1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		DIRECT TESTIMONY OF
3		THOMAS G. FOSTER
4		ON BEHALF OF
5		PROGRESS ENERGY FLORIDA
6		DOCKET NO. 090007-EI
7		AUGUST 28, 2009
8		
9	Q.	Please state your name and business address.
10	А.	My name is Thomas G. Foster. My business address is 299 First Avenue North,
11		St. Petersburg, FL 33701.
12		
13	Q.	By whom are you employed and in what capacity?
14	А.	I am employed by Progress Energy Service Company, LLC, as Supervisor of
15		Regulatory Planning Florida.
16		
17	Q.	Have you previously filed testimony before this Commission in connection
18		with PEF's Environmental Cost Recovery Clause (ECRC)?
19	A.	Yes, I have.
20		
21	Q.	Have your duties and responsibilities remained the same since you last filed
22		testimony in this proceeding?
23	А.	Yes.
		DOCUMENT NUMBER-DATE
		08944 AUG 28 8

FPSC-COMMISSION CLESS

T

Q.

What is the purpose of your testimony?

2	A.	The purpose of my testimony is to present, for Commission review and
3		approval, PEF's calculation of the revenue requirements and its ECRC factors
4		for application on customer billings during the period January 2010 through
5		December 2010. My testimony addresses the capital and operating and
6		maintenance ("O&M") expenses associated with PEF's environmental
7		compliance activities for the year 2010 and actions to date related to its emission
8		allowance procurement strategy as part of its Integrated Clean Air Compliance
9		Plan for complying with the Clean Air Interstate Rule (CAIR) and related
10		regulatory requirements.
11		
12	Q.	Have you prepared or caused to be prepared under your direction,
13		supervision or control any exhibits in this proceeding?
13 14	A.	supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits:
13 14 15	A.	 supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits: 1. Exhibit No(TGF-3), which consists of PSC Forms 42-1P through 42-
13 14 15 16	А.	 supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits: 1. Exhibit No(TGF-3), which consists of PSC Forms 42-1P through 42-7P; and
13 14 15 16 17	A.	 supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits: Exhibit No(TGF-3), which consists of PSC Forms 42-1P through 42-7P; and Exhibit No(TGF-4), which provides details of four capital projects by
13 14 15 16 17 18	Α.	 supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits: Exhibit No(TGF-3), which consists of PSC Forms 42-1P through 42-7P; and Exhibit No(TGF-4), which provides details of four capital projects by site.
 13 14 15 16 17 18 19 	Α.	 supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits: Exhibit No(TGF-3), which consists of PSC Forms 42-1P through 42-7P; and Exhibit No(TGF-4), which provides details of four capital projects by site. The following individuals will also be co-sponsors of Forms 42-5P pages 1
 13 14 15 16 17 18 19 20 	Α.	 supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits: Exhibit No(TGF-3), which consists of PSC Forms 42-1P through 42-7P; and Exhibit No(TGF-4), which provides details of four capital projects by site. The following individuals will also be co-sponsors of Forms 42-5P pages 1 through 14 as indicated in their previously filed testimony:
 13 14 15 16 17 18 19 20 21 	Α.	 supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits: Exhibit No(TGF-3), which consists of PSC Forms 42-1P through 42-7P; and Exhibit No(TGF-4), which provides details of four capital projects by site. The following individuals will also be co-sponsors of Forms 42-5P pages 1 through 14 as indicated in their previously filed testimony: Mr. Zeigler will co-sponsor Forms 42-5P pages 1, 2 and 9
 13 14 15 16 17 18 19 20 21 22 	Α.	 supervision or control any exhibits in this proceeding? Yes. I am sponsoring the following exhibits: Exhibit No(TGF-3), which consists of PSC Forms 42-1P through 42-7P; and Exhibit No(TGF-4), which provides details of four capital projects by site. The following individuals will also be co-sponsors of Forms 42-5P pages 1 through 14 as indicated in their previously filed testimony: Mr. Zeigler will co-sponsor Forms 42-5P pages 1, 2 and 9 Ms. West will co-sponsor Forms 42-5P pages 3, 4, 6, 8, 10, 11, 12, 13

1		• Mr. McCallister will co-sponsor Forms 42-5P page 5
2		• Mr. Murray will co-sponsor Forms 42-5P page 7
3		
4	Q.	What is the total recoverable revenue requirement relating to the
5		projection period January 2010 through December 2010?
6	A.	The total recoverable revenue requirement including true-up amounts and
7		revenue taxes is \$234,002,435 as shown on Form 42-1P, Line 5 of Exhibit No.
8		(TGF-3).
9		
10	Q.	What is the total true-up to be applied in the period January 2010 through
11		December 2010?
12	A.	The total true-up applicable for this period is an over-recovery of \$19,754,975.
13		This consists of the final true-up of under-recovery of \$4,320,606 for the period
14		from January 2008 through December 2008 and an estimated true-up over-
15		recovery of \$24,075,581 for the current period of January 2009 through
16		December 2009. The detailed calculation supporting the estimated true-up was
17		provided on Forms 42-1E through 42-8E of Exhibit No (TGF-1) filed with
18		the Commission on August 3, 2009.
19		
20		
21		

1	Q.	Are all the costs listed in Forms 42-1P through 42-7P attributable to
2	·	Environmental Compliance projects previously approved by the
3		Commission?
4	A.	Yes, with the exception of the Total Maximum Daily Loads for Mercury Project,
5		which is discussed below. PEF's 2010 ECRC projections include the following
6		projects that have been previously approved by the Commission:
7		
8		PEF's Integrated Clean Air Compliance Plan (Program No.7), which the
9		Commission approved as a prudent and reasonable means of complying with
10		CAIR and related regulatory requirements in Order No. PSC-07-0922-FOF-EI.
11		
12		The Substation and Distribution System O&M programs (Nos. 1 and 2) were
13		previously approved by the Commission in Order No. PSC-02-1735-FOF-EI.
14		
15		The Pipeline Integrity Management Program (No. 3) and the Above Ground
16		Tank Secondary Containment Program (No. 4) were previously approved in
17		Order No. PSC-03-1348-FOF-EI.
18		
1 9		The recovery of SO ₂ Emission Allowances (No. 5) was previously approved in
20		Order No. PSC-95-0450-FOF-EI; however, the costs were moved to the ECRC
21		Docket from the Fuel Docket beginning January 1, 2004 at the request of Staff
22		to be consistent with the other Florida IOUs.
23		

1		The Phase II Cooling Water Intake 316(b) Program (No. 6) was previously
2		approved in Order No. PSC-04-0990-PAA-EI.
3		
4		The Sea Turtle Lighting Program (No. 9), the Arsenic Groundwater Standard
5		Program (No. 8), and the Underground Storage Tanks Program (No. 10) were
6		previously approved in Order No. PSC-05-1251-FOF-EI.
7		
8		The Modular Cooling Tower Program (No. 11) was previously approved by the
9		Commission in Order No. PSC-07-0722-FOF-EI.
10		
11		The Crystal River Thermal Discharge Compliance Project (No. 11.1) and the
12		Greenhouse Gas Inventory and Reporting Project (No. 12) were previously
13		approved in Order No. PSC-08-0775-FOF-EI.
14		
15	Q.	What is the Total Maximum Daily Loads for Mercury Project?
16	A.	On March 4, 2009, PEF submitted a petition for approval to recovery costs to be
17		incurred as a result of PEF's participation in studies related to the Florida
18		Department of Environmental Protection's ("FDEP's") development of Total
19		Maximum Daily Loads ("TMDLs") for mercury in Florida waters, as well as
20		separate rules to regulate mercury emissions from various sources including,
21		potentially, coal-fired power plants. As discussed in PEF's Petition and the pre-
22		filed testimony of Ms. Patricia Q. West submitted on August 3, 2009, the
23		program qualifies for cost recovery under the ECRC and is consistent with

1		Commission policy encouraging utilities to take efforts to control environmental
2		compliance.
3		
4	Q.	Have you prepared schedules showing the calculation of the recoverable
5		O&M project costs for 2010?
6	A.	Yes. Form 42-2P contained in Exhibit No(TGF-3) summarizes the
7		recoverable O&M cost estimates for these projects in the amount of
8		\$46,919,229.
9		
10	Q.	Have you prepared schedules showing the calculation of the recoverable
11		capital project costs for 2010?
12	A.	Yes. Form 42-3P contained in Exhibit No. (TGF-3), summarizes the cost
13		estimates projected for these projects. Form 42-4P, pages 1 through 15, shows
14		the calculations of these costs that result in recoverable jurisdictional capital
15		costs of \$206,669,820.
16		
17	Q.	Please explain why the beginning balance in the Capital Program Detail
18		Exhibit No(TGF-4) for the CAIR project (7.4k) does not tie to the 2009
19		Estimated/Actual filing?
20	A.	Subsequent to the 2009 Estimated/Actual filing it was noticed that Project (7.4k)
21		was not placed into service in December 2009. Therefore, to properly reflect
22		this project in 2010, PEF included the correct beginning balances for plant in-
23		service (line 2) and accumulated depreciation (line 3). Also, PEF properly

1		included a true-up in line 7c – Other for the equity and debt components that
2		should have been in the 2009 Estimated/Actual filing. Finally, a true-up was
3		also placed in line 8e – Other for the depreciation and property taxes that should
4		have been included in the 2009 Estimated/Actual filing.
5		
6	Q.	Have you prepared schedules providing the description and progress
7		reports for all environmental compliance activities and projects?
8	А.	Yes. Form 42-5P, pages 1 through 14, contained in Exhibit No(TGF-3) with
9		provides each project description and progress, as well as the projected
10		recoverable cost estimates.
11		
12	Q.	What is the total projected jurisdictional costs for environmental
13		compliance activities in the year 2010?
14	А.	The total jurisdictional capital and O&M costs of \$253,589,049 to be recovered
15		through the ECRC, are calculated on Form 42-1P, contained in Exhibit No.
16		(TGF-3).
17		
18	Q.	Please describe how the proposed ECRC factors were developed.
19	А.	The ECRC factors were calculated as shown on Forms 42-6P and 42-7P contained
20		in Exhibit No. (TGF-3). The demand component of class allocation factors
21		were calculated by determining the percentage each rate class contributes to the
22		monthly system peaks and then adjusted for losses for each rate class. This
23		information was obtained from PEF's July 2009 load research study. The energy
24		allocation factors were calculated by determining the percentage each rate class

- contributes to total kilowatt-hour sales and then adjusted for losses for each rate
 class. Form 42-7P presents the calculation of the proposed ECRC billing factors
 by rate class.
- 4

6

Q. Have you made any changes in how the costs associated with Project 7 are being allocated to the different rate classes?

Yes. Project 7 capital and O&M costs are being allocated to the retail rate classes 7 A. on an energy basis as opposed to a production demand basis. Previously, pursuant 8 to the settlement in Docket 050078, PEF's last Rate Case, PEF was allocating the 9 costs of this project to the rate classes on a demand basis. Beginning in 2010, PEF 10 will no longer be operating under this settlement and as such believes the costs 11 associated with this project are more appropriately allocated to the retail rate 12 classes on an energy basis. This is consistent with the stipulation approved for 13 TECO in Order PSC-04-1187 in Docket No. 040007. This is also consistent with 14 Order No. PSC-94-0044 where the Commission ordered that costs associated with 15 the compliance with the Clean Air Act Amendments of 1990 (CAAA) be allocated 16 to the rate classes in the ECRC on an energy basis due to the strong nexus between 17 the level of emissions which the CAAA seeks to reduce and the number of 18 19 kilowatt hours generated. 20

- 21
- 22
- 23
- 24
- 25

1	Q.	Please explain why you provided three separate billing factors?
2	A.	PEF has provided the allocation of the retail revenue requirements to the rate
3		classes three ways: 12CP and 50% AD as proposed by the Company in Docket #
4		090079-EI, 12CP and 25% AD as recently approved for Tampa Electric in Docket
5		# 080317-EI, and 12CP and 1/13th AD, the Company's currently approved
6		method.
7		
8	Q.	Why are the ECRC factors for the Curtailable (CS) and Interruptible (IS)
9		rate classes presented both individually and combined in your exhibit TGF-3?
10	A.	As explained in the direct testimony of William C. Slusser Jr. in Docket 090079-
11		EI, these rate classes should be combined and treated as one rate class since their
12		load characteristics are similar. The ECRC factors for these rate classes are
13		presented both individually and combined on page 42-7P, in my exhibit TGF-3,
14		pending the outcome of the Commission decision in Docket No. 090079-EI.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1Q.What are PEF's proposed 2010 ECRC billing factors by the various rate2classes and delivery voltages?

- 3 A. The computation of PEF's proposed ECRC factors for customer billings in 2010 is
 - shown on Form 42-7P, contained in Exhibit No. (TGF-3). In summary, these

factors are as follows:

4

5

	ECRC FACTORS	ECRC FACTORS	ECRC FACTORS			
RATE CLASS	12CP & 50%AD	12CP & 25%AD	12CP & 1/13AD			
Residential	0.655 cents/kWh	0.656 cents/kWh	0.656 cents/kWh			
General Service Non-Demand						
@ Secondary Voltage	0.647 cents/kWh	0.646 cents/kWh	0.646 cents/kWh			
@ Primary Voltage	0.641 cents/kWh	0.640 cents/kWh	0.640 cents/kWh			
@ Transmission Voltage	0.634 cents/kWh	0.633 cents/kWh	0.633 cents/kWh			
General Service 100% Load Factor	0.630 cents/kWh	0.628 cents/kWh	0.627 cents/kWh			
General Service Demand						
@ Secondary Voltage	0.636 cents/kWh	0.635 cents/kWh	0.634 cents/kWh			
@ Primary Voltage	0.630 cents/kWh	0.629 cents/kWh	0.628 cents/kWh			
@ Transmission Voltage	0.623 cents/kWh	0.622 cents/kWh	0.621 cents/kWh			
Interruptible & Curtailable						
@ Secondary Voltage	0.616 cents/kWh	0.615 cents/kWh	0.614 cents/kWh			
@ Primary Voltage	0.610 cents/kWh	0.609 cents/kWh	0.608 cents/kWh			
@ Transmission Voltage	0.604 cents/kWh	0.603 cents/kWh	0.602 cents/kWh			
Lighting	0.637 cents/kWh	0.634 cents/kWh	0.632 cents/kWh			

Q. When is PEF requesting that the proposed ECRC billing factors be made effective?

A. PEF is requesting that its proposed ECRC billing factors be made effective with
the first bill group for January 2010 and continue through the last bill group for
December 2010.

