recoverable Costs (Line		3,178	3,171	3,164	3.156	3,148	3.141	3,132	3,126	3,118	3,109	3,102	3,095	37,640
	(		0,010	5,171	5,101	3,100	5,140	5,171	3,152	2,120	5,110	5,107	5,102	3,093	57,040

#### totes:

70

(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 42-8E Page 8 of 17

Schedule 42-8E Page 9 of 17

## Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

(ນກ	Doil	lars)

Lin	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual <u>May</u>	Actual June	Actual July	Actual August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Amount
1	Investments						_		-				111111111111		1. VIIV ( JIIIVIII)
	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	0	0	
	e Salvage														
	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	
3	Less: Accumulated Depreciation (B) CWIP - Non Interest Bearing	(6,158)	(6,297)	(6,437)	(6,576)	(6,716)	(6,856)	(6,996)	(7,136)	(7,276)	(7,416)	(7,556)	(7,696)	(7,836)	l
	Net Investment (Lines 2 - 3 + 4)	41,797	0 41,658	41,518	41,379	41,239	41,099	0	0	0	0	0	0	0	-
,	Het myestment (Lines 2 - 3 + 4)	41,/97	41,038	41,518	41,579	41,239	41,099	40,959	40,819	40,679	40,539	40,399	40,259	40,119	-
6	Average Net Investment		41,728	41,588	41,449	41,309	41,169	41,029	40,889	40,749	40,609	40,469	40,329	40,189	
1	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxe	es (C)	249	249	248	247	246	245	244	244	243	242	241	240	2,938
	b Debt Component (Line 6 x 3.5137% x 1	/12)	122	122	121	121	121	120	120	119	119	118	118	118	1,439
8	Investment Expenses														
	a Depreciation		139	140	139	140	140	140	140	140	140	140	140	140	1,678
	b Amortization		0	0	0	0	0	0	0	0	0	0	0	0	1,070
	c Dismantlement		0	0	0	0	0	0	Ó	Ō	Ő	Ō	ō	õ	ő
	d Property Taxes		0	0	0	0	0	0	0	0	Ó	Ō	Ō	ō	0
	e Other (D)	-	0	0	0	0	0	0	0	0	0	0	0	Ő	0
9	Total System Recoverable Expenses (Lines 7	(+ <b>8</b> )	510	511	508	508	507	505	504	503	502	500	499	409	( ) ( )
	a Recoverable Costs Allocated to Energy	1 0)	39	39	39	39	39	39	39	39	39	38	499	498 38	6,055
	b Recoverable Costs Allocated to Demand		471	472	469	469	468	466	465	464	463	462	461		465 5,590
				472	102		400	400	405	-0-	403	402	401	400	3,390
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		38	38	38	38	38	20	70	10	20				
	Retail Demand-Related Recoverable Costs (E)		454	455	453	453	- 38 452	38	38	38	38	37	37	37	453
	Total Jurisdictional Recoverable Costs (Lines		454	455	403	403	452	450	449	448	447	446	445	444	5,396
14	total furisulcional Recoverable Costs (Lines	(12 T 15)	492	493	491	491	490	488	48/	480	485	485	482	481	5,849

#### votes;

ine a

(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 9x Line 10 x 1.0014 line loss multiplier