6

7

Q. Please summarize your testimony.

- 8 A. My testimony supports the approval of an average environmental billing factor of
 9 0.644 cents per kWh which includes projected capital and O&M revenue
- requirements of \$234,002,435 associated with a total of 13 environmental projects
- and a true-up over-recovery provision of \$19,754,975. My testimony also
- demonstrates that the projected environmental expenditures for 2010 are
- 13 appropriate for recovery through the ECRC.
- 14

15 Q. Does this conclude your testimony?

- 16 A. Yes, it does.
- 17
- 18

Witness: T.G. Foster Exibit__(TGF-4)

PROGRESS ENERGY FLORIDA, INC. ENVIRONMENTAL COST RECOVERY CAPITAL PROGRAM DETAIL

JANUARY 2010 - DECEMBER 2010 Calculation of the Projected Period Amount January through December 2010 DOCKET NO. 090007-EI

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-4) Page 1 of 19

EROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Ceptal Program Detail Support - Project 3.1 Recept JANUARY 2019 - DECEMBER 2010

For Project: PIPELINE INTEGRITY MANAGEMENT - Alderman Road Fance (Project 3.tz) (In Dollara)

Line	Description	Beginning of Period Ampunt	Projected Jan-10	Projected Feb-18	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Projected Citi-10	Projected Nov-10	Projected Dec-10	End of Period Total
1 Invit	siments.												,		
a . 1	Expenditures/Additions		: 50	\$0	\$0	30	\$0	\$0	- 50	10	30		1 8 0	\$0 ·	50
b. (Jeanings to Plant		Q.	0	0	0	0	9	0	D	0	0			
8. F	tellramenta.		Ó	4	ti.	0	0	¢.	0	ō	0	ō	ō	0	
d. C	(her		9	0	ð	Ó.	¢	0	0	0	D	0	Ģ	0	
2 Pter	t-in-Service/Depreciation Base	\$33,982	33,952	33,952	33,952	33,952	33,952	31,957	33 652	15 647	12 052	39 662	91 682	11 012	
3 Lan	: Accumulated Depreciation	(\$5,457)	(5,586)	(5,675)	(5,784)	(5,853)	(5,942)	(8.031)	(8 120)	15 2159	18 208)	18 3871	80.4781	(A CAS)	
4 CW	P - Non-Interest Bearing	\$	0	, Q		ő			5	0,200,	14/24/207	to hours	10,0100	(0,000)	
5 Nei	nvésiment (Lines 2 + 3 + 4)	\$28,454	28,367	28,278	28,189	28,100	28,011	27,922	27,833	27,744	27,855	27,566	27,417	27,380	
6 Ave	age Net Investment		28,411	28,322	28,233	28,144	28,055	27,996	27,877	27,788	27,699	27,810	27,521	27,432	
7 Ret	on on Average Not investment														
18. E	quily Component Grossed Up For Texes 10.1	8%	245	244	243	243	242	741	246	346	220	915			#10 BRD
6. E	ebi Composent (Line 6 x 2.04% x 1/12) 2.8	5%	68	67	87	67	67	44	88	240	200		#3/ #K	231	34,004
6. C	ther		Ċ	0	0	0	0	õ	ē	õ	Ŭ	0	ő	0	140
8 inve	stment Excenses														
. ú	epreciation 3.13%		89	89 8	69	RŚ	20	80	Xo	ěā.	ie.		9.00 Arti		
D. A	montaration		. 0	Ő	0	ä	ă.	-0		90. A		. 6 8	48.		1,000
e D	is manuferment		N/A	N/A	N/A	NA	NVA	N/A	N/A	N/A	31/4	517A	N/A	Alfa .	M/A
6, P	roperty Taxes 0.008907		25	25	25	25	25	26	75	55	28		25	SE	455
e. C	ther	-	0	\$	0	g	0	ð	0	a.	0	0	0	Q.	
9 Tota	i Sýstem Recoverable Expenses (Lines 7 + 8)		427	425	424	424	223	424	420		110	244	19	418 T	6 051
#, R:	coverable Costs Allocated to Energy		0	0	0	0	Ű.	D	0		1.0	410	- 10 A		5,053
b. R	ecoverable Costs Allocated to Demand		427	425	424	424	423	421	420	420	419	414	416	418	5 053

For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Leék Détection (Project 3.1b)

Liria.	Öascaiption	Beginning of Period Amount	Projected Jar-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected JBI-10	Projected Aug-10	Projected Sep-10	Projected Excl-10	Projected Nov-10	Projected Dec-10	End of Period Total
t Im	vestments												•		
	Expenditures/Additions		30	30	\$0	\$0	50	\$0	\$0	\$0	\$0	.\$0	\$0	\$ 0	\$0
ь.	Clearings to Plant		0	0	8	Ò	Q	0	Ó	Ö	0	Ó	0	Ó	
C.	Represents		0	0	0	0	0	Ð	0	Ő.	0	Ő	O .	Ú.	
đ,	Other		6	Q_	0	0	0	0	0	. O	ø	¢	ġ	Ø	
2 Pt	est-in-Service/Depreciation Base	\$2 640 638	2,840,638	2,640,635	2,840,836	2,840,835	2,640,635	2,840,836	2.840.836	2.640.636	2.640.636	2.640.636	2 640 538	2.640.636	
\$ Le	as: Accumulated Depreciation	(\$521,675)	(533,080)	(544,385)	(555,740)	(567,095)	(578,450)	(589,805)	(501, 160)	(612,515)	(823,570)	(835,225)	(848.580)	(657,935)	
4 CY	MP - Non-Interest Baering	\$9	0	Q	0	9	0	0		0	Q.	0	0	Ð	
5 Ne	t investment (Lines 2 + 3 + 4)	\$2,118,551	2,107,605	2,098,251	2,084,895	2,073,541	2,082,186	2,950,831	2,039,478	2,028,121	2,015,766	2,005,411	1,994,056	1,982,701	
6 Av	erage Net Investment		2,113,284	2,101,929	2,090,574	2,079,219	2,097,984	2,056,509	2,945,154	2,033,799	2,022,444	2,011,069	1,999,734	1 968,379	
7 Ri	kum un Average Nel Investment														
<i>á</i> .	Equity Component Grossed Up For Taxes 10.	15%	18,220	18,122	18,024	17.925	17,828	17.731	17.633	17 535	17-437	17 339	17 241	17 141	\$212 170
t .	Debi Component (Line 8 x 2.04% x 1/12)	55%	5,024	6.997	4,970	4,943	4,010	4.559	4.852	4.835	4,808	4.781	4 754	4 727	58 508
a.	Cilver		0	0	Ū.	0	O	0	۵	0	0	Q	¢	0	0
6 Inv	resiment Expenses												:		
- i.	Oppreciation 5.14%		11,355	11,355	11,355	11,355	11,355	11,355	11,355	11,355	11.955	11,355	11.355	11.355	136,260
6.	Amonization		5	0	ê	. Ø	0	5	g	Ŭ	0	8	ő	6	0
C .	Dismanilement		N/A	N/A	N/A	N/A	N/A	NA.	N/A	NA	N/A	NA	N/A	N/A	N/A
4	Property Taxes 8.808907		1,982	1,960	\$,980	1,900	1,900	1,960	1,960	1,960	1,960	1,960	1,960	1.950	23,520
e .	Other	-	9	0	¢	00		0	Ó,	0	0	ă.	0	0	0
9. Yo	al System Receiverable Expenses (Lines 7 + 8)		36,559	58,434	38,309	36,184	38,059	35,935	35,810	35,585	35,560	35,455	35,910	35.185	430,465
- X.I	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	Ò	0	. 0	0	0	0
ð.	Recoverable Costs Allocated to Demand		36,559	38,434	36,309	36,154	36,059	35,935	35,810	35,685	35,560	35,435	35,310	35,185	430.485

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-4) Page 2 of 19

CPD

PROGRESS ENERGY FLORIDA Environmental Cost Reportery Clause (ECRC) Cables Project Details Support - Project 3.1 Recup JANUARY 2010 - DECEMBER 2010

For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Controls Upgrade (Project 3.1c) BC.Rollect

Line	Description	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mer-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected	Projected	Projected	Projected	Protected	Projected	End of Period
1 linve	siremus								007-10	A99-10	569-10	Dut 10	Nov-10	Dec 10	Tolat
4. E	x04/dilumes/Additions														
b. C	learings to Plant		\$0	\$0	\$0	\$ 0	10	śn		**	أنشع	·~=			
16. PL	uliteristis.		0	Ó	Ç	0	C C	40 ()	30	340	50	. \$2	\$ 1	\$0	\$0
đ, O	ther		. 0	0	0.	đ	0	ň		, v	0	.0	Ð	0	
			0	0	0	Ó	ō	ň	v A	v v	q	- Q.	0	0	
2 Plan	Lin-Service/Depreciation Rese							-	÷	ų	Ó	Q	9	ð,	
3 Less	Accemulated Depreciation	\$798,147	905,147	905,147	905,147	895,147	905,147	905 147	0.05 147	100	المنا محمد				
4 GW	P - Non-Internet Bearing	(535,236)	(42,128)	(48,029)	(49,912)	(\$3,804)	(57,898)	101.5861	400,142 /05.142	450,147	1905,147	905,147	905,147	906,147	
5 Net I	ovestment ti ines 2 + 3 + 4		(0)	(0)		(0)	(0)	100	(00,440)	(03,3(2)	(13,204)	(77,156)	(61,648)	(54,940)	
		2049,411	053,019	659,127	855,235	851,343	847,451	843.550	P15 687	(U)	(0)	0	(9)	曲	
5 Aven	ade Net Investment								400,001	033,(13	531,063	127,991	824,090	820,207	
			564,965	861,073	857,183	853,289	849.397	645.505	841 613	837 705					
7 Retu	n on Averane Net investment									001,121	923,829	829,937	826,045	822,153	
#. Ec	Wity Component Grossed i in For Taylor +	it villes	÷	6176 V											
b. De	abi Component (Line & y 2 n4% y 1/1/2	9.55% 9.514	7,457	7,424	7,390	7,357	7.323	7.250	7 258	7 101	7.405	4114			
C. 01	her	£.40 A	2,056	2,047	2,038	2,029	2,019	2.010	2 666	1 407	2,108	7,185	7,122	7,088	\$87,274
			0	D	0	0	0	-,	2,001	1,476	1'NOR	1,9(3	1,954	1,955	24,088
8 Reves	iment Excenses							•	•	ч.	a,	Q	9	0	0
#. De	precision stars		222	12.5.2											·
b. An	notlization		2,882	3,892	3,592	3,682	3,892	3,892	3 892	3 893	3.803				
C, Di	unantiernent		.ų	<i>a</i>	Ģ.	đ	¢	5	6	0, 44 2	P,082	3,042	3,842	3,892	46,704
d. 9n	opedy Taxes 9.900907		NKA	N/A	N/A	-N/A	N/A	N/A	N/A *	AWA	KEA.	ય છે.	<u>8</u>	Q:	Ç.
0. Öt	her		012	672	672	872	872	₹72	872	672	879	9/4	NA	N/A	NZA
			<u> </u>		<u> </u>	<u>0</u> '	0	Q	8				- DIT	672	5,054
9 Total 9	System Recoverable Expenses (Lines 7 + 8)		14:077	44.848	منتثم هاد						<u> </u>		<u> </u>	<u> </u>	<u> </u>
*. Flat	coverable Costs Allocated to Energy			14,045	19'885	13,950	13,908	13,864	13,821	13,779	13,735	13 892	13 850	12 641	1.000
b. Re	coverable Costs Allocated to Demand		14.077	43 695	47 460	0	0	. 0	. 0	0	0			P4,007	100,100
				14,038	14,605	13,950	13,906	13,884	13,821	13,779	13,735	13.592	13,650	13 807	100 100
													10000	14,607 [300,100.3

.

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-4) Page 3 of 19

. ÷

.

1

PROGRESS EARROY FLORIDA Esvironments: Cost Recovery Clause (ECRC) Capital Program Dentil Septort - Project 4,1-4,3 Récep JANUARY 2016 - DECEMBER 2018

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - TURNER UTS (Project 4.15)

 - TAK	200.00	
 BY 1444		

					Red Were Statistics									
Line. <u>Description</u>	Beginning o Period Amou	f Projectud nl Jac-10	Projected Feb-10	Projected Har-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projected Dec-10	Period Yotal
1 incoortmants s. Expenditures/Additions b. Clearings to Plant c. Relifements d. Other		02 0 0 0	50 0 8 0	\$0 0 0	\$0 0 0	10 0 0	\$0 0 0 0	\$0. 0. 0.	90 13 10 10	90 0 0	50 0 0	50 6 6 6	94) 5 5 5	\$0
2 Plant-in-Service/Depreciation Base 3 Labe: Accemulated Depreciation	\$1,954,4 (35,7	99 1,964,499 74} (46,879)	1,954,499 (57,982)	1,854,499 (69,855) (6)	1,954,499 (62,186) (0)	1,954,409 (21,291) (0)	1,954,498 (102,394) (0)	1,854,499 (113,497) (0)	1,954,499 (124,699) 	1,954,499. (135,763) (0)	1,954,400 {145,900} {0}	1,054,480 (157,909) (0)	1,954,449 (169,012) (C)	
4 CiviP - Non-Interest Bearing	24 848 8		A GENE KAY	4 885 414	1 874 311	1,663,208	1,852,105	1,541,092	1,829,889	1,818,796	1,642,043	1,7 10,010		
5 Het leivestruel (Lieux 2 + 2 + 4) 8 Avenueur het leivestruch		1,813,171	1,902,098	1,000,955	1,879.082	1,858,759	1,857,850	1,646,553	1,635,450	1 824 847	1,813,244	1,002,141	1,785,038	
7: Retism on Average Net Investment a. Equity Component Grossed Up For Taxes b. Debt Component (Line 6 x 2:575 x 1/12) r. Other	10.33% 2.39%	-16,495 4,549 0	16,399 4,522 D	16,305 4,496 6	16,206 4,406 0	18,112 4,443 5	16,018 4,417 0	15.920 4,390 0	15,825 4,384 D	15,729 4,337 0	16,833 4,311 0	15,837 4,285 0	18,442 4,269 0	5191,819 62,841 0
5 Investment Expenses 9. Depreciation 6.82% 6. Amplituation 0. Dismantiment d. Proceety Taxes 0.000270		11,103 9 NIA 1,510	11,103 N/A 1,810	1€,103 D N/A 1,510	1,103 5 N/A 1,518	11,105 0 N/A 1,510	11,103 17 N/A 1,610	₹1,103 0 N#A 1,515 0	11,103 0 N/A 1,310 0	11,103 8 N/A 1,516 0	11,105 0 N/A 5,510 0	11,103 8 N/A 1,810 0	11,105 0 N/A 1,510	133,236 9 N/A 18,125 0
 Other Total System Recoverable Expenses (Lines 7 + 8) Recoverable Costs Allocated to Energy 		33,657 0 29,657	0 53,654 13,654	33,412 0 33,412	33,290 0 \$3,290	33,166 0 33,165	33,048 0 33,645	32,923 0 32,923	32,832 0 32,632	32,679 32,679	32,557 0 32,557	32,435 0 32,435	32,313 0 32,313	395,816 0 395,815

b. Recoverable Costs Allocated to Demand

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BARTOW CTe (Project 4.1b) (In Defen)

l ine	Description		Beginning of Fend Amount	Projected Jan-10	Projected Feb-10	Projectus Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Frojected Sep-10	Projuctied Oct-10	Projected Nov-10	Projected Dep-10	Erid of Parlod Total
1 Investor		-		\$155,000	\$280,000	\$228,000	\$0	\$0	3 0	\$0	\$ 9	.80 0.	3Q 0	\$0 .0	\$0 Q	\$638,000
b. Clean d. Retire	ninges to Plant minute			0 0	0 0	1,513,040 0 0	0 0	0	0	0	8. 0	0°. 0	0	0	Q. Q.	
sl. Oshiri 2 Phanil-In-1	Service/Depreciation Sase		\$153, 899 (\$5,884)	153 698	153,091 (36,704)	1,665,738 (39,466)	1,008,738 (44,996)	1,066,738 (50,624)	1,658,738 (56,052)	1,666,734 (31,566)	1,656,735 (67,135)	1,668,738 (72,636)	1,665,736 (78,184) 0	1,686,738 (\$3,692) 0	1,686,738 (\$2,220) 0	
3 CERS AC	cumulated Depreciation		875.540	1 030 040	1,290,040	0	0	0	0	1 4 14 1 14	1 504 611	1.594.103	1.558.575	1,583,047	1,577,519	
4 CWIP - 1	In-marress anaming		\$991,055	1,147,645	1,407,035	1.627,271	1,621,743	1,618,215	1,830,867	1.003,104	1,000,001					
S Nel Hive	Net investmini			1,070,300	1,277,290	1,517,153	1,524,507	1,518,979	1,813,451	1,807,923	1,602,393	1,696,647	1,591,330	1,665,811	1,590,253	
7 Return o a Equit b. Debt c. Other	n Averige Net Investment y Component Grossed Lip For Tares Component (Lins 8 x 2/87% x 1/12)	10.35% 2.45%		9,228 2,545 0	11,012 3,037 0	13,000 3,607 0	14,008 3,862 0	13,956 3,849 0	13,911 3,636 0	13,883 3,823 0	13,815 3,810 0	13,788 3,787 0	43,720 3,783 0	13,872 3,770 0	13,625 3,757 0	\$157,968 43,478 0
i investme	ent Expenses					7 784	5 526	5:528	5,528	5,528	5,528	5,628	6,628	5,628	\$,526	53,536
a. Depri	sciation 3.98%			510	510	2,04	0	0	3	t)	Q -	9.	0	MCA U	NA	N/A
6. Distri d. Propi	rtzellivit activitiant etty Taxes 9,009138			N¥A. 1127 ₽	N/A 117	N/A 1,268 0	WA \$,288 0	N/A 1,288	N/A 1,2458 0	N/A 1,368	N/A 1,285 0	N/A 1,208	5,268 10	1,266 :	\$,268 0	12,954
e. Other	r								÷	04 483	98 A91	24.361	24,285	24,238	24,578	267,584
9 Total By a: Reco b: Reco	stein Recoverable Expenses (Lints 7 + 8 verable Costs Allocated to Energy werable Costs Allocated to Demand	1		12,400 0 12,400	14,675 0 14,675	20,719 0 20,710	24,864 0 24,084	24,603 5 24,603	24,643 0 24,643	24,452	0 24,421	0 24,361	0 24,299	24,238	24,578	267,564

.

Docket No. 090007-EJ Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-4) Page 4 of 19

.

.

PROGRESS ENERGY FLORIDA Environmental Cest Resource Causes (ECRC) - Capital Program Detail Support - Project 4, 1-4, 3 Recar JANUARY 2010 - DECEMBER 2010

For Project: ABOVE GROUND TANK SECORDARY CONTAINMENT - CRYSTAL RIVER 1 & 2 (Project 4.2)

Sin Collara)

Line	Description	Beginning of Period Amount	Projected Jac-10	Projected Feb-10	Projected May-10	Projected Apt-10	Projected May-10	Projucted Jun-15	Projected Jul-10	Projectéd Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-19	Projected Disc-10	End of Period Total
1	invertments														
	E. Expendeures/Addition		sa	\$0	\$0	60	\$0	\$0	10	特	\$9	30		\$9	10
	o Bafeanwrite		9	2	.0	9	9	0	<u>, 0</u>	đ	Ő	0	6	0	
	d Olbar		9	, v	10	¢.	9	9	0	ç	0	0	o	0	
			v	v	u	6	a a	9	Ģ	G	0	0	¢	.0.	
21	Plant-in-Service/Depreciation Base	\$33,092	33,092	\$1,092	33 092	31 692	33 692	33 697	.11.002	31,092	31/005	33 002	13-603	11 087.	
31	Loss: Accomutated Depreciation	(8,847)	(8,708)	(8,865)	(9.024)	10.1831	(9,342)	(16.5031	19.550	ŝu n-125	10 0781	(10 137)	rth 2001	10 4555	
- 44	CiVIP - Non-Interest Beering		0	0	0	0	0	0	5	.0	0	0	0	.0	
Ş 1	Ref Investment (Lines 2 + 3 + 4)	\$24,546	24 285	24,227	24,068	22,909	23,750	23,691	23,432	23,273	23.114	22,955	22,796	22,637	
67	Average Het Investment		24.465	24,368	24, 147	23,355	23,829	23,670	23,511	23,362	25,195	23,034	22.875	22,798	
21	Rafino an Austran Mat Lametanist														
	B. EGURY Conservation Grosset Up For Taxes 10.	35%	711	210	206	347	584	204	202			ánó.			
i	Provide Component Eline B x 2 57% x 1/121 21	8.5%	48	58	\$7	- 67	240	207	40a	203	200		EN C	199	32,441
č	c. Other			9	ŝ	0	0	0		200 D	30 10		54 Ŭ		. ar.s Ö:
	in an internet Free serves														
	a Descelation & 77%		+50		(44				i.e.					1.000	-
	h Amariantian			807	1000	304	104	154	154	168	109-	-198	159	398	1,908
	Dismanlament		N/#	NPA	14/6	194 ⁴	MIA	M/A V		NACA U	1	N/A	- U 	and in	- C
	t. Property Taxes 0.010480		29	29		29	29	29	20	- 29	26	29	.79	29	200
	a. Other		0	Ū.	0	0	<u> </u>	ī		0	à		ō	O.	1
93	Intal System Recoverable Expenses & inse 7 + 8)		457	458	463	457	450	644	447		145		430		E 978
	. Netoverable Costs Allocated to Energy		.0	ů.	6	. 0	4 <i>5</i> 0-		(m) (1)			0	4.59	140	9. J (Q
b	. Recoverable Costs Allocated to Elemand		157	458	463	457	450	44	447	425	101	. 442	410	454	£ 170

For Protect: ABOVE GROUND TANK SECONDARY CONTAINMENT - INTERCEBBION CITY CTs (Project 4.1c)

<u>Jine</u>	Description	Beginnie Patied Ar	g of Projected Noizhi Jan-10	Projected Paix-18	Projected Met-10	Projected Apt-10	Projected May-10	Projected Jun-10	Projuctaci Jul-10	Projected Aug_18	Projected Sep-10	Projected Oct-15	Projected Nov-10	Projected Dec-10	End of Period Total
1 (4	working site										.c.,	1.1			
	Angenerationer/Angeners		20	50	10	20	50	30	\$0	\$2	\$ 0	\$0	30	\$0	60
	Generation			0	9	0	9	0	0	0		g	0	0	
	When				Q:			4	<u>.</u>	0	2		<u> </u>	12	
-			•	•	•		u	Ŷ	ų		v	ų		v	
2 PI	ant-in-Banifos/Depreciation Base	\$1,05	664 1,681,664	1,061,004	1,667,664	1,051,084	1.551.654	1.651.664	7.561.054	1.661.664	1.651.654	1.661.664	1.661.664	1.661.664	
3 14	ips: Accumulated Depreciation	(17)	(193) (193),247)	(204,971)	(218,495)	(232,618)	(246,743)	(289,967)	(274,091)	(289,115)	(303,220)	(312,362)	1231.4871	(345.511)	
4 0	WiP - Non-Interest Bearing		0 0	0	0	Ø	8	0	0	0	D	Ø	D	0	
5 N	el invasiment (Lines 2 + 3 + 4)	\$1,48	.541 1,473,417	1.457,293	1,443,189	1,429,045	3,414,921	1,400,797	1,308,873	1,172,549	1,358,425	1,844,301	1,930,177	1,315,053	
8 A	variation high lanvastations		1.478.478	1,484,255	1,450,231	1,436,107	1,421,983	1,407,850	1,303,785	1,379,011	1,365,487	1,961,963	1,337,239	1 \$23 \$15	
T B	dura on Average Mat Interactioned														
· · •	Fastly Component Ground Un For Taxes.	6.35%	19:747	\$2 B25	12 503	19 185	12 280	12 428	*****	44 mile	14 773	11.001	44 670	14 462	6442 mm
<u> </u>	Debi Component (Line 6 x 2 57% x 1/12)	2.85%	3 516	3 462	3.449	3.414	3 385	3.347	2,010	1,000	1 348	4 2 4 3	1 570	1 148	20.020
¢.	Other		D	9	¢	Ð	0		0	8	0	0	0	0	0
A im	vasionent Penerses														
	Depreciatión 16.20%		14,124	14.124	14,124	14:124	14.124	16 124	18 124	14 124	14 124	14 174	14 124	14 128	189 487
b .	Americation		Ð	0	0	ç	0	0	D	9	0	0	0	3	3
C.	Distrimetions and		AVA .	N/A	MA	N/A	N/A	N/A	N/A	N/A	NA	NDA.	NA	N/A	M/A
d.	Property Taxes 0.007749		1,072	1,072	1.072	1,072	1,872	1,072	1,072	1.972	1,672	1,072	1,072	1,072	12,864
۰.	Other		0	0	<u>0</u>	¢	<u>0</u> .	0		¢.	Q	Q	0	2	Q
а то	int System Recovernitie Extenses // Inde ? + 81		95 65R	31 1018	45 147	38-692	10 837	30.60 Ĭ	30 638	- 10 371	10.014	30 000	20 844	70 740	787 747.
	Recoverable Costs Allocated to Energy		9	- 0	Ó	0.	10,037	0.001	20,020	0,211	au,#15 0	0		0	
b.	Recoverable Costs Allocated to Demand		31,458	33,303	21.147	30,992	30.637	30,881	30,526	80.371	30 215	36.060	29 964	29 749	387 243

Docket No. 090007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-4) Page 5 of 19

PROGRESS, ENERGY, FLORIDA Environmental Cost Recovery Clause (ECRC)-Capitel Progrem Detail Suppert - Preject 4.1-4.3 Recep JANUARY 2016 - DECEmetry 2010

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - AVON PARK CTs (Project 4.1d)

.las	Description	Beginning of Period Amount	Projected Jam-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jon-10	Projected Jui-10	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projected Des-10	End of Period Totel
1 İğuna al. Eb 5. Ci c. Fo	ithenis Krenski LitelAckilions eutrige to Flein Micrometts		, 4 8 0	50 0	\$0 0	10 0	50 Q	\$0 0	50	33) 0	\$0 9	10 0	141 0	(DE	19
4. Ół	ker		ő	Ď	ċ	ŏ	8	ő	0	v. 3	Š	ů.	5	ő	
2 Plani 3 Lask 4 CWB 3 Nat je	-In-Service/Depreciation Base Accumulated Deprecesson > Non-Interest Bearing restment (Lines 2 + 3 + 4)	\$175,838 {21,165} {0} \$157,777	178,938 (22,096) (0) 150,942	178,938 (23,031) (8) 165,907	178,936 (29,988) (3) 154,072	174,938 (24,491) (0) (54,937	178,938 (28,836) (9) 153,102	178,938 (28,771) (0) 152,157	178,038 (27,708) (0) 181,232	178,\$29 "(29,641) 	178,838 (29,678) (9) 149,362	178,938 (30,011) (0) 146,427	178,938 (31,448) (0) 147,492	\$78,938 (22,383) (0) 146,657	
4 Avera	iga Net investment		157,308	150,374	155, 639	154,904	183,568	152,634	151,698	150,764	149,629	140,804	147,959	141.024	
7 Refue a. Et b. De c. Of	s Sei Austrage Nat Investment Jully Component Gressed Up For Taxes 10.1 Ac Component (Sine 9 x 3.57% x 1/12) 2.6 Nat	15% 19%	1,368 374 0	1,348 372 0	1,340 370 9	1,332 367	1,324 366 0	1,310 363 0	1,300 361 6	1.300 386 5	1,292 356 0	1,284 354 8	1,276 352 0	1,258 350 8	\$15,744 7,342 8,
Binvest 4. De b. An c. Dia d. Pr 4. Pr	trent Expenses providelor: 8.27% protization interniestsit openty Taxes 0.008760 tar:	_	935 0 N/A 531	925 D NA 131 C	935 0 NKA 131 6	835 9 N/A 131 0	905 0 NKA 131 0	935 D NéA 131 0	835 0 NKA 121 0	935 1 N/A 131 0	935 0 N/A 131 0	935 0 N/A 121 0	935 8 N/A 131 0	935 0 N/A 131 0	11,220 0 NA 1,672 5
9 Ťotal a. Rec b. Re	System Recoversité Expanses (Lines 7 + 6) zoversble Costs Allocated to Energy coversible Costs Allocated to Demand		2,798 0 . 2,798	2.786 0 2,785	2,778 0 2,775	2,765 0 2,765	2,755 0 2,755	2.745 0 2,745	2,735 9 2,755	2,724 0 2,724	2,714 0 2,714	2,704 0 2,704	2,694 	2,684 9 2,684	32,878 8 32,878

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BAYBORD GTs (Project 4.1e) IIn Dollars)

Line	Description	Beginning of Period Amount	Projected Jen-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-19	Projected Dec-10	Fation Fation Total
1 Novice	រីវា ាតកិន្ទែ														
1. E	zpandituras/Additionis		\$0	\$0	\$3	30	\$0	\$0	\$0	\$ 0	SO	50	30		50
9. C	learings to Plant		0	0	\$	0	6	0	0	0	0	6	0	0	•••
e A	els en mult		Û	٥	9	0	0	Ó	ö	. 6	Ô.	0	Đ	p.	
d. (71	Raf		0	D	÷0	0	0	C	ē.	0	0	¢.	, Ó	Ø.	
2 Plant	in-Service/Depredia/lon Base	\$730,295	730,295	730,295	730,295	730,295	730,295	730.255	730.295	730,295	738,295	730 286	730 285	730 795	
3:Lous:	Accumulated Depreciation	(45,596)	(47,803)	(50,218)	(52,517)	(54,824)	157,1311	(59,438)	(0 1.745)	(64.052)	(86, 369)	(08.666)	(70.973)	273.280	
4 CWIE	P - Non-Interest Breeding	0	0	ò	0	0	D	0	8	6	.	P	0	0	
5 Net h	maximent (Lines 2 + 3 + 4)	\$664,699	642,593	680,088	\$77.77 P	875,472	673, 165	670,858	888,651	668,344	862,837	861,839	658,323	257,010	
6 Aver	iger Het Anventment		683,546	691,239	678,932	676,625	674,318	672,011	650 704	657,397	865.090	\$82,783	850 478	855 165	
7 Retur	n on Average Net Investment														
8. EC	safy Component Grossed Up For Taxes 10.1	19%	5,893	8.873	5,854	5.834	表:#14	5 794	5 774	5 754	5 734	6 214	6.604	5 #75.	560 407
B, Di	et Component (Lies 6 x 2.67% x 1/32) 2.1	65%	1.625	1.620	1.814	1.605	1,803	1.598	1.597	1.547	1.581	1.576	1.570	1.585	10 140
a. Ol	her		0	•	<u>ە</u>	0	0	0	Q	Q	0	0	C ·	Ð	0
8 trives	trient Expenses														
a. 04	speciation 3.79%		2,307	2,307	2.307	2,307	2,307	2.307	2,307	2.337	7 307	2 307	2 307	2 307	27 B&A
b. Ar	nortzelich		0	ģ	9	±	0	6	6	.8		÷	£.		
¢, Dh	STYLE STREET, BUT		NA	NºA.	N/A	N/A	N/A	N/A	N/A	-14/4	NTA	N/A	NVA	N/A	NU
d. Pr	operty Taxes 8.009120		555	556	558	556	556	555	558	555	556	556	658	556	6.675
e. 01	ber	_	0	<u>, t</u>	<u>q</u>	ę.,	0	0	0	0	9	0	0	·'0`	6
S Tobal	System Recoverable Expenses (Lion. 7 + 8)		10,381	10.355	10.331	10.306	10.280	10 255	110 278	10.200	10 125	10 153	10 127	10 103	123 903
1. Re	coverable Cests Allocated to Energy		. 0	0	8	0	0	0	0	6	0	а, ю.	Ц		
b. 🕂 e	poverable Costs Allocated to Demand		10.381	10,355	10.331	10,306	10 280	10 255	19 229	10 204	59-17A	10 153	. 30 127	10 363	129 103

Docket No. 090007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No. __(TGF-4) Page 6 of 19

.

CPD

PROGRESS ENERGY FLORIDA Environmental Coal Recovery Clause (ECRC) Capital Program Datail Support - Project 4.1-4.3 Recep

JANILARY 2010 - DECEMBER 2010

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - SUWANNEE CTs (Project 4.16) fin

3

n De	o litere	
_		

itte	Description	Beginning of Feriod Amount	Projected Jan-10	Prejected Feb-10	Projected Mai-50	Projected Apr-18	Projected May-18	Projectes Jun-10	Projected Jul-10	Projected Aug-10	Fillected Sep-10	Projected Oct-10	Projected Nov. 10	Projected One-10	End of Period Total
+ Isronali	गंबच्च														
6. ES#	stade a classical		\$0	\$0	\$0	\$0	\$0	\$6	\$0	60	\$0	50	- 50	.\$6	\$0.
D. CAN	NENISS TO Plant		0	0	9	0	0	Ű	. 0	0	Ó	۵.	8	0	
6. Kaja 1. Otha	aratiya/205		0	10	<u>e</u> .	ç	0	0	0	Ģ	0	0	, c	Q.	
	-		U	Ч	ę	Đ	0	6	Q.	Q.	0	0	6	.6	
2 Plant4	n-Bervice/Depresiation Base	\$1,037,188	1,037,199	1,037,199	1.037.199	1.037.199	1.037 160	1 637 189	1 037 199	1 7717 100	1 037 100	1.037.300	1.057 100	1 637 108	
3 Last.	Accumulated Deprecision	(84,360)	(87,999)	(#1 6361	(95,277)	(98,916)	(102,566)	(108.194)	(109.833)	(113.472)	(117.111)	2120 2601	1121 3843	7178.020	
4 C₩#P	• Non-Interest Beasing		0	D	8	Q	9	0	0	Ď	0	Û	C	.0	
5 NH IR	Andmont (Lines 2 + 3 + 4)	\$952,838	949,200	645,551	941,972	\$38,283	894,844	\$21 295	327,368	223,72?	\$20,988	938,449	\$12,810	.009,171	
U Ayinin	ne Mait Anoustenamit		Q51,020	947,381	843,742	949,103	936,464	\$32,825	929,185	925,547	921,905	918,269	914,836	910,991	
متدهده ۲	an demonstration and														
a Eco	Ry Component Grossed Up For Taxes 10.3	PAL .	8 190	8 165	A 137	8.105	8 074	8.041	4.544	7 045	7 0.48		7 888		
b. Det	x Component (Line 6 x 2 57% x 1/12) 2.81	F%.	7,291	2,252	2.244	2 225	3 276	2 214	2 200	1,000	1,848	2,611	1,090	7 184	360,322
c, Dth	er		0	Q	9	0		0	e	1	-, · · · ·	, , ,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			20,001
	1.14.1					,	_	-		-	•	•			•
2 299685	Nerf Expenses														
5 Lm	A COMPONIE U.Z 176		3,534	3,539	3,639	3,639	3.639	3,839	3,639	3,639	3,639	3,639	3,638	2,630	43,658
s Data	matterient		NKA	NKA ^y	N/A D	1076 U	50 A	604	9 	U NUM	ALCS.	,SI	-1044	194	9.
d. Pro	perty Taxes 0.007850		679	678	679	679	.678	879	879	A75	470	879	670.	870	1997 5
s. Ohs	W.	-	9	8	0		Ó					ő	0	0	0, 140. D
9 Tabel S	uiten Rennin shis Rutaness Sinse 7 e Bl		44 778	14 793	14 400	14 515		4.4 KYD	44 6757	14 688				44 MAR 1	
& Reck	averable Costs Allocated to Every			0 0	,	14,056	19,515	14,379	74,234	14,496	14,458	14,418	14,378	14,238	7/4.609
b. Rec	overable Costs Allocated to Demand		14,776	14 738	14,699	14,658	14,818	14,578	14,538	14,498	14,458	14,418	14,378	14,338	174,099