Schedule 42-8E Page 10 of 17

#### Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

Lin 1		ginning of iod Amount	Actual January	Actual <u>February</u>	Actual <u>March</u>	Actual <u>April</u>	Actual <u>May</u>	Actual June	Actual July	Actual <u>August</u>	Estimated September	Estimated October	Estimated November	Estimated December	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	0	0	
	e Salvage														
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)	(11,572)	(11,869)	(12,165)	(12,461)	(12,757)	(13,053)	(13,349)	(13,645)	(13,941)	(14,237)	(14,533)	(14,829)	(15,125)	
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)	89,923	89,626	89,330	89,034	88,738	88,442	88,146	87,850	87,554	87,258	86,962	86,666	86,370	
6	Average Net Investment		89,775	89,478	89,182	88,886	88,590	88,294	87,998	87,702	87,406	87,110	86,814	86,518	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (C)	)	537	535	533	531	530	528	526	524	523	521	519	517	6,324
	b Debt Component (Line 6 x 3.5137% x 1/12)		263	262	261	260	259	259	258	257	256	255	254	253	3,097
8	Investment Expenses														
ĩ	a Depreciation		297	296	296	296	296	296	296	296	296	296	296	296	3,553
	b Amortization		0	0	2,0	0	0	2,0	2,0	2,0	250	270	290	290	3,333
	c Dismantlement		ō	Ō	0	õ	õ	Ő	ő	õ	ů	ő	ő	0	0
	d Property Taxes		ō	Ō	Ó	Ő	Ő	Ō	ŏ	ŏ	ŏ	ő	ů	ň	ő
	e Other (D)		0	0	0	0	0	Ō	Ō	0	ō	ő	ŏ	ů	ů
		-													
9	Total System Recoverable Expenses (Lines 7 + 8)		1,097	1,093	1,090	1,087	1,085	1,083	1,080	1,077	1,075	1,072	1,069	1,066	12,974
	a Recoverable Costs Allocated to Energy		84	84	84	84	83	83	83	83	83	82	82	82	997
	b Recoverable Costs Allocated to Demand		1,013	1,009	1,006	1,003	1,002	1,000	997	994	992	990	987	984	11,977
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		81	81	81	81	80	80	80	80	80	79	79	79	961
13	Retail Demand-Related Recoverable Costs (F)		977	974	971	968	967	965	962	959	957	955	952	949	11,556
14	Total Jurisdictional Recoverable Costs (Lines 12 +	- 13) - "	1,058	1,055	1,052	1,049	1,047	1,045	1,042	1,039	1,037	1,034	1,031	1,028	12,517
	•	-													

Jotes:

72

(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

#### Schedule 42-8E Page 11 of 17

#### Guil Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

Lin 1		Beginning of tried Amount	Actual January	Actual February	Actual <u>March</u>	Actual April	Actual May	Actual June	Actual July	Actual August	Estimated September	Estimated <u>October</u>	Estimated <u>November</u>	Estimated December	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	ŏ	Ő	ŏ	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	ō	
	d Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
	e Salvage														
2	Plant-in-Service/Depreciation Base	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	\$9,543	59,543	59,543	59,543	59,543	
3	Less: Accumulated Depreciation (B)	(7,112)	(7,285)	(7,459)	(7,632)	(7,806)	(7,979)	(8,153)	(8,326)	(8,500)	(8,674)	(8,848)	(9,022)	(9,196)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	52,431	52,258	52,084	51,911	51,737	51,564	51,390	51,217	51,043	50,869	50,695	50,521	50,347	_
6	Average Net Investment		52,345	52,171	51,998	51,824	51,651	51,477	51,304	51,130	50,956	50,782	50,608	50,434	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (	C)	313	312	311	310	309	308	307	306	305	304	303	301	3,689
	b Debt Component (Line 6 x 3.5137% x 1/12)	ł	153	153	152	152	151	151	150	150	149	149	148	148	1,806
8	Investment Expenses														
•	a Depreciation		173	174	173	174	173	174	173	174	174	174	174	174	2,084
	b Amortization		0	0	0	0	0	0	0	0	0	0		0	2,004
	c Dismantlement		0	0	0	Û	0	Ō	0	Õ	õ	ŏ	ů.	Ő	õ
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	Ō	ō	ŏ
	e Other (D)	_	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8	n	639	639	636	636	633	633	630	630	628	627	625	623	7.570
	a Recoverable Costs Allocated to Energy	~	49	49	49	49	49	49	48	48	48	48	48	48	7,579 582
	b Recoverable Costs Allocated to Demand		590	590	587	587	584	584	582	582	580	579	<b>4</b> 8 577	575	6,997
						•••	•••		502	202	500	,,,	577	575	0,997
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		48	47	47	47	47	47	46	46	46	46	46	46	559
13	Retail Demand-Related Recoverable Costs (F)		569	569	566	566	563	563	562	562	560	559	557	555	6,751
14	Total Jurisdictional Recoverable Costs (Lines 12	+ 13)	617	616	613	613	610	610	608	608	606	605	603	601	7,310
		-													1