For Project: ABOVE OROUND TANK SECONDARY CONTAINMENT - DeBARY CTs (Project 4.1g) (in Ocileral

End of Period Total Projected Bigginning of Projected Projected Projected Projected Projected Jan-10 Protected Projected Projected Projected Nov-10 Projected Projected <u>Lipe</u> Description Period Ameunt Jun-to F##-10 Mar-10 Apr-10 May-18 344-10 Aug-10 Sep 10 Oct-19 Dec-10 1 investments e. Espenilitme/Additions b: Clearisigs to Plant \$0 \$0 **1**0 80 50 30 60 0 50 38 0 \$0 \$0 50 20 Ċ. .0 . ň đ 0 1 D Ð D c. Refrigmente - Ö đ ġ. 10 ٠ń ň ñ ā . d. Other Ð. 0 G đ Ô à ۰**6** 6 ۰ñ a 1 \$2,373,773 2 Plant in Bervice/Depreciation Base 2,573,773 2 373 773 2.378.773 2,373,773 (73,488) 2,373,773 2,373,775 2,273,773 2,378,778 2,373,773 2,373,773 2,375,775 2, 173, 779 3 Less: Acconsisted Depreciation 4 CWIP - Non-Interest Searing (46,703) (64,545) (37,782) (66,024) (87,287) (01,304) 1100,228) (100,150) (118.071) (120,992) (134,913) (144,834) (0) 10 2,318,149 (0) 2,309,226 2,300,307 (0) (0) 7,728,939 2,282,465 2.273.544 2,264,623 2,255,702 (0) (D) 5 Net Investment (Lines 2 + 3 + 4) \$2,338,891 2.327,070 S Average Net Investment 2 331 531 2,322,610 2,313,689 2,304,768 2,295,447 2,296,928 2,278,005 2,260,081 2,280,563 2,251,942 2,242,321 2.233.400 7 Return on Average Nat Investment a. Equity Component Crossed Up For Taxes b. Debt Component (Line 6 x 2.57% x 1/12) 20,102 19.871 19,794 8,458 10.35% 20,025 18,048 10,255 18 717 19,640 18,583 10.466 19,409 5,352 19:333 \$235,144 2.65% 3,843 5,622 5,501 5,489 8 5.416 6,395 5,574 5,331 6,437 05.138 0 c. Other 0 0 Ö 0 0 ð 9 6 ò 5 - 6 8 Investment Expenses a. Opprocletion
 b. Amortization
 c. Dismantionent
 d. Property Taxes
 e. Other 6.81% 6.021 8,921 8,921 8,921 8.021 8,921 1 921 8,821 8,921 1,921 8,921 5.021 107.052 Q ø Q. 0 8 Ó 0 ġ . Q Q. .0 0 8 N/A N/A NVA N/A N#A. NA NA. N/A N/A N/A N/A N/A NA 0.001170 1,834 1,854 1,634 1,834 1,834 1,834 1,434 1,634 1,834 1,634 1,834 1,834 22,00% ō. 9 Total System Recoverable Expenses (Lines 7+8) 38,400 0 35,302 430,323 58,204 36,106 30,007 35,809 35,011 35,713 35,615 35,516 35,419 35,321 Recoverable Costs Allocated to Energy
 Recoverable Costs Allocated to Demand 0 0 Ø 0 Ð Q D · 0. ø 0 6 . D 35,450 35,302 36,204 36,101 36,007 35,909 35,811 35,713 35,615 35,516 36,419 35,321 430,323

.

Docket No. 090007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-4) Page 7 of 19

CPO-

PROGRESS ENERGY ELORIDA Environmental Cost Recivery Clause (SCRC) Capital Program Dotal Suppol - Project 4, 1-4, 3 Recep JANUARY 2010 - DECEmpers 2010

For Project: ABOVE GROUND TANK RECONDARY CONTAINMENT - University of Ploride (Project 4.11) In Define)

Line .	Destipiton	Begianing of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projecties Jul- 10	Projected Aug-10	Projected Skep-10	Projected Oct-19	Projected Nov-10	Projected Dac-10	End of Period Total
1 Invest	trients														
. Ex	saodiluias/Additions		\$0	\$0	.80	# 1	\$0	.50	\$0,	\$0	30	\$0	80	\$0	\$0
b. Ck	eerings to Plant		0	9	3	•	0	0	9	9	Q	ō	0	0	
t, Re	cirements .		0	•	0	Ø	e	5	0 -	5	0	9	0	9	
4. QP	Y#F		0	0	0	C	Q	Ģ	.0	0	0	0	Ģ	Q	
2 Black	". Bandar Bannidhting Bana		531 A18	141 235	141 415	141 435	141 496	141 456	141 438	141 435	141 435	\$41 435	347 635	141.435	
1 1 4 4 4 4	A second france statistics	(17 378)	(37 642)	(17 968)	128 27.40	(38,590)	(39 904)	(36 222)	130 5381	(10 854)	(40.170)	149 4861	140 8075	45.178	
4 0000	- Non-Interest Regimer	(4), (4)	(0)	(D)	(0)	(0)	101	(03	103	(01)	50)	(0)	(0)	(0)	
5 Net in	mentment (Liries 2 + 3 + 4)	\$104,104	102.792	163.476	153,180	102,044	102,528	102.212	101,895	101,580	101,264	100,848	100,632	100,318	
		and the superior of the second states of the second second second second second second second second second se													
6 Avera	ge Net investment		103.959	103,834	193,318	103,002	102,588	102 370	102,054	101,738	101,422	181:108	100,790	100,474	
7 Rébut	t of Average Net investment														
a Ea	sity Component Grossed Up For Taxes 1	0.95%	695	893	\$91	888	885	863	880 -	677	874	672	809		\$10,574
5. De	bt Component R ine 6 x 2 57% x 1/12)	2.86%	247	248	246	245	244	245	243	242	241	240	240	239	2,910
R Of	her		Þ	0	0	Ð	\$	0	0	D.	0	a	. 8	0:	0
6 itweet	meni Exhenses														
A De	precision 2.58%		\$16	315	316	316	ð1¢.	318	316	318	316	316	518	316	3,792
la An	natization		8	0	0	0	0	0	Ŭ.	\$	3	. D	0	0	0
c. Dit	maritiement		NA	N/A	NIA	N/A	AVA	NRA	NIA	NEA	N/A	NA	NKA	N/A	, NKA
d. Pri	operty Taxes 9.013290		182	163	343	163	163	183	163	167	153	163	163	103	1,956
<. OI	hat	-	<u>¢</u>	Q	0	0	<u>. Q</u>	0	· 0		9.		D	<u>9</u>	0
S Total	Sustain Recountable Subarcan (1 mas 7 + 8)		1.622	1.618	1.816	1.812	1.608	1,605	1,802	1,595	1.594	1,591	1,588	1,584	19,238
n Par	soverable Costs Allocated to Energy		0	0	0	0	. 0	6	.0	P.	0	.0	. 0		
b, Re	coverable Costs Allocated to Demand		1,022	1,618	1,818	1,612	1,808	1,805	1,602	1,598	1,594	1,591	1,608	1,864	19,235

For Project ABOVE GROUND TANK SECONDARY CONTAINMENT - Ancions (Project 4.3)

 _	

ine Description	Beginning of Period Anista	Projected Jan-50	Projected Feb-19	Projectad Mar+10	Projected Apr-10	Projected New-10	Projecting Jan-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Projected Dol-10	Projected Nov-10	Projected Gec-10	Frink of Painload Total
1 Investiments a. Expenditume/Additions b. Claeringe in Plant c. Raitrepreting d. Obliar		10 0 0 0	52 15 0 0	10 0 0	6 0 0	35 0 0 0	\$0 0 0	99 0 0	9 9 9	50 0 0 0	50 57 0 8	36 0 0	50 6 8 0	oć
2 Plant In-Bervios Depreciation Base 3 Less Accumulated Depreciation 4 CWIP - Non-Inferent Bearing	\$290,397 [22,21	286,297) (23,283)	250,297 (24,285) 0	290,297 (25,378) 0	290,287 (26,586) 0	296,297 (27,393) 0	290,297 (26,428) 0	290,297 (29,463) 0	290,297 (30,499) 0	290,297 (31,533) Q	290,297 (32,584) 9	290,297 (13,603) 0	290,297 (34,638) 0	
5 Net investment (Lines 2 + 3 + 4)	\$288,00	267,043	255,010	204,975	263,940	292,905	251,870	260,835	269, 803	264,768	257,730	256.605	255,660	
8 Average Net Investment		267,582	269,527	285,482	264,457	282,422	282,387	281,352	200,317	269,282	255,247	267,212	256,171	
7 Ratuin on Availage Nat Investment 8. Equity Component Grossed Up For Taxes 5. Debt Component (Line 8 x 2.57% x 1/12) 4. Other	10.35% 2.85%	2,307 636 0	2, 296 634 0	2.269 831 0	2,200 620 6	2,271 620 -0	2.262 624 D	2,253 521 6	2,244 019 0	2,235 616 9	2,227 814 D	2,218 6)2 0	2,209 609 0	\$27,093 7,471 0
9 Investment Expension 8. Depreciation 6. Amortization C. Dishubitant 1. Property Taxes 8. Office 9. Office 1. Off		1,035 N/A 172	5,035 ∂ №4 172	1,035 D IVA 172 Q	1,636 P N/A 172 D	1,035 % N#A 172 6	1,035 & N#A 172. 0	1,035 A N/A 172 D	1,835 D NAA 172 0	1,038 0 N/A 172 0	1,035 D N/A 172 0	1,035 0 WA 172 0	1,038 0 NJA 172 0	12,420 0 NiA 2,064 0
B. Tolsi System Recoverable Expenses (Lines 7 + 8 a. Recoverable Costs Allocated to Energy b. Bernerable Costs Allocated to Dimend	1	4,160 D 4,150	4,139 0 4,139	4,32Y	4,138 0 4,118	4,104 0 4,104	4,092 0 4:093	4,051 0 4,061	4,070 Q 4,070	4,058 0 4,158	4,048 0 4,048	4,037 0 4,037	4,026	49.048 0 49.048

Docket No. U90007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-4) Page 8 of 19

.

PRÖGRERE ENERGY FLOSIDA Enversmental Cost Recovery Clease (ECRC) Capital Program Datal Supject - Project 4:1-4:3 Recept JANUARY 2019 - DECENBER 2010

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Crystal River 4 & 5 (Project 4.2a)

1	Del	「「「	1	
	2 ,22	<u>ца</u> .		

Inte	Description	Be Per	ighning st red Amount	Projected Jan-10	Projected Feb-10	Projected Mas-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projectad Jul-10	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projected Gen-10	End of Period Tate
1 Inven a. Ei	tetente mendinges/Additions			14	44	in.	**					i.				
8.0	etrindis to Plant						90 A	26	50	4	- 50	-50	- \$0	. \$9	\$6	50
¢. 🕅	dirementer			อ้		л	ů	v A	Ň	U.	v,	. 0	g	Q	<u>e</u>	
d. Oti	hape			ă	0	à	ő		ž	- n-	v n	Ф	, v		- D.	
	and the second second second		1.94.1			•	-	-	•	•			v	.*	. *	
2 Plans	in-Service/Depreciation Save		\$2,035,690	2,035,699	2,015,596	2,035,696	2,035,635	2,035,008	2,485,489	2,035,695	2,035,086	2,035,598	2,035,698	2.035.696	2 035 668	
3 .651	Accumulated Depreciation		(\$9,422)	(83,633)	(88,244)	(72,655)	(17,008)	(81,477)	(85,886)	(99,299)	(94,710)	(99,121)	(103.532)	(107,943)	(112.354)	
A CAAN	~ NOT-Istates Bisting	·	9	6	0		<u>¢</u>		0	Q.	0	a	0	ø	Q	
3 1997 H	waamwart jilmaa 3 + 3 + 4j		\$1,976,276	1,971,605	1,997,454	1,963,043	1,956,632	1,954,221	1,949,010	1,945,399	1,840,986	1,938,577	1,932,108	1 927 755	1.023.344	
6 Avera	ge Nat izvestment			1.974.071	1,969,660	1,965,248	1,980,638	1,966,427	1,952,016	1,947,805	1,843,194	1,038,785	1,934,372	1,929,961	1,925,550	
7 Retur	is on Averaise Net Investment															
s. Eg	dily Component Grasses Up For Yacas	10.35%		17.020	10 082	28 944	16.006	18 664	68-810	16 703	18 764	-14 740	18.070	115 658	10.000	-
a. De	bt Component (Line 6 x 2.57% x 1/32)	2.85%		4,693	4.663	4.672	4 662	4 651	4 841	4630	4.636	4.654	10,014	4 608	19.043	adr.,/30
0 O B	har			÷ 0	6	Ø	0	đ	Ġ	0	4			7,000		04.038
	e suaster a									•	-	•	•	•	•	
a severa	Ron Expenses															
10. UM 6. Am	preciseors 2.50%			4,433	4,411	-4,411	4,431	4,411	4,411	4,411	4.411	4,41	4,411	4,411	4,411	52,032
- 04	(manifestati			U Abre				0	¢	9 .	0	0	0	0	· Q:	Ű,
d. Pro	poerty Taxes 0.010480			1.778	1 271	1 774	1 771	1 778	1100	1 176	184	NDA:	N/A	TOA .	NA	N/A
# 01	her			Ō				1,110	رe	1,170	1,110	5,7790	1.440	3,449	n,r/≢ 5	1,385
						*****		E					······X	-***	<u>x</u>	
a Jouri	Gystern Recoverable Expenses (Lines 7 + B)	•		27,002	27,854	27,805	27,757	27,708	27,600	27,811	27,583	27,514	27,458	27,410	27,368	331,024
8. Rec	xverace Come Acculed to Energy				0	0	0	0	6	.0	0	0	0	.C	Ø,	0
0.00	Constructs Costs whoches to Delugrad			27,902	27,654	27,805	27,367	27.708	27,000	27,611	27,653	27:514	27,408	27.418	27,368	331.827

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Hisons (Project 4.1)

Line	Omaiston	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Prejected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Prejected Oct-10	Projected Nov-10	Projected Dec-10	find of Period Total
1 214	estments														
鎌.	Expenditions/Additions		\$0	\$0	\$0	80	\$0	30	50	#0	50	6 5	10	50	
b . 1	Clearings to Plant		¢	0	0	8	0	ů.		ň	D		6	** D	••
c : i	Ratirements		0	ρ	ð	0	0	ō		9	0	ŏ	.0	5	
ä. 6	Cel);er		0	Ö	0	, Ó	ò	0		0	0	0	Û	6	
2 Pie	nt-in-Service/Depreciation Base	\$343,893	343,883	343,893	343,893	343,693	343,893	342 693	343 893	343.693	243 692	343 493	845 895	343 893	
3, Les	8: Accumulated Depreciation	(10,374)	(10,956)	(13,534)	(12,120)	(12,702)	(13,284)	(13,000)	(14.448)	(15,038)	(15.612)	(16.184)	(16,776)	17.3585	
4 CW	nP + Non-Interest Bearing	(9)	(Q)	(0)	(9)	(0)	101	(O)	(0)	(9)	(0)	(0)	(C)	(0)	
5 Net	Investment (Lisen 2 + 3 + 4)	\$333,819	332,937	317,335	\$21,775	331 191	\$19,400	336,027	329,445	328,652	326,281	327,698	\$27.117	326,535	
B AVE	ninge Net kwestmest		333,728	332,648	332,064	331 482	330,900	330,318	328,738	320,184	328,672	327,960	327,408	326,826	
7 Ret	vice on Avantan Alei Invititiment														
	Eauty Component Grossed Up For Taxes 59.3	7%	2 873	7 658	2.863	2 858	2 583	7 848	7.841	** # \$ #	7 692	in enie	****	0.010	******
b. 1	Debi Component (Lise 6 x 2.57% x 1/12) 2.8	5%	792	791	759	788	767	785	78.5	281	74.1	780	2,043 718	2/0/0	0PT_P66
c. (Other		0	0	0	5	0		.0	0		ő	Ď	5	.0
Á tria	uniment Experies														
	Bebrecisting 2.63%		582	582	683	682	682	683	cira	510	687	842	645	807	0 P
	Amortization		0	0	Â	re e		 h				404		002	0,904
	Dismantiement		N/A	N/A	NE	NEA	N/A	AVA.	NH/A	NZA	NIA	N/K	NA	N/A	
e. 1	Property Taxes 0.009130		262	262	262	262	262	262	282	282	212	262	262	762	144
* 4	Derer	-	0	¢	. 0	Ő.		0		· q .	0	<u> </u>		0	6
9 Toti	al System Recoverable Expertses (Littes 7 + 8)		4,509	4,503	4,498	4,490	4.484	4 477	6.671	4 458	4 458	4 455	à 485	a and f	51 686
a, R	scoverable Costs Allocated to Energy		0	0	0	0	0	5	0	0	0		, 0	0	40,000
b. 1	Recoverable Casts Allocated to Demand		4,509	4,593	4,498	4,493	4,484	4.477	4.475	4,405	4.458	4.452	4.445	4.439	53 836

Docket No. 090007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-4) Page 9 of 19

PROBRESS ENERGY PLORIDA Environmental Cost Recovery Clause (ECRC) Capital Program Distail Support - Project 7.2 Recep JARVARY 2010 - DECEMBER 2019

For Project: CAR CTs - AVON PARK (Project 7.2a) (in Dollars)

<u>Line</u>	Description	_	Begianing of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jul 10	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projected Dec-10	Period Total
1 brv 1. b. c. (estments Expenditures/Additions Clearings to Plant References Other			\$0 0 0	\$0 0 0	\$0 0 0	\$0 0 0 0	\$6 0 0	\$0 6 6	50 0 0	\$0 0 6	\$0 0 0 0	30 0 0	\$0 0 0	\$0 0 0	\$0
2 Pia 3 Las 4 CV	nn-In-Service/Depreciation Base ss: Accumptated Depreciation VIP - Non-Interest Beering	~	\$161,754 (4,583) D	191,754 (5,150) 0	161,754 (5,247) 0	181,754 (8,344) 0	161,754 (6,941) 0	161,754 (7.538) 0	161,754 (8,135) 0	161,754 (8,732) 0	101,254 (9,329) 0	161,754 (9,926) 0	101,754 (10,523) 0	161,754 (11,120) C	161,754 (11,717) 0 150,017	
5 No 8 Avi	(Investment (Lines 2 + 3 + 4) enge Net investment		\$187,201	156,903	156,306	155,410	154,813	154,515	153,918	153,321	152,724	152,127	181,530	150,933	150,338	
7 Re 5, 5, 0,	turn on Average Net Investment. Equity Component Grossed Up For Tasks Debt Component (Line 6 x 2.67% x 1/12) Citter	10,35% 2.85%		1,353 373 0	1,348 372 0	1.342 370 0	1,357 369 0	1,332 367 0	1,327 388 0	1,322 385 0	1,517 363 0	1,312 382 0	1,309 365 0	1,301 359 0	1,298 357 0.	\$15,893 4,383 0
8 İriv A, 5. 6. 6.	isimeni Expenses Depreciation 4.43% Americation Dismanifermeni Dismanifermeni Property Taxes 0.009760			597 Ú N/A 118	597 0 N/A. 118	597 6 N#A 118	597 0 N/A 118	507 0 N/A 115	597 0 N/A 118	597 0 NKA 118	587 D NFA 118	597 0 N/A 118	547 0. 118 1	597 N/A 118	597 0 NJA 118 0	7,184 0 N/A 1,415 0
e. 9 7oi 11. 11.	Other Lai System Resouverable Expenses (Lines 7 + 8) Recoverable Costs Allocated to Energy Recoverable Costs Allocated to Demand		-	2,441 0 2,441	2,435 0 2,435	2,427 0 2,427	2,421 0 2,421	2,414 0 2,614	2,408 0 2,408	2,402 0 2,402	2,395 0 2,395	2.389 0 2.389	2,381 0 2,381	2,375 0 2,375	2,368	28,856 0 28,856

For Project: CAIR CTs - BARTOW (Project 7.2b) (in Dollars)

Line	Description	Beginning of Period Amount	Projected Jan-10	Projected Fet-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jac-10	Projected Jul-10	Prejected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projected Dec-10	Period Total
1 (my) a. (b. (c. (d. (estinjents. Expenditivnes/Additions Clearings to Ptent Rentingments Dilher:		\$0 8 9 0	\$0 -0 10 10	\$0 0 0	50 0 10 0	- 1 0 6 0 0	50 10 10	\$0 0 0	-940 10 10 10	\$0 0 0	\$2 5 0	\$0 0 0	\$0 0 0 0	50
2 Pla 3 Lus 4 CW	nt-In-Service/Depreciation Base 9: Accumulated Depreciation nP - Non-Internat Benning	\$278,347 (19,273) Q	275,347 (19,798) 0	275,347 (20,323). Ø	275,347 (20,848) 0	275,347 (21,373) 0	275,347 (21,898) 0	275,347 (22,423) 0	276,347 (22,948) 0	275,347 (21,473) 0	275,347 (23,998) 0	275,347 (24,523) D	275,347 (25,048) 0	275,347 (25,573) 0	
5 Nei	Investment (Lines 2 + 3 + 4)	\$256,074	255,549	255,024	254,499	253,974	253,449	252,924	252,399	251,874	251,349	250,824	250,299	249,774	
8 Ave	arage Net Investment		285,812	255,287	254,782	254,237	253,712	253,187	252,662	252,137	251,612	251,087	250,582	250,037	
7 Re(4. 5. 6.	um on Average Net Investment Equity Component Gressed Up For Texes 10.35 Debi Component (Line 8 x 2,57% x 1/12) 2.85 Other	X.	2,200 508 0	2,291 697 0	2,195 896 0	2,192 504 0	2,187 603 0	2,183 602 0	2,178 691 0	2,174 599 0	2,169 598 0	2,185 597 0	2,160 506 0	2,158 594 0	\$26,167 7,215 0
8 inv 8. 0. d.	estment Expenses Depreciation 2,29% Antrotizetion Disripantement Property Taxes 0,003130 Other	-	525 NKA 2010 00	525 0 N/A 209 3	525 0 N/A 209 0	525 0 N/A 209 0	525 0 N/A 209 0	528 0 N/A 209 0	525 0 N/A 209 8	\$25 0 N/A 209 0	525 0 N/A 209 0	525 0 N/A 209 0	525 0 N/A 209 0	525 0 N/A 209 0	8,300 9 NZA 2,508 0
9 Tot a, F D.	al Bysiem Recoverable Expenses (Lines 7 + 8) Recoversitie Costs Allocated to Energy Recoverable Costs Allocated to Demand		3,548 0 3,548	3,542 0 3,542	3,536 0 3,538	3,530 p 3,530	3,524 0 3,524	3,519 0 3,519	3,513 0 3,513	3,507 B 3,507	3,501 0 3,501	3,496 5 3,490	5,490 C 3,490	3,484 G 3,464	42,195 0 42,190

Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-4) Page 10 of 19

CPD

متاديس

•

.

PROSRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Capital Program Detail Support - Project 7,2 Recep JANUARY 2010 - DECEMBER 2010

For Project: CAIR GTs - BAYSORO (Project 7.2c) (in Dollars)

Line	Description		Beginning of Period Amount	Projectad Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-19	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Projectes Oct-19	Projected Nov-10	Projected Dec-10	End of Period Total
1 İnver a. E b. C	stments xpenditurss/Additions teatings to Plant			\$0 0	\$0 0	. \$13 0	\$0 0	\$0 11	\$0 0.	. \$ 0	\$0 0	#0 0	ŝŭ O	\$0	\$0 0	. \$0
c, R d, O	atiraments Star			0	¢	ů Q	0	0	0 0	0	0	0	0	0 0	ů.	
2 Pian 5 Less 4 CWR	No-Service/Depreciation Base Construction P - Non-Internal Bearloo		\$196,565 (11,079) 0	198,968 (11,772) 0	198,968 (12,465) 0	198,895. (13,1\$8) 8	198,988 (13,651)	198,988 (14,544) 0	198,988 (15,237)	195,988 (15,930)	198,968 (16,823)	198,968 (17,316)	196,985 (18,009)	196,968 (18,702)	198,968 (19,395)	
ti Net)	avesiment (Lines 2 + 3 + 4)		\$187,888	187,215	188,523	185,830	185,137	184,444	183,751	183,058	182,385	181,572	180,979	180,286	179,593	
6 Aven	ege Nel investment			187,563	186.870	156,177	185,484	184,791	184,098	163,405	182,712	182,019	181,328	160,653	179,940	
7 Reiu #. E 5. D 6. O	m on Average Net Investinent guty Component Grossed Up For Texes ebt Component (Line 5 x 2 57% x 1/12) Ger	10.38% 2.65%		\$,617 446 0	1,611 444 0	1,605 443 0	1,599 441 B	1,593 439 D	1.587 438 D	1,581 436 0	1,\$75 434 0	.:1,589 433 0	1,563 431 0	1,657 429 0	1,551 428 0	\$19.008 5,242 8
8 biver a.D b.A 0.D 0.D 0.P 1.P	ilnieńi Expenses spreciation 6,78% montzakon anantinenti operty Taxos 0,009430 Utei		_	693 0 N2A 151 0	693 9 N/A 151 5	593 0 N/A 151 0	063 0. N/A. 151 0.	883. 0 N/A 151 0	793 0 N/A 151 0	663. 0 181 0 0	593 0 N/A 151 0	693. 0 NFA 151 0	893 0 N/A 151 0	681 0 N/A 151 0	593. O N/A 151 0	8,316 0 N/A 1,812 9
9 Total s. Re b, Ri	System Recoverable Expenses (Lines 7 + 1 novemble Costs Allocated to Energy ecoverable Costs Allocated to Demand	0		2,907 0 2,907	2,899 0 2,899	2,692 0 2,692	2,884 0 2,864	2,876 0 2,876	2,869 0 2,889	2.861 0 2,861	2,853 0 2,853	2.546 0 2,545	2,838 0 2,830	2,830 0 2,830	2,823 0 2,823	34,376 0 34,378

For Project: GAIR CTs - DeBARY (Project 7.2d) (in Dollars)

Line_	Description	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Prejecied Juni 10	Projected Jul-10	Projected Aag-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projectad Dec-10	End of Period Total
1 inves	hands			تەب.				21		44		<i></i>		·	. 21
a, E	pendituses/Additions		\$0	\$0	\$0	\$0	\$0	\$0	30	20	50	3 2	\$Q	50	24
15. Çi	warings to Plant		0	0	0	0	0	0	0	0		Ų A			
C. Re	direments		U 0	. v		Ň		ů,		v	u n	Х	, v	0	
G. UI	aer.		v	Ŷ	v	•	v	v	v	v		Ψ.		•:	
2 Phillip	In-Service/Depreciation Base	\$87,487	87,867	57,067	87,667	87,667	87,667	87,667	87,667	87,667	87,687	87,687	87,007	87,667	
S Loss:	Accumulated Depreciation	(6,376)	(5,657)	(6,939)	(7,221)	(7,803)	(7,785)	(8,067)	(8,349)	(8,631)	(8,013)	(9,195)	(9,477)	(8,759)	
4 CWIP	- Non-Interest Elearing	<u> 0}</u>	<u>(0)</u>	<u>(0)</u>	Ø	<u>e</u>	Ø_	O	(Ø)	<u>(0)</u>	(0)	(0)	(0)	(0)	
5 Net la	evestment (Lines 2 + 3 + 4)	\$81,292	81,010	80,728	80,44 5	80,184	79,882	79,600	79,318	79,038	78,754	78.472	78,150	77,908	
6 Aver	ige Net Investment		81,151	80,869	80,587	80,305	80,023	79,741	79,459	79,177	76,895	78,513	78,531	78,049	
7 Rielun	n on Avenige Net Investment												· · · · ·	·	
#. E q	uity Composent Grossed Up For Taxes 10.3	6%	700	897.	695	892	690	665	635	683	660	878	675	473	\$8,236
b. De	bt Component (Line 6 x 2.57% x 1/12) 2.4	5%	193	192	192	191	190	190	189	188	180	187.	185	156	2,272
G. 04	her		Ö	0	Ű	3	0	Ģ	0	ů.	0	0	9 .	0	D
\$ invest	kmeni Expenses														
a, De	Hyeciation 3,#6%		282	282	282	282	262	252	282	262	282	282	282	282	3,384
b. An	nortization		0	0	Ó	0	ġ	Ģ	o	Ŭ	0	ŋ	0	0	0
c. Dfi	mantiement		NA	NA	N/A	NKA	N/A	N/A	NRA	NIA	N/A	N/A	HA	N/A	N/A
d. Pa	operly Taxes 0.009270		68	68	68	88	68	68	88	63	65	95	95	66.	010
0. Qt	nse	-	0	Q.	0	<u> </u>	0	9	<u> </u>	0		¥			<u> </u>
S Total	System Recoverable Expanses (Lines 7 + 8)		1.243	1,239	1,237	1,233	1,230	1,228	1,224	1,221	1,218	1 215	1,211	1,269	14,708
\$, R#	coverable Costs Allocuted to Energy		0	.0	0	0	. 0	0	0	0	Q.	0	0	0	0
b. Re	covarable Costs Allocated to Demand		1,243	1,239	1,237	1,233	1,230	1,228	1,224	1,221	1,218	1,215	1,211	1,209	14,708

Docket No. 090007-EJ Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF.4) Page 11 of 19

.

.

PROGRESS ENERGY FLORIDA Emfrosmenial Cost Recovery Clause (ECRC) Ceptial Program Detail Support - Project 7.2 Recep JANUARY 2010 - DECEMBER 2010

For Project: CAIR CTs - HEGGINS (Project 7.2e)

Line	Description	Beginning of Period Amaiint	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Prójeciad May-10	Projected Jain 10	Projected Jul-10	Projected Aup-10	Projected Sep-10	Projected	Projected	Projected	End of Period
1)	πyaμînîên (ini											00.10		1240-10	1 (481
	Expenditures/Additions		5 1				, i								
1	, Eleannos to Plant		**		30	-30	\$0	\$0	-\$0	- \$0	\$0	\$0	\$0	\$0.	\$0
-0	. Relitements		ž	å	ž	0	8	0	0	D	0	0	Ð	Ū.	
c	. Other		ž		, in the second s		0	0	•	D D	0	0	Ŭ.	ت	
			•	Ű	0	.0	0,	0	0	D	0	.0	Ô.	. 0	
2 \$	Plant-In-Service/Depreciation Sasa	6348.490	345 490	945 400	145 400	*** ***									
51	ess: Accumulated Depreciation	78,4975	8.539	28 5411	10,000	345,494	343,490	345,490	345,490	345,490	345,490	345,490	345,490	345,490	
4 0	WIP - Non-Interest Bearing	6	6	(4, 447)	(0. KAU)	(0,003)	(0,907)	(5,749)	(5,591)	(5,433)	(8,275)	(5,117)	(4,959)	(4,801)	
5 N	let Investment (Lines 2 + 3 + 4)	\$331.753	336.951	330 100	110 287	990 /08				<u>, </u>	. 0.	0	0	0	
	•			408,104	038,207	238,425	A38,503	339,741	339,809	340,057	340,216	340,373	340,531	140,649	
đA	verege Net Investment		338,872	339,030	339,188	339,245	339,504	339,662	339,820	339,976	340,136	340,294	340,452	340.010	
7 #	etum on Average Net Investment														
	Easily Component Growned Lin For Taxas 18	38%													
5	Debi Component (Line 6 x 2 57% y 1/12)	85%	2,962	2,823	2,624	2,925	2,927	2,928	2,930	2,931	2,933	2,934	2,935	2.937	\$35,150
6	Other		000	-pvo	2010	807	807	308	805	506	809	605	809	810	P.693
			U	v	Q	D.	0	Q	Q	ø	0	0	ð.	đ	Đ
8 in	vestment Expenses													-	
	Depreciation -0.55%		(168)	(158)	21 R.M.	14.78X	22.5	مدندةه							
b.	Amontization		() n	(100)	(156)	(158)	(158)	(158)	(186)	(158)	(158)	(156)	(168)	(158)	(1,896)
4	Dismantiensent		N/A	N/A	N/A	AND A		Dit	0	0	0		0	0	0
d,	Property Taxes 0.009130		265	285	283	101	10/4	N/A	N/A	N/A	N/A	N/A	NA	NA	N/A
ð.	Other		0	D D		×05	203	263	263	263	263	263	253	253	3,158
		-					<u></u>		- U	<u> </u>	0		0	0.	0
9 70	stal System Recoverable Expenses (Lines 7 + 8)		3,833	3.834	3.835	3 435	1.610	1.4.4						-	
	Recoverable Costs Affected to Energy		0	0	0	0	0	- 10	3,043	3,544	3,847	3,848	3,849	3,852	46,103
b .	Recoverates Costs Allocated to Demand		3,833	3,834	3,435	3,838	\$,839	\$,841	3,843	3.844	1.847	1.846	1.849	3 857	45 103