#### votes:

(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

υ. Έ

## Gulf Power Company

#### Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

#### Return on Capital Investments, Depreciation and Taxes For Project: Smith Sodium Injection System P.E. 1413 (in Dollars)

Lin		Beginning of eriod Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual	Actual July	Actual August	Estimated September	Estimated <u>October</u>	Estimated November	Estimated December	End of Period Amount
1	Investments									LEADER		2			
	a Expenditures/Additions		0	0	0	0	0	0	0	0	79,114	0	0	0	
	b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	79,114	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	
_	e Salvage														
2	Plant-in-Service/Depreciation Base	0	0	0	0	0	0	0	0	0	0	0	79,114	79,114	
3	Less: Accumulated Depreciation (B)	0	0	0	0	0	0	0	0	0	0	0	0	(105)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	79,114	79,114	0	0	_
5	Net Investment (Lines 2 - 3 + 4)	0	0	0	0	0	0	0	0	0	79,114	79,114	79,114	79,009	-
6	Average Net Investment		0	0	0	0	0	0	0	0	39,557	79,114	79,114	79,062	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (	(C)	0	0	0	0	0	0	0	0	236	473	473	473	1,655
	b Debt Component (Line 6 x 3.5137% x 1/12	2)	0	0	0	0	0	0	0	0	116	232	232	231	811
8	Investment Expenses														
	a Depreciation		0	0	0	0	0	0	0	0	0	0	0	105	105
	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	
9	Total System Recoverable Expenses (Lines 7 +	9)	٥	0	0	0	٨	0	0	0	352	705	705	0.00	
,	a Recoverable Costs Allocated to Energy	5)	ŏ	ŏ	ŏ	ő	0	0	0	0	352	705	703	809 809	2,571 2,571
	b Recoverable Costs Allocated to Demand		ő	ő	ŏ	ŏ	0	0	ů 0	0	352 Û	,03	,03	609 N	2,371
	· Reportantio Costo / Reported to Donalid		v	v	Ū	v	0	0	v	Ŭ	U	U	U	U	U
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
									5.7010271	0.7010271	0.70102/1	0.90402/1	0.2010271	0.9040271	
12	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	340	679	679	781	2,479
13	Retail Demand-Related Recoverable Costs (F)		0	0	Ō	ŏ	ŏ	õ	ŏ	ŏ	0	0	0	0	2,479
14	Total Jurisdictional Recoverable Costs (Lines 12	2 + 13)	0	0	Ö	0		0	0	0	340	679	679	781	2,479
		,	-			· · · · ·					5.00				4,777

 $-\mathbf{J}$ 5

 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

Schedule 42-8E Page 12 of 17

#### Schedule 42-8E Page 13 of 17

#### Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

<u>Line</u> I	Description	Beginning of Period Amount	Actual January	Actual February	Actual <u>March</u>	Actual April	Actual <u>May</u>	Actual <u>June</u>	Actual July	Actual August	Estimated September	Estimated <u>October</u>	Estimated November	Estimated December	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	Ō	Õ	ő	ů	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	õ	
	d Other (A)		0	0	0	0	0	0	0	0	0	0	0	Ő	
	e Salvage														
	Plant-in-Service/Depreciation Base	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	
	Less: Accumulated Depreciation (B)	(260,975)	(268,397)	(275,818)	(283,240)	(290,661)	(298,082)	(305,503)	(312,924)	(320,345)	(327,766)	(335,187)	(342,608)	(350,029)	
	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	. 0	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	2,521,625	2,514,203	2,506,782	2,499,360	2,491,939	2,484,518	2,477,097	2,469,676	2,462,255	2,454,834	2,447,413	2,439,992	2,432,571	
6	Average Net Investment		2,517,914	2,510,493	2,503,071	2,495,650	2,488,229	2,480,808	2,473,387	2,465,966	2,458,545	2,451,124	2,443,703	2,436,282	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxe	≍ (C)	15,052	15,008	14,963	14,919	14,875	14,830	14,786	14,742	14.697	14,653	14.608	14,564	177,697
	b Debt Component (Line 6 x 3.5137% x 1/	(12)	7,372	7,351	7,329	7,307	7,286	7,264	7,242	7,220	7,199	7,177	7,155	7,133	87,035
8	Investment Expenses														
	a Depreciation		7,422	7,421	7,422	7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	7,421	89,054
	b Amortization		0	0	0	0	0	0	.,	0	0	.,	0	0	0 <i>9</i> ,004 N
	c Dismantlement		0	0	0	0	Ó	Ō	Ó	Ō	Ď	Ő	õ	õ	õ
	d Property Taxes		0	0	0	0	0	0	0	Ō	Ő	ō	ŏ	ő	õ
	e Other (D)			0	0	0	0	0	0	0	0	0	0	Ō	Ō
9	Total System Recoverable Expenses (Lines 7	+ 8)	29,846	29,780	29,714	29.647	29,582	29,515	29,449	29,383	29,317	29,251	29,184	29,118	353,786
	a Recoverable Costs Allocated to Energy	-,	2,296	2,291	2,286	2,281	2,276	2,270	2,265	2,260	2,255	2,250	2,245	2,240	27,215
	b Recoverable Costs Allocated to Demand		27,550	27,489	27,428	27,366	27,306	27,245	27,184	27,123	27,062	27.001	26,939	26,878	326,571
							-	-		,					
	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
п	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		2,226	2,212	2,210	2,207	2,203	2,199	2,193	2,184	2,180	2,168	2,162	2,164	26,308
13	Retail Demand-Related Recoverable Costs (F	")	26,581	26,522	26,463	26,403	26,346	26,287	26,228	26,169	26,110	26,051	25,991	25,933	315,084
14	Total Jurisdictional Recoverable Costs (Lines	: 12 + 13)	28,807	28,734	28,673	28,610	28,549	28,486	28,421	28,353	28,290	28,219	28,153	28,097	341,392

lotes:

(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

.म ज

Schedule 42-8E Page 14 of 17

## Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

L	ine <u>Description</u> 1 Investments	Beginning of Period Amount	Actual January	Actual February	Actual <u>March</u>	Actual <u>April</u>	Actual <u>May</u>	Actual June	Actual July	Actual <u>August</u>	Estimated <u>September</u>	Estimated October	Estimated November	Estimated December	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	Ô	
	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	
	e Salvage														
	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	
	3 Less: Accumulated Depreciation (B)	(21,854)	• • •	(22,789)	(23,257)	(23,724)	(24,192)	(24,659)	(25,126)	(25,593)	(26,060)	(26,527)	(26,994)	(27,461)	
	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)	153,346	152,878	152,411	151,943	151,476	151,008	150,541	150,074	149,607	149,140	148,673	148,206	147,739	
	6 Average Net Investment		153,112	152,645	152,177	151,710	151,242	150,775	150,308	149,841	149,374	148,907	148,440	147,973	
	7 Return on Average Net Investment														
	a Equity Component Grossed Up Fo		915	913	910	907	904	901	899	896	893	890	887	885	10,800
	<ul> <li>b Debt Component (Line 6 x 3.5137</li> </ul>	% x 1/12)	448	447	446	444	443	441	440	439	437	436	435	433	5,289
															•
1	8 Investment Expenses														
	a Depreciation		468	467	468	467	468	467	467	467	467	467	467	467	5,607
	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	0
9	Total System Recoverable Expenses (L		1,831	1,827	1,824	1,818	1,815	1,809	1,806	1,802	1,797	1,793	1,789	1,785	21,696
	a Recoverable Costs Allocated to En		141	141	140	140	140	139	139	139	138	138	138	137	1,670
	b Recoverable Costs Allocated to De	mand	1,690	1,686	1,684	1,678	1,675	1,670	1,667	1,663	1,659	1,655	1,651	1,648	20,026
1	0 Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.0/46017	
1	I Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9651754	0.9634917	0.9623018	0.9619027	0.9645837 0.9648271	
									0.2010211	0.70 10271	0.2070271	0.7040271	0.7040271	0.9046271	
I	2 Retail Energy-Related Recoverable Cos		137	136	135	135	135	135	135	134	133	133	133	132	1.613
	3 Retail Demand-Related Recoverable Co		1,631	1,627	1,625	1,619	1,616	1,611	1,608	1,605	1,601	1,597	1,593	1,590	19,323
1	4 Total Jurisdictional Recoverable Costs	(Lines 12 + 13)	1,768	1,763	1,760	1,754	1,751	1,746	1,743	1,739	1,734	1,730	1.726	1.722	20,936