For Project: CAN CTs - NTERCESSION CITY (Project 7.2)

Line	Description		Beginning of Period Arnouni	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jai-F0	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Prejected Dec-10	End of Period Total
f Invest	siments -															
4. E	zpenditures/Additions			\$0	4 0.	**	أسد			2	- 1					
b. C	learings to Plant			ñ			**	- 50	\$0	\$0	\$0	.\$0	\$0	\$0	\$0	58
6. F.	elizements			ň			U.	9	0	0	C C	ť	-0	0		
đ. Öt	ter i				Č.			a	0	Q	a	¢	Ŭ.	Ő	- Q	
				•	v	, u	•	0	0	0	0	đ	Q.	0	9	
2 Plant	-in-Service/Depreciation Base		1144 683	140 587	340 583											
3 Luss:	Accumulated Depreciation		(11 459)	(22.505)	ME 4845	349,363 (17 067	349,553	349,583	349,583	349,583	349,583	349.553	349.583	349,553	349,583	
4 CWI	- Non-Interest Bearing			(ALK), VODY	(20,141)	(27,940)	(30,843)	(33,689)	(26,535)	(59,381)	(42.227)	(45,073)	(47,919)	(50,765)	(53,811)	
5 Net h	avestment (Lines 2 + 3 + 4)		\$330 126	327 270	774 422	121 647	V	0	0	D		<u>.</u>	0	0		
		~~~			324,403	721,007	310,741	315,095	313,049	310,203	307.357	304,511	301,085	298,519	295,973	
6 Aven	age Net Investment			328,702	325,858	323.010	320,184	317,318	314,472	311,526	308,780	305,934	303,088	300,242	297.396	
7 Retur	n on Average Not Investment															
6. Es	with Component Grossed Up For Textes	10.38%		2 814	2 408											
b. De	bt Component (Line 8 x 2.57% x 1/12)	2.85%		781	4,009	2,703	2,760	2,730	2,711	2,687	2,862	2,638	2,613	2,689	2.564	\$32,388
e. 0	lier	2.00 10			(12	/05	761	754	748	741	734	727	721	714	707	8,931
				v	v	0	.0	0	0	9	0	. 0	Ð	Ø	0	D
8 breas	finant Expenses															
#. De	erwciation 0.77%			7 845	2 245	7 848	* ***			2.00						
b, An	onization			A,010	£,0-0	4,040	2.MO	2.040	2,848	2,848	2,846	2,848	2,846	2,846	2,846	34,152
o. Dia	mantlement			NA	NUA	bitA	LUA U	<u>сиз</u>	ç	10 Lún	0	0	0	Đ.	.0	0
d. Pri	openty Taxes 0.007740			225	975	295	PV/A	NER	N/A							
a. Ot	her				ň		***	220	225	225	225	225	228	228	225	2,700
				teter to a second second		<u>v</u>	<u> </u>		0	0	0	Q	· D.	0	0	- <b>Q</b> -
P Total	System Recoverable Expenses (Lines 7 +	<b>5</b> }		5,565	6.655	8.624	8 405	A 401	6 890	a 100		a state	1.1.1	1.12.01		
it. Red	severable Costa Allocated to Energy			.0	0	0	5,052	-0,001	0,530	0,499	5,457	6,438	6,405	6,374	8,342	76,171
b. Re	coverable Costs Allocated to Demand			8,000	6.655	5.824	6 697	# 40 t		0	0	0	0	0	, O	0
					*		0,002	3,301	a,aau	0,439	6,467	0,438	8,405	6,374	8,342	78,171

.

Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-4 Page 12 of 15

## PROGRESS ENERGY FLORIDA Environmenial Cost Recovery Clause (ECRC) Capital Program Detail Support - Project 7.2 Recep JANUARY 2619 - DECEMBER 2010

### For Project: GAIR GTS - TURNER (Project 7.20)

Line Description	Period Amount	Jan-10	Feb 10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Prejected Sep-10	Projected Oct-10	Projected	Projected Dec-10	Patiod Total
1 Investments														
a. Expenditures/Additions		\$tri	**	**	**		-							
b. Clearings to Plant				~	**		\$0	. #0	\$0	<b>6</b> 0	\$0	\$0	\$0 .	50
c. Retiremants		ñ	ž			5	<b>U</b> .	0	0	0	Ø.	- <b>O</b> -	0	
d. Other				ň			a la	-0	0	0	<u>o</u>	0	0	
and the second second second second second second second second second second second second second second second			•		U	9	0	¢.	0	0	b'	. 0	6	
2 Plant-in-Service/Depreciation Base	\$134.012	134 012	134 012	114 015	174 017				1.00	101.00	12000		* . t	
3 Loss: Accumulated Depreciation	17.767)	(7.854)	(7 8411	(1.634)	104,012	104,012	134,012	134,012	134,012	134,012	134,012	134.012	134,012	
4 CWIP - Non-Interest Bearing		4	A	(0,040)	10,110)	(0,202)	(a,263)	(8,376)	(8.463)	(8,550)	(8,637)	(8,724)	(8,811)	
5 Net investment (Lines 2 + 3 + 4)	\$126.245	125.158	128 021	125 484	126 867	101 010		0	0	0	0	0	0	
					123,087	129,610	725,723	125,638	125,548	125,462	125,375	125,288	125,201	
6 Average Net Investment		126,201	128,114	128,027	125,940	125,853	125,756	125,679	125,592	125,505	125,418	125.381	125,244	
7 Return on Average Net investment														
a. Equily Component Grossed Un For Taxas	10 38%	4 /100				t and								
b. Debt Component (Line 8 x 2,57% x 1/12)	7 35%	100	1,007	1,087	1,088	1,065	1,084	1,084	1,083	1,082	1,061	1,081	1.660	\$13,008
a. Other			300	302	299	299	299	299	299	298	298	298	298	3,587
		U		ų.	0	D	0	Q.	0	-0	٥	D	0	0
6 Investment Expenses														
a. Depreciation 0.74%		87												
b. Amontization		4				87	87.	87	87	-87	.87	87	67	1,044
c. Diamandément		NEG	A1/A	14 17/8	U		D	9	9	0	0	0	0	.0
d. Property Taxes 0.009270		104	104	104	N/A.	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	. N/A
e. Other		6				104	104	104	. 104	194	104	104	104	1,248
		¥		······································		<u> </u>	· Q	· 9	<u>.</u>	0	9	<u>¢</u>	<u> </u>	
P Total System Repoverable Expenses (Lines 7 + 8)		1,579	1.578	1.878	1 576	1 575	5 5 14	1 644	4	فكر ف	مشذ د .	1. a. a. a. a.		
a. Recoverable Costs Allocated to Energy		0	a	6			1,5/4	1,5/4	1,5/3	1,5/1	1,570	1,870	1,560	18,887
<ul> <li>Recoverable Costs Allocated to Demend</li> </ul>		1,579	1,578	1.578	1.578	1.675	1 574	1 574	1 475	1.57	0	0	0	0

For Project; CAIK CTs - SUWANNEE (Project 7.21) (In Dollers)

Line	Description		Beginning of leriod Amount	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projected Dec-10	End of Period Total
1 Inv	vestments															
E.	Expenditures/Additions			\$0	\$0	\$0	\$0	\$0	<b>5</b> 0	\$0	.60	-	**	**	**	
D.	Clearings to Plant			0	0	. 0.	9	Ö	õ	-0	ă			~	80	30
C, 1	Ratirements			0	Ù	6	0	0	ō	õ	ő	ŏ	ŏ	a.	0	
0.4	Othar			-0	0	0	0	Ö	Ó	0	0	õ	0	ő	ŏ	
2 Fia	Int-In-Service/Depreciation Base		\$361 580	341 550	321 580	111 600										
3 Les	ss: Accussified Depreciation		(15.3225	(10 525)	(17 228)	417 021)	361,500	351,990	381,860	381,580	381,580	381,580	361,560	361,560	\$81,560	
4 CW	VIP - Non-Interest Bearing		8	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(17,201)	(10,000)	(10,336)	(20,040)	(20,743)	(21,445)	(22, 140)	(22,852)	(23,555)	(24,258)	
5 Mai	I investment (Lines 2 + 3 + 4)		\$395,728	365,035	364,332	363.629	362,926	362 223	381 520	18/1 01 T	940 114				0	
								The second second second second second second second second second second second second second second second se	441,020	AAAAA CT	909,114	309,411	328,700	305,003	397,302	
6 Avi	erage Net Investment			385,386	364,653	363,980	363,277	352,574	361,871	381,188	360,465	359,782	359,058	358,350	\$57,853	
7 Ref	um on Average Nel Investment															
<b>6</b> .	Equily Component Grossed Up For Texas	10.35%		3,150	3.144	3.138	4 110		1 100		in 100					
b. 1	Debt Component (Line 6 x 2.57% x 1/12)	2.65%		869	887	865	864	1,120 1612	3,120	9,114	3,106	3,102	2,096	3,090	3,084	\$37,404
c. (	Other			ò	0	0	0	0	0	6 0	-007 B	600	604	992 D	850	10,314
i inc	antine ant Extension									-	•	•		•.	•	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Decenciation 1 744			-												
5.	Amontination			703	703	703	703	703	703	703	703	793	703	703	703	8,438
0.1	Dismanliement			NRA	DUA U	10 AWA	10 N/M	8	G	0	¢.	1	0	0	0	Q
a, i	Property Taxes 0.007850			250	966	250	N/A	N/A	NIA	N/A	N/A	NZA	N/A.	N/A	NA	N/A
3. (	Other					250	230	254	250	250	250	250	250	250	250	3,000
0 7-1-	d Briston Branchin Branner Share 7 - A			6 4 mm						······································				V		
- 100	n system necessarians Copenses (Unes / + a)			4,972	4,964	4,965	4,940	4,941	4,933	4,928	4,916	4,910	4,903	4,805	6,887	59,154
b F	Represented Costs Allocated to Clement			4 672	4 1994	0	0	D	0	0	ð	. 0	<b>9</b> .	0	-0	.0
	received active considered to Politicity			4,972	4,904	4,950	4,949	4,941	4,933	4,928	4,918	4,910	4,903	4,895	4,887	59,154

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-4) Page 13 of 19

.

CPD

.

### For Project: CAIR/CAMR Crystel River AFUDC - Access Road and Vehicle Barrier System (Project 7.4a) (In Dollars)

<u>Une</u>	Description	<b>Begitwing</b> of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr+10	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Now 10	Projected Disc-10	End of Period Total
1 la	vestments									×2					
	Espanditursk/Addisons		\$0	\$0	\$0	\$0	-50	20	\$Q	30	.\$0	\$0	<b>\$0</b> .	50	\$0
0,	Cleanings to Print		9	Q	0	a	0	Đ	0	9	0	0	9	ų n	
с. 4	Char Char			, v	U A			v a		U .	, v			ŏ	
Ψ.			v	v	ų	, e		v	¥	v		.0		v	
2 P	ant-in-Service/Debreciation Base	\$15,490,382	15,490,382	15,490,382	15,490,362	15,490,382	15.490.582	15 490 382	15:480.382	15 490 382	15,490,382	15,490,282	15,490,382	15,490,382	
3 L	ris: Accumulated Capreciation	(\$63,40\$)	(893,224)	(923,043)	(\$52,882)	(982,851)	(1.012.500)	(1.042,319)	(1.072,138)	(1,101,857)	(1,131,776)	(1,161,595)	(1,391,414)	(1,221,233)	
4 01	WP - Non-Interest Bearing			0	0	q	Ð	Ŭ.	0	1	9	0	0	0	
5 Ni	el Inivesiment (Lines 2 + 3 + 4)	\$14,625,977	14,597,158	14,567,339	14,537,520	14,507,701	14,477,862	14,448,063	14,418,244	14,388,425	14,358,600	14,328,787	14,298,950	14,209,149	
6 Ai	wrage Not Investment		14,012,068	14,582,249	14,552,430	14,522,811	14,492,792	14,462,973	14,433,154	14,403,355	14 373 510	14,343,597	14,313,878	14,284,058	
7 Ri a. ħ.	Num on Average Net Enventment Equity Component Greesed Up For Taxie 18,3 Debt Component (Line 6 x 2.04% x 1/12) 2.8	5% 5%	125,890 34,740	125,723 34,069	125,468 34,598	125,209 34,528	124,052 34,457	124,695 34,388	124,438 34,315	124,181 34,244	123,924 34,173	123,667 34,102	123,409 34,031	123,152 33,960	\$1,494,798 412,203
¢.	OBS		ų	Q	ų	Ų	Q	Q	0	0	ų	ų	U.	u	v
8 im 9.	Personal Expenses		29,019	29,819	29,819	29,810	29.819	29,819	29,819	29.818	29,619	29,819	29,619	29,619	357 628
D.	Amonization			Q Nation	U Atta	Ų Nže	A.Fra	404 U	50k	ATTA U	MA	MA N	N/A	Naza.	- Nia
с. И	Despath Taxas 0 018480		13 528	13 578	13 528	15.528	13 528	43 528	11 524	13 528	13.528	13 528	13.628	13.528	162,338
	Other		0	0	0	0	0	0	0	0	0	0	0	Ó	Ö
		-												r	
9 Te	tel System Recoverable Expenses (Lines 7 + 8)		204,067	203,739	203,411	203,084	202,750	202,420	202,100	201,772	201;444	201,118	200,787	200,459	2 427 163
8.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0.00	0. 100 757	000 450	0
5	Recoverable Costs Association Demand		204.087	202,739	203,411	203.084	202.755	202,428	202,100	201 772	201.444	201.110	200,787	200,459	6.721 193

### For Project: CAR/CANR Crystal River AFUDC - Low Nex Borner CR4 (Project 7.4b) (In Doffers)

Line	Description		Beglinning of Period Amount	Piojected Jan-10	Projected Feb-10	Projectivi Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-1D	Projected Oct-10	Projected Nov-10	Projected Dec-10	End of Period Totel
1 inves	Amonés										-*			التع		
a B	ipenditures/Additions			\$0	50	50	\$Q	\$0	50.		\$0 <u>.</u>	\$0	50	30	3U	20
5, CI	learings to Plant			0	v v	5 5	U A	U		- U 3		v		ň	ñ	
¢. Ri ¢.08	exements her			Ģ	õ	0	õ	Ŏ	ŏ	ò	i o	ê	0	0	õ	
2 Pient 3 Least	Lin-Service/Depreciation Base Accumulated Depreciation		\$10,421,981 (271,859)	10,421,981 (318,560)	10,421,961 (381,461)	10,421,981 (408,382)	10.421,981 (451,283)	10,421,981 (496,164)	10,421,981 (541,265)	10,421,981 (555,988)	10,421,951 (030,887)	10,421,981 (675,788)	10,421,981 (720,060)	10,421,981 (765,570)	10,421,981 (810,471)	
4 GYVR	P - Non-Interest contrag	-	110 180 332	10:198 221	10,000,520	10 /16 /10	9 570 714	0.025 \$17	9 580 514	0 414 615	8 741 114	0 748 213	9701312	9 658.411	9.611.510	
⇒ MERIR	DARRENDER FRUME * * * * *	-	410,100,011	10,199741	10,000,020	10/2/14/01/0		0,012,011	B10041010							
8 Aven	transfervet fold age			10,127,871	10,082,970	10,038,009	0,093,108	9,948,265	9,903,367	9,658,465	9,013,555	2,768,884	9,723,763	9,678,862	9,633,951	
7 Retur s. Ec b. Di c. Ol	n in Average Natimationent guly Component Grossed Up For Taxes et Component (Line 8 x 2.04% x 1/12) ther	19,38% 2,85%		87,319 24,079 0	86.832 23,972 0	86,545 23,866 0	66,158 23,769 Q	85.771 23,852 D	85,384 23,545 0	84,998 23,439 9	84,6 <b>39</b> 23,332 0	84.222 23,225 0	83,835 23,118 0	83,448 23,011 0.	63,061 22,905 0	\$1,022,260 251,903 0