iotes:

.**н** Э

(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 42-8E Page 15 of 17

### Gulf Power Company

#### Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

	Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual <u>March</u>	Actual <u>April</u>	Actual <u>May</u>	Actual June	Actual July	Actual August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Amount
	1	Investments														
		a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
		b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
		c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
		d Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
	_	e Salvage														
		Plant-in-Service/Depreciation Base	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	
		Less: Accumulated Depreciation (B)	(1,581,883)	(1,616,843)	(1,651,804)	(1,686,764)	(1,721,725)	(1,756,685)	(1,791,645)	(1,826,605)	(1,861,566)	(1,896,526)	(1,931,486)	(1,966,446)	(2,001,406)	
		CWIP - Non Interest Bearing	0	0	0	<u>U</u>	<u> </u>	0	0	0	0	0	0	0	0	-
	5	Net Investment (Lines 2 - 3 + 4)	11,660,586	11,625,626	11,590,665	11,555,705	11,520,744	11,485,784	11,450,824	11,415,864	11,380,903	11,345,943	11,310,983	11,276,023	11,241,063	_
	6	Average Net Investment		11,643,106	11,608,146	11,573,185	11,538,225	11,503,264	11,468,304	11,433,344	11,398,384	11,363,423	11,328,463	11,293,503	11,258,543	
	7	Return on Average Net Investment														
		a Equity Component Grossed Up For Tax	es (C)	69,602	69,393	69,184	68,976	68,767	68,558	68,349	68,140	67.931	67,722	67,513	67,304	821,439
		b Debt Component (Line 6 x 3.5137% x 1	/12)	34,091	33,989	33,886	33,784	33,682	33,579	33,477	33,374	33,272	33,170	33,067	32,965	402,336
																,
	8	Investment Expenses														
		a Depreciation		26,484	26,485	26,485	26,485	26,485	26,485	26,485	26,485	26,485	26,485	26,485	26,485	317,819
		b Amortization c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
I		d Property Taxes		8,476 37,014	8,476 37,014	8,475 37,014	8,476 37,014	8,475	8,475	8,475	8,476	8,475	8,475	8,475	8,475	101,704
_		e Other (D)		37,014	\$7,014 A	57,014	37,014	37,014 0	37,014 0	37,014	37,013	37,014	37,014	37,014	37,014	444,167
~1		e Oller (D)	-	v	0	V	V	<u> </u>		<u> </u>	. <u> </u>	0	0	0	0	0
	9	Total System Recoverable Expenses (Lines 7	(+8)	175,667	175,357	175,044	174,735	174,423	174,111	173,800	173,488	173,177	172,866	172,554	172,243	2,087,465
		a Recoverable Costs Allocated to Energy	-,	13,513	13,489	13,465	13,441	13,417	13,393	13,369	13,345	13,321	13,297	13,273	13,249	160,572
		b Recoverable Costs Allocated to Demand	l	162,154	161,868	161,579	161,294	161,006	160,718	160,431	160,143	159,856	159,569	159,281	158,994	1,926,893
						,+ / -	,		,		100,115	107,000	107,507	100,401	150,554	1,720,093
	10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
	11	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
	12	Retail Energy-Related Recoverable Costs (E	)	13,102	13,024	13,016	13,005	12,984	12,973	12,945	12,898	12,879	12,814	12,785	12,798	155,223
	13	Retail Demand-Related Recoverable Costs (I	7)	156,451	156,175	155,896	155,621	155,343	155,065	154,788	154,510	154,233	153,956	153,679	153,402	1,859,119
	14	Total Jurisdictional Recoverable Costs (Line	s 12 + 13)	169,553	169,199	168,912	168,626	168,327	168,038	167,733	167,408	167,112	166,770	166,464	166,200	2,014,342
			-													