8 knes a. D	Amini Expenses aprecision			44,901	44,901	44,901	44,901	44,901	44,901	44,901	<b>44,9</b> 01	44,901 D	44,901	44,901	44,901	538,812
0. A/ 5. Di d. P/ 5. Oi	marszaron ismantiercent roperty Texes 0.010400 ther			N/A . 9,102 0	N/A 8,102 0	N/A 8,102 0	N/A 9.102 0	N/A \$,102	N/A 9.102 0	N/A 9,102 0	N/A 9,102 0	N/A 9,102 0	N/A 9.102 0	N/A 9,102 0	N/A 9,102 0	N/A 109,224 0
a Tolui s. Re	System Recoverable Expenses (Lines ? + ) Icoverable Costs Allocated to Energy	ŋ	-	165,401 Ú	164,907 0	184,414 0	163,920 Q	183,428 D	162,932 0	162,433 U	161,044 0	161,450 0	160,956 0	160,482 0	159,969 C	1,952,219 0
b. Ri	ecoverable Cests Allocated to Demand			165,491	164,907	184,414	163,920	103,426	162,932	162,438	181,044	181,450	360,956	180,482	159,869	1,1/52,219

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-4) Page 14 of 19

CPO

9. coa

.

.

### PROGRESS ENLINGY FLORIDA Environmental Cest Receivery Clause (ECRC) Capital Program Detail Support - Project 7,4 Receip JANUSARY 2019 - DECEMBER 2016

### For Project: CAIR/CABR Crystal River AFUDC - Selective Catalytic Reduction CR6 (Project 7.4c) (In Dollars)

Line_	Description	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mat-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jel-12	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projected Dec-10	Period Tetal
1 iswa a. E b. C	alinente Expanditures/Additione Destings to Plant		29,000 20,000	20,000	20,000	20,080 20,086	29,906 20,006	20,000 20,000	20,090	\$0 Q	<b>50</b>	<b>\$0</b> 0	\$0 0	-\$0 Ú	\$148,000
¢. fi d. O	(altraine na		0 0	0 Q	0	0	0 D	ð. 0	0	0	0. D	0	9 0	0 0	
2 Plan 3 Loss 4 CWI	n-In-Service/Depresiation Base In Accommitted Depreciation IP - Non-Interest Bearing	<b>\$92,454,737</b> {1,414,831	82,514,737 (1,813,116) 0	92,534,737 (2,211,785) 0	92,554,737 (2,610,542) 0	92,574,737 (3,009,385) 0	92,594,737 (3,408,314) 0	92,514,737 (3,807,329) 0-	92,634,737 (4,206,439) 0	92,834,737 {4,605,531} 0.	92,834,737 (5,004,832) 0	92,634,737 (5,403,733): 0	92,634,737 (5,802,634) 0	92,834,737 (8,201,935) Q	
5 Nét	kriventsment (Lines 2 + 3 + 4)	\$91,669,205	\$0,701,822	90,322,952	89,944,195	89,585,352	89,188,423	68,607,408	66,428,307	88,029,206	67,530,105	87,231,004	85,831,903	35,432,802	
6 Aver	uga tint kwastmont		90,890,914	90,512,287	90,133,573	89,754,773	89,375,667	68,998,915	88,617,657	88,228,758	87,829,655	87,430,554	87,031,453	£0,632,352	
7 Refu 8. E 5. D 6. O	am on Average Net Investment Iquity Component Grossed Up For Takes f Jebt Component (Line 5 x 2.94% x 1/12) When	0.38% 2.85%	783,631 216,083 0	780,367 215,193 0	777,102 214,293 0	773,636 213,392 0	770, <b>567</b> 212,491 9	767,302 211,590 0	764,034 210,659 0	760,679 209,764 0	757,238 208,815 0	753,797 207,868 0	750,358 208,817 Q	748,915 205,908 0	\$9,185,626 2,533,071 0
5 Inver e. 0 b. A <u>e</u> . 0 d. P	sback Expenses appectation monitization isonantement toporty Taxes 0.013480		395,584 0 N/A 80,796	398,870 0 N/A 80,814	385,757 0 N/A 80,831	398,843 0 N/A 80,849	396.029 0 N/A BC.855	399,015 0 N/A 80,884	399,101 0 N/A 80,901	399,101 0 N/A 80,901	399,101 0 N/A 80,901	399,101 0 N/A 80,901	399,101 0 N/A 80,901	199,101 U N/A 80,901	4,767,404 8 N/A 970,446
s. O	Noan -		<u> </u>	<u> </u>	0	<u>0</u>	<b>5</b>	<u>0</u>	0	6	<u> </u>	<u> </u>	0	0	<u>.</u>
9 Tota a. Ri b. R	t System Recoverable Expenses (Lines 7 + 8) ecoverable Costs Allocated in Energy recoverable Costs Allocated in Demand		1,479,104 0 1,479,104	1,475,044 0 1,475,044	1,470,083 0 1,470,963	1,468,926 0 1,468,920	1,462,855 0 1,462,855	1,458,791 0 1,458,791	1,454,725 0 1,454,725	\$,450,445 B 1,450,445	1,446,055 0 1,446,055	1,441,865 0 1,441,665	1,437,275 0 1,437,275	1,432,885 0 1,432,885	17,476,747 0 17,476,747

### For Project: CAR/CAMR Crystal River APUDC - FGD Common (Project 7.4d) (In Dollars)

### End of Period Projected Projected Protected **Beginsting** of Projected Projected Projected Projector Projected Projected Projected Projected Projected Dec-10 Total Nov-10 Period Amount Jan-10 Feb-10 Mer-10 Apr-10 May-10 Jun-10 Jul-10 Abu-10 Sep-10 Oct-10 Une Description 1 Investments 50 \$11,071,785 \$0 a. Expenditures/Additione 1,540,000 2.041,790 2,589,985 1,100,000 1,545,160 1,500,000 500,000 254.844 \$0 \$Ù 0 0 500,000 254,844 a b. Clearings to Plant 1,540,000 2,041,790 2,589,985 1,100,000 1 545,160 1,500,000 0 n Ó o, Retreaments ð Ő ۵ Ċ Ø ۵ 0 0 0 ő Ő d. Other o Ô. a D. đ a. Ô 0 đ 845,493,508 635,561,721 638,003,517 840,593,502 641,693,502 643 238 662 544 733 562 845,228,882 545,493,508 545,493,505 645,493,505 645,493,508 2 Plant-In-Service/Depreciation Base \$634.421.721 (20,090,218) (22,871,210) (3,488,024) (6,236,756) (11,761,278) (14,532,563) (17,310,312) (25,852,217) (28,433,218) (31,214,219) (33,995,220) (8,996,646) 3 Less: Accumulated Deprecision (748,089) 0 A CWIP - Non-Interest Bearing 614 279,287 611 498 285 027 428 350 625,148,447 622,622,290 619,841,289 617,060.285 \$\$33,473,632 832,473,897 631,598,856 029.032,228 828,708,099 631,766,761 5 Net Investment (Lines 2 + 3 + 4) 612,888,767 816,450,789 615,669,786 8. Average Net Investment 633,073,665 632,120,229 631,681,609 830,784,541 829,319,163 628,067,225 825,265,399 623,685,389 821,231,790 7 Return on Average Net Invietment a. Equity Component Grossed Up For Taxes 5,332,077 5:308,100 5,284,123 \$64,692,173 5.378.932 5.356.083 5,458,190 5,448,150 5.425.760 5 414 998 5.399.650 10,35% 5,449,930 5,438,242 1,478,978 1,470,367 1,403,755 1,457,143 17,839,434 1,502,866 1,501,524 1,499,643 1,496,200 1,489.001 1,483,287 b. Debt Component (Line 6 x 2.04 % x 1/12) 2.05% 1,505,133 ..... • Ð Ű. c. Other a ß Ð â Đ. Ø 0 t 8 8 Investment Expanses 2,761,001 2,781,001 33,247,131 2,771,287 2 777 749 2,779,003 2,781,001 2,781,001 2,781,001 8.17% 2.738,335 2,748,732 2,759,890 2,764,630 a. Depreciation ō Ò ê 0 0 ð a . 0 b. Amortization 0 9 0 Ö. N/A N/A 563,731 Ň/Α NA ŇŔ N/A NA NA. NA N/A NA. N/A c. Dismantlement 563,711 563 731 503,731 6,739,458 581,762 563 072 553,506 563,731 d; Property Taxes 0.010480 555,407 557,190 559,452 560,412 ð s. Ofter 18,177,784 10,147,178 10.118,587 10.085.998 122,518,198 10 202 927 10,255,035 10.249.037 10,232,062 10.208.951 9 Total System Recoversible Expenses (Lines 7 + 6) 10,258,625 10,258,715 10,267,316 . 6 a, Recoverable Costs Allocated to Energy 18,177,764 10.147.178 10,116,587 15,085,998 122.518,195 10,256,625 10,251,718 10,287,316 10,262,927 10,255,035 10,249,037 10,232,062 19,208,951 b. Recoverable Costs Allocated to Demand

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-4) Page 15 of 19

CPD

## PROGRESS ENERGY FLORIDA Environmental Cosi Recovery Clease (ECRC) Capital Program Defail Support - Project 7,4 Recep JANUARY 2019 - DECEMBER 2010

### For Project: CAIR/CAMR Crystal River APUDI: - SCR Common Homs (Project 7.4a) Un Dollars)

<u>Line</u>	Description	-	Beginning of Period Amount	Projected Jan-10	Projected Feb.10	Projected Mar-10	Projected Apr-10	Projected May-13	Projected Jun-19	Projected Jul-10	Projected Aug-10	Projectad Sep-10	Projected Oct-10	Projected Nov-10	Projected Dec-10	End of Period Total
t investr 11. Expi	nenis Endlutes/Additions			\$0	\$0	\$Ú.	ŝo	\$0	50	\$0	\$0	SÓ	\$0	\$0	ŝQ	<b>\$0</b> .
b. Cies	unings to Plant			6	0'	Ģ	C	0	0	0	Ó	0	¢	0	Ó	
ç, Rab	rements			Ð	0	Ó.	Ö	0	0	B	Ô.	ę.	0	, <b>0</b>	0	
d, Othe	R,			Ŷ	0	0	¢	0	\$	¢	0	¢	C	٥	0	
2 Plant-in	Service/Depreciation Base		\$69,831,473	69,831,473	69,831,473	69,831,473	69,631,473	69,831,473	69,831,473	69,631,473	69,631,473	69,631,473	69,831,473	69,831,473.14	69,831,473	
4 CME	Manufacture (Menufact		14467-131	(1,200,000) A	(1,307,407)	11,000,044	(2, 1047, 2013	(2,410,000)	(2,110,213)	12,011,172	(0,012,029) N	10,014,400)	10,019,0407	(~,2:s-0,050) 0	(4,010,00))	
5 Net invi	ostriunt (Lines 2 + 3 + 4)	-	\$\$8,623,700	88,824,843	68,322,986	66,023,129	67,722,272	67,421,415	67,120,558	06,819,701	BE 518,844	88,217,957	85,917,130	65,618,273	65,315,416	
6 Average	e Not Inviccionant	-		68,775,272	68,474,415	BB,173,558	67,\$72,701	87,571,844	67,270,987	68,970,130	69,069,273	66,368,416	66,087,559	65,766,702	55,455,845	
7 Return a. Equi	on Average Net Investment By Component Grossed Up For Taxes	10.28%		592,967	590,364	587,770	585,176	582,582	578.865	\$77,394	574,800	572,206	589,612	567,019	564,125	\$6,944,293
5. Deb 4. Othe	t Compensat (Une 5 x 2.04% x 1/12) H	2.85%		163,513 D	162,795 0	152,063	161,367 0	160,652 G	159,937 0	159,221 0	158,506	157,791	157,076	158,360	150,645	1,814,848 Q
S investo	with Expension													-		1 810 984
a. Dep	recipiton PATA			300,857	300,857	300,857	300,857	390,887	300,857	300,657	300,857	300(887	309.697	100,000	300,031	1). Div
D. Amo	NECESSION .			SU/A	A1/A	A24	10 10	31/4	NUA U	1478. 1478.	Na	Kirk .	N/A	N/A	NKA	NZA
d. L(B)S	sanutinen Antu Tavaé A Sindish			60.986	60.948	80 988	60 987	80.984	80.986	80.946	80.988	60.956	60,960	60.958	60,966	731,832
e, Othe	H			9		0	0	0		0	0	0	0	0	0	0
				4.148.444	1 442 005	4 4 4 4 100			4 454 398		-	4.001.430	4.200 894	4 666 393	1 161 AST	11 201 158
9 Total 5)	ystem Hecoversbie Experiess (Lines 7 + 5) muchic Cashi Alfaceled in Emered			1,110,313	1,115,002	1,177,0940	1,100,380	1,105,077	1,101,100	7,088,458	1,049,758	1,000	(100,001	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	0
b, Rect	merable Costs Allocated to Demand .			1,118,313	1,115,005	1,111,890	1:108,388	1,105,077	1,101,768	1,098,458	1,095,149	1,091,640	1,088,531	1,065,222	1:081,913	13,201,358

For Project: CAIR/CAMR Crystal River AFUDC - Flue Gas Desulfurization CR5 (Project 7.34) (In Dollars)

Line	Description		Beginning of Period Amount	Projected Jen-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected Jui-10	Projected Aug-10	Projected Sep-10	Projected Oct-10	Projected Nov-10	Projected Dec-10	End or Period Total
1 lition	atrients				4 inite 141 5	4-	<b>A</b> A'					тò.	*0		¢.n	\$1 798 ADJ
8, 6	appoind a the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second				1,220,404	30	*0	\$U 0	-90	÷0		34.	, AN, G		-0	
. D. C	<b>Junings</b> to Plant.			v 7	1,229,494 0	Ň	5			ň	ő	ň	ŏ	Ď	0	
	ten organization Stor			Ŭ	. Ŏ	ů	ő	; ů	Ģ	õ	, Ó	Ø.	õ	\$	0	
2 Plan 3 Loss 2 Com	n in Service Deprochilon Beso :: Accumulated Depreciation :: Accumulated Depreciation		\$735,813,668 {1\$\$,206}	135,013,655 (740,688)	136,240,069 (1,327,556)	130,240,059 (1,914,824) 0	136,240,059 (2,501,792)	136,240,059 (3,068,760)	138,240,059 (3,875,728)	138,240,059 (4,252,696) 0	136,240,059 (4,849,084)	138,240,059 (5,438,632) 0	136,240,059 (6,023,600) 0	136,240,059 (8,610,568) 0	136,240,059 (7,197,538) 0	
5 Net	(prestment (Lines 2 + 3 + 4)	•	\$134,854,452	134,272,768	134,912,204	134,825,236	133,738,268	133,151,300	132,554,332	131,977,364	131,390,390	130,803,428	130,216,450	129,629,492	129,042,524	
6 Ave	rage Net Investment			134,563,810	134,592,488	134,618,720	134,031,752	133,444,784	132,857,818	132,270,848	131,683,860	131,005,912	130,500,944	129,922,976	129 338.008	
7 Rea 10, 8 10, 0 6, 0	um on Avacage Net livestment Iquity Component Grossed Up For Taxes Jobt Component (Line & x 2.04% x 1/12) Ther	10,38% 2,85%		1,180,153 319,925 0	1, <b>160,412</b> 31 <b>9,994</b> 0	1,160,838 320,056 0	1,155,577 318,660 0	1, <b>150,516</b> 317,285 0	1,1 <b>45,456</b> 315,869 D	1,140,395 314,474 0	1,135,335 313,079 0	1,130,274 311,063 0	1,125,213 310,287 0	1,120,153 308,892 0	1,115,092, 307,498 0	\$13,699,224 3,777,079 C
8 inve 6. Q	struit Expenses Inproductors			581,684	500,068	585,988	566,988	585,958	555,968	586,968	555,965	580,968	586,968	588,968	586,968	7,038,332
b.A c,D d.P	unofäzation Hensendorment Papenty Taxes 0.019450			N/A 117,912	N/A 118,983	N/A 118,983	N/A 118,963	N/Å. .118,983	N/A 118,953	N/A 115,953	NA 118,983	N/A 118,962	N/A 118,983	N/A 118,953	N#A 118,883	1,425,725
9 Tota 9 Tota 9 R	anex Il System Recoverable Expenses (Lines 7 + 8) scoverable Costs Alfocated to Energy (scoverable Costs Alfocated to Demand	)		2,179,884 0 2,179,684	2,188,357 0 2,188,357	2,188,845 0 2,188,645	2,180,188 2,180,188	2,173,732	2,167,276 0 2,167,276	2,160,820 0 2,160,820	2,154,384 0 2,154,364	2,147,908 0 2,147,908	2,141,451 D 2,141,451	2,134,995 2,134,995	2,128,539 0 2,128,539	25,941,960 0 25,941,950

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-4) Page 16 of 19

CPD

ana da

.

# PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Cepted Program Debil Surport - Project 7.4 Recep JANJARY 2016 - DECEMBER 2016 For Project: CAR/CAMR Crystal River APUDC - CRS Saceborees Environment Soot Blowing controls (Project 7.4g) (to Defart)

<u>Line</u>	<u>Description</u>	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-19	Projected May-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projected Sep-10	Projected Del:10	Projected Nov-10	Projected Dec-10	End of Period Total
t Investi	tianla														
s. Em	and tures Arithmone		<b>3</b> 40	-\$0	\$0	\$0	\$5	\$9	\$0	\$0	\$0	\$0.	<b>\$0</b> -	30	ýa.
b. Chi	adings to Plant		0	0	C	0	0	0	0	0	4	0	9	0	
c; Ret	line mente		ũ	0	0	Ó	Ģ	0	0	0	ç	0	0.	U.	
d, Oth	ef.		.0	0	0	0	0	0	Û	Q	Ð	.0	D	U	
2 Pient-i	n-Service/Depreziation Serv	\$920,220	929,220	929,220	929,220	029,220.	929,225	929,220	329,220	929,220	929,220	829,220	929,220	829,220	
3 Loss:	Accumulated Depreciation	(1,096)	(5,099)	(9,102)	(13,105)	(17,108)	(21,111)	(25,114)	(29,117)	(33,120)	(37,123)	(41,126)	(45,129)	(49,132)	
4 CWP	<ul> <li>Noc-Interest Bearing</li> </ul>	•	.e	0	. 0	Q	0	5	0	9	Ŭ	0	0	0	
5 Not In	vestment (Lines 2 + 3 + 4)	\$928,125	924,122	920,119	918,116	912,113	908,110	\$04,107	900,104	698,101	892,098	868,095	684,092	690,089	
ð Averag	ge Net Investment		926,123	922,120	818,117	814,114	910,111	905,108	902,105	898,102	884,099	890,096	686,093	882,690	
7 Return	on Average Net Investment														- 400 530
s. Equ	aty Component Grossed Up For Taxee 16.38	Ň	7,935	7,950	7,916	7,881	7,647	7,812	7,778	7,745	7,709	7,074	7,840	.7,800	383,340
b. Det	bt Component (Line 5 x 2.04 % x 1/12) 2.65	%	2,202	2,192	2,183	2,173	2,164	2,154	2,145	2,135	2,126	2,116	2,107	2,007	23,796.
c, Olh	er.		Q	0	Ð	5	0	C C	Û	0	0.	0	, O	ų	v
8 investr	neni Expenses													4.000	
s, Du	presiation £17%		4,003	4,003	4,003	4,003	<del>\$</del> ,003	4,003	4,003	4,003 -	4,003	4,003	4,903	4,003	46.0.30
b. Am	orSzation		Ö	0	<b>0</b>	0	0	0	0		0	0	0		.ur iora
ir. Die	ត្រាត់នើម/អត់នៅ		N#A	N/A	NA	N/Å	N/A	N/A	NA	NKA	NfA	N/A area	N/A.	1024	8 744
d. Pro	party Texes 0.010480		812	8\$2	812	B12	812	812	812	812	812	812	414		مدن ۲.0
e. Offi	ar -	-	0	0	<u>C.</u>	<u>Q</u>	9	0	Q		0	0	v	V	2
9 Total S	System Recoverable Expenses (Lines 7 + 8)		15,002	14,957	14,914	14,863	14,626	14,781	14,735	14,693	14,650	14,605	14,562	14,517	177,114
s.Rec	ownable Costs Allocated to Energy		0	0	¢	. 6	. 0	0	Ð	<b>0</b>	0	Ū,	<b>0</b>	1	وأمد بنتاذ
h Dai	merchin Cock allocater to Gemand		15.002	14.957	14,914	14,869	14,828	14,781	14,738	14,693	14,650	14,505	14,562	14,517 [	1//.114

### For Project: CAIR/CAIRR Crystal River AFUDC - CR& Southlower & Intelligent Sout Blowing controls (Project 7.4h) in Dollars)

Lino	<u>Deectipfion</u>	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mat-10	Projected Apr-10	Projected May-10	Prejected Jun-10	Prójected Jul-10	Projected Aug-10	Projected Sep-10	Piojected Oct-10	Projected Nov-10	Projected Dec-10	Parisd Total
t in	ante de la companya de la companya de la companya de la companya de la companya de la companya de la companya d			**	÷		* Amoid		€Ď.	Ŕ		50	\$0.	50	3849.211
<b>#</b> 5	Expenditures/Additions		50	20	\$0	¥0	3 848,213			50 A	ត		0		
þ.	Clearings to Plant		, in the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	Ň	, in the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	U A	₩ <b>₩₩</b> ₩₩	ň	, č	ů.	ā		6	à	
e. d.	Raintanits Other		0	ŏ	Ö	å	- å	Ó.	ő	ō.	å	0	0	0	
2 19	ant-in-Service/Depreciation Base	\$ <b>2</b>	ø	0-	.0	Û	949,211	949,211	949,211	949,211	949,211	949,211	949,211	049,211	
31.	ss: Accumulated Depreciation	•	¢.	0-	U U	0	(2,045)	(9,135)	(10,226)	(14,316)	(18,405)	(22,495)	(20,303)	(20,010)	
4 61	MP - Non-Interest Bearing		0	<u>d</u>	0	0	0	0.		<u></u>	0		012 828	011 635	
きね	al investment (Linus 2 + 3 + 4)	\$0	0	0	0	0	947,169	943,076	938,985	934,595	930,609	9439,718	946,020	# 110,04W	
€ Âv	ncoyo kat kunatunant		Ű	ă	0	0	473,583	945,121	941,031	936,941	932,851	928,761	924,871	920,581	
7 Re	stum on Average Net Investment		<b>^</b>			ä	4.083	8.149	£.113	8.078	8.045	8,007	7.972	7,937	\$60,382
à.	Equary Component Grasses Up For Links 14.	FD74	5	Ň	ŏ	ő	1 126	2,247	2 237	2 228	2.216	2,208	2,198	2,189	18.651
Đ. . Đ.	Debt Component (One o t 204% t 1/12) 20 Other	10.14	Ď	ò	õ	0	0	0	0	0	Ö	Ū	Ð	¢	i j
-8 Int	eating and Expenses					,	0.046	2 000	× 100	1.000	4 000	4 090	4.090	4.000	30,675
<b>R</b> .	Osprecision Gall 5.17%		0	Ů,	, v	Š	2,045	-,080	4,040		. 0	đ	0	10	D
ð.	Amontization			A MA	416A	31/4	61/Å	N/A	N/A	N/A	N/A	N/A	NA	N/A	ŃŰ
Ę.	Distant of the		in and a	1200	n n	,	87Ď	828	829	829	\$29	829	629	829	8,632
11. 15.	Diber		ŏ	ŏ	õ	9.	0	0	0	9	0	<u>¢</u>	<u> </u>		0
	····					4	8 (81	16 316	15 289	15,225	15,180	15.134	15,089	15,045	114,340
9 Ta	and System Recoverable Expenses (Lines 7 + 6)		Ŭ	9	0		6,965	15,515	6	0	0	0	0	Ď	Ő
<u>å</u> ,	Hecoverable Costs Allocated to Energy Recoverable Costs Silocated to Deviced		6	2	ů,	ő	8,083	15,315	15,289	15,225	15,180	15,134	15,689	15, <b>045</b> [	114,340
σ.	TOROUGHERICAR COMPLETENCIAL RECENT OF MERINE		¥	-											

Docket No. 090007=EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-4) Page 17 of 19

CPD.

- 11 h

٠

.

## PROGRESS ENERGY PLORIDA Environmental Cost Recovery Glasse (ECRC) Capital Program Detail Support - Project 7.4 Recap JANUARY 2019 - DECEMBER 2019

### For Project: CAIR/CAMR Crystal River AFUDC - CR4 SCR (Project T.4) (In RoBatil)

Line	Directivition	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mat-10	Projected Apr-10	Projected Alay-10	Projected Jun-10	Projected Jul-10	Projected Aug-10	Prolociad Sep-10	Piojectari Oci-10	Projected Nov-10	Projected Deci 10	End of Period Total
	ni malivni inte														
	Funandikaan/Adritions		10	-50	\$Ó	50	\$108,219,383	1:435.813	1.632.028	195,809	183,116	174,307	174,120	\$74,070	\$112,186,441
	Clearings to Plant		0	0	0	à	108,219,363	1,435,813	1,632,028	195,809	183,118	174,307	174.129	174 076	
	References		<u>C</u>	Q	C	ø		0	Ŭ,	0	Č,	0	0	0	
6	L Other		Č	0	0	0	0	0	0	Q.	8	Q.	0	a	
2 P	iant-in-Service/Depreciation Seare	\$6	0	0	0	0	106,219,363	109,854,976	111,287,004	111 482 813	111,666,929	111,840,235	112,014,384	112,188,441	
31	esis: Accumulated Depreciation	-	đ	0	0	ŏ	(233,123)	(705,553)	(1,185,015)	(1,685,320)	(2,146,414)	(2,626,259)	(3,110,854)	(3,594,199)	
4 0	WIP - Non-Interest Bearing	• · · · ·	Q	0	0.	Ģ	0	0	0	0	G	0	<u>0</u>	<u> </u>	
5 N	let Investment (Lines 2 + 3 + 4)	\$0	0	0	0	0	107,986,241	101,949,423	110,101,990	109,817,494	109,518,515	109,211,977	105,903,511	108,594,242	
άÂ	werage Not Invastment		٥	٩	0	o	53,993,120	108,467,832	109,525,707	109,959,742	109,668,504	109,365,746	109,057,744	108,248,877	
78	tatium on Average Net Investment					·									
	. Equity Component Grossed Up For Taxes 19.	35%	Ò	.0	Ð	0	465,511	835,173	044,294	948,036	045,525	942,915	940,250	837,497	37,009,319
b	. Debi Component (Line 5 x 2.04% x 1/12) 2.	.86%	0	0	0	0	128,359	257,882	260,397	281.425	269,737	200,017	209,233	\$30,35U	1,340,000
¢	Other		0	0	-0	0	0	0	9	0	0	U	<b>U</b>	u,	J
8 ¥	weitment Expenses									6.6 Ma	200.000		ويتأثره وعد	Sec Sec	a an train
	Dipredition 5.17%		0	Ő	Ŭ.	Ó	233,123	472,430	479,482	480,305	481.094	481,845	482,595	453,345	3,584,199
b	Amorfization		0	Ö	0	0	Q.	0.	0	D	0		( <b>0</b> )	LEAN A	y.
E.	, Diamasusment		N/A	N/A	NBA	NA	N/A	N/A	NKA OT COL	TRA .	FWA #73	07.874	07 828	97 978	775.830
đ	Property Texes 0.010488		0	U D	0	0	94,514	¥2,000	274191 274191	81,302	¥7,344	1,014	a, 2004	6	0
	. Other		ų.		0	<u>v</u>	<b>v</b>	Y	<u>v</u>		v	V			
9 T	otel System Recoverable Expenses (Lines 7 + 5)		0	0	٥	0	\$21,515	1,761,250	1,781,344	1 787 132	1,764,876	1,782,451	1,778,968	1,777,470	13,376,000
	Recoverable Costs Allocaind to Energy		0	0	0	Q	0	0	. O	0	Ó	0	0		
b	Recoverable Costs Allocated to Demand		0	0	ð	Ŭ	\$21,515	1,761,250	1,781,344	1 787 132	t 784 878	1,782,451	1,779,906	1,777,470	13,376,006

### For Project: CAR/GAMR Crystal River APUDC - CR4 FGD (Project 7.4) Un Dollarsi

Dollarsi
----------

Line		-	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Nar-10	Projected Apr-16	Projectati May-10	Projectud Jun-10	Projected .Ad-10	Projected Aug-10	Projected Sop-19	Projected Oct-19	Projected Nov-10	Projected Dec-10	End of Period Total
1 Investme a. Expen 5. Clear 6. Retire 6. Retire 6. Other	ntis ndikirissiAdditions Inges to Plant amonis			\$0 0 0 0	\$0 0 0 0	\$0 0 0 0	\$0 0 8 8	\$138,386,948 138,386,045 0 9	478,327 478,327 0 0	1,779,294 1,779,294 0 0	239,126 239,126 0 0	223,527 223,527 9 0	212,870 212,870 0 0	212,652 212,652 0 0	212,588 212,586 0 0	\$141,745,432
2 Plant-liv- 3 Lusau: A 4 CM0P - 1	Service/Depreciation Base scumplated Depreciation incultainest Reading		\$0	0 0	0 0 0	0	0 0	138,388,948 (298,109) 0	138,565,273 (698,387) 0	140,544,585 (1,502,331) 0	140,563,695 (2,109,305) 0	141,107,322 (2.717,242) 0	141,320,191 (3,326,096) 0	141,532,844 (3,035,867) 0	141 743 432 (4.546 554) 0	-
5 Not inve	strent (Linet 2 + 3 + 4)	-	\$6	Q	Ō	Ö	Ó	138,088,834	127,958,888	130,142,236	138,774,390	138,390,080	137,994,096	137,596,877	137 108 976	N
Q Average	fial Investment			ġ	Ó	Û	0	69,044,419	138,028,602	138,555,581	138,958,313	138,582,235	136,192,086	137,785,537	137,397,928	
7 Return o e. Equit b. Debt c, Other	in Average Net Investment y Component Grossed Up For Taxas Component (Line 6 x 2.04% x 1/12)	10.1 <b>5%</b> 2.85%		0 0 0	0 0 0	0 0 0	0 0	595,278 164,153 0	1,190,039 326,164 0	1,194,580 329,418 0	1,198,052 330,373 0	1,194,610 329,479 Q	1,1\$1,448 328,552 0	1,168,027 327,669 0	1,184,599 326,864 0	\$8,938,835 2,464,410 0
<ol> <li>investma</li> <li>Deprint</li> <li>America, Disma</li> <li>d. Proprint</li> <li>e. Other</li> </ol>	nd Expenses scietion fizzation anticment rrfy Texes 0.015460		-	0 Q N/A 0 0	0 Q N/A 0 0	0 0 N/4 0 3	0. 0 N/A 0 0	298,109 0 NVA 120,858 0	598,278 0 N/A 521,278 0	805,944 G N/A 122,830 Q	806,974 0 N/A 123,038 9	807,937 0 N/A 123,234 0	608,854 D N/A 123,420 C	609,771 0 NVA 123,805 0	610,687 0 N/A 123,791 0	4,546,554 0 N/A 982,052 0
# Total Sy #. Recov b. Recov	etem Recoverable Expenses (Lines 7 + 8) proble Criels Allocated to Energy versible Criels Allocated to Demand			0 0	0 0 0	6 0 0	0 0	t,178,388 0 1,178,398	2,237,757 0 2,237,757	2,252,770 0 2,252,770	2,258,437 0 2,258,437	2,255,452 0 2,265,460	2,252,272 0 2,252,272	2,249,012 0 2,249,012	2,245,741 0 2,245,741	10,929,847 0 10,929,847

Docket No. 090007-El Progress Energy Florida Wimess: T.G. Foster Exhibit No. (TGF-4) Page 18 of 19

### PROGRESS ENERGY FLOREDA Environmentel Cost Recovery Clause (ECRC) Capital Program Detail Support - Project 7.4 Recep JANUARY 2016 - DECEMBER 2010

### For Project: CARICAMR Crystal River AFUDC - Gypsum Handling (Project 7.4k) (III: Qollars)

Line	<u>Description</u>	Beginning of Period Amount	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-18	Projected Jun-10	Projected Jul-10	Projected Aug-10	Projucted Sep-10	Projected Oct-10	Projected Nov-10	Projectes Dec-10	End of Period Totel
t invest	iments														
s. Ex	penditures Additions		<b>\$0</b>	\$0	\$0	\$6	.\$0	50	SD	\$0	\$0	\$0	\$0	\$0	\$0
6. CI	learings to Plant		٥	0	0	Ģ	0	¢