lotes:

(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

Schedule 42-8E Page 16 of 17

#### Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

<u>Lin</u> 1		ginning of iod Amount	Actual <u>January</u>	Actual February	Actual <u>March</u>	Actual April	Actual <u>May</u>	Actual <u>June</u>	Actual July	Actual <u>August</u>	Estimated September	Estimated October	Estimated <u>November</u>	Estimated December	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	0	0	
	e Salvage														
2	Plant-in-Service/Depreciation Base	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	
3	Less: Accumulated Depreciation (B)	(103,634)	(108,555)	(113,476)	(118,397)	(123,318)	(128,239)	(133,160)	(138,081)	(143,001)	(147,921)	(152,841)	(157,761)	(162,681)	
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)	354,285	349,364	344,443	339,522	334,601	329,680	324,759	319,838	314,918	309,998	305,078	300,158	295,238	
6	Average Net Investment		351,825	346,904	341,983	337,062	332,141	327,220	322,299	317,378	312,458	307,538	302,618	297,698	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (C)	)	2,103	2,074	2,044	2,015	1,986	1,956	1,927	1,897	1,868	1,838	1,809	1,780	23,297
	b Debt Component (Line 6 x 3.5137% x 1/12)		1,030	1,016	1,001	987	973	958	944	929	915	900	886	872	11,411
	•														
8	Investment Expenses		•					_	_		_				
	a Depreciation b Amortization		0	0 4,921	0 4,921	0	0	0	0	0	0	0	0	0	0
	c Dismantlement		4,921	4,921	4,921	4,921	4,921	4,921	4,921	4,920	4,920	4,920	4,920	4,920	59,047
	d Property Taxes		0	Ű	Ű	v v	0	0	0	U	U	0	0	0	0
	e Other (D)		ŏ	ů	0	0	0	0	0	0	0	0	U	0	0
			V	<u> </u>	<u> </u>		V	U	<u> </u>	<u> </u>	<u>v</u>	<u>v</u>		Ų	0_
9	Total System Recoverable Expenses (Lines 7 + 8)		8,054	8,011	7,966	7,923	7,880	7,835	7,792	7,746	7,703	7,658	7,615	7.572	93,755
	a Recoverable Costs Allocated to Energy		620	616	613	609	606	603	599	596	593	589	586	582	7,212
	b Recoverable Costs Allocated to Demand		7,434	7,395	7,353	7,314	7,274	7,232	7,193	7,150	7,110	7,069	7,029	6,990	86,543
														,	
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
11	Demand Jurisdictional Factor	(	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		601	595	593	589	586	584	580	576	677				(
12	Retail Demand-Related Recoverable Costs (E)		7,173	7.135	7.094	7.057	7.018	584 6,978			573	568	564	562	6,971
	Total Jurisdictional Recoverable Costs (Lines 12 +	. 13) —	7.774	7,730	7,687	7,057	7,018	7,562	6,940	<u>6,899</u> 7,475	<u>6,860</u> 7,433	<u>6,820</u> 7,388	<u>6,782</u> 7,346	6,744	83,500
	Total surgerenan Accorciable Costs (Eules 12 +		1,114	7,730	7,067	7,040	7,004	7,502	7,520	7,473	/,433	7,388	/,346	7,306	90,471

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

73

## Gulf Power Company Environmental Cost Recovery Clause (ECRC) Calculation of the Current Period True-Up Amount January 1999 - December 1999

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

#### (in Dollars)

Lin 1	e <u>Description</u> Investments	Beginning of Period Amount	Actual January	Actual February	Actual <u>March</u>	Actual April	Actual <u>May</u>	Actual June	Actual July	Actual <u>August</u>	Estimated September	Estimated <u>October</u>	Estimated November	Estimated December	End of Period Amount
•	a Purchases/Sales of Allowances		0	0	0	(435,986)	0	(3,671)	0	0	0	0	0	0	
	b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	Ō	
	c Retirements		0	Û	Û	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	Working Capital Balance	(474,825)	(475,295)	(475,584)	(476,097)	(881,960)	(851,905)	(825,483)	(795,530)	(765,550)	(735,433)	(705,365)	(675,221)	(645,055)	
3	Less: Accumulated Depreciation (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non Interest Bearing	0	00	0	0	0	0	0	. 0	0	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	(474,825)	(475,295)	(475,584)	(476,097)	(881,960)	(851,905)	(825,483)	(795,530)	(765,550)	(735,433)	(705,365)	(675,221)	(645,055)	
6	Average Net Investment		(475,060)	(475,440)	(475,841)	(679,029)	(866,933)	(838,694)	(810,507)	(780,540)	(750,492)	(720,399)	(690,293)	(660,138)	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxe	s (C)	(2,840)	(2,842)	(2,845)	(4,059)	(5,183)	(5,014)	(4,845)	(4,666)	(4,486)	(4,307)	(4,127)	(3,946)	(49,160)
	b Debt Component (Line 6 x 3.5137% x 1/	12)	(1,391)	(1,392)	(1,393)	(1,988)	(2,538)	(2,456)	(2,373)	(2,285)	(2,197)	(2,109)	(2,021)	(1,933)	(24,076)
8	Investment Expenses														
	a Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Amortization		0	0	0	0	0	0	0	0	0	0	0	0	Ó
	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)		470	289	513	(30,123)	(30,055)	(30,093)	(29,953)	(29,980)	(30,117)	(30,068)	(30,144)	(30,166)	(269,427)
9	Total System Recoverable Expenses (Lines 7	+ 8)	(3,761)	(3,945)	(3,725)	(36,170)	(37,776)	(37,563)	(37,171)	(36,931)	(36,800)	(36,484)	(36,292)	(36,045)	(342,663)
	a Recoverable Costs Allocated to Energy		(3,761)	(3,945)	(3,725)	(36,170)	(37,776)	(37,563)	(37,171)	(36,931)	(36,800)	(36,484)	(36,292)	(36,045)	(342,663)
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	Û Û	Ó	Ó	0
10	Energy Jurisdictional Factor		0.9682617	0.9642104	0.9653178	0.9662259	0.9664104	0.9673082	0.9669007	0.9651754	0.9654917	0.9623018	0.9619027	0.9645837	
	Demand Jurisdictional Factor		0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	0.9648271	
12	Retail Energy-Related Recoverable Costs (E)		(3,647)	(3,809)	(3,601)	(34,997)	(36,558)	(36,386)	(35,991)	(35,695)	(35,580)	(35,158)	(34,958)	(34,817)	(331,197)
	Retail Demand-Related Recoverable Costs (F	· ·	0	0	0	0	0	0	0	0	0	0	0	0	Ó
14	Total Jurisdictional Recoverable Costs (Lines	12 + 13)	(3,647)	(3,809)	(3,601)	(34,997)	(36,558)	(36,386)	(35,991)	(35,695)	(35,580)	(35,158)	(34,958)	(34,817)	(331,197)
															تغديد المساحد

lotes:

-1 10

(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/(Amortization of Gain on Sales of Allowances)

(E) Line 9a x Line 10 x 1.0014 line loss multiplier
(F) Line 9b x Line 11

Schedule 42-8E Page 17 of 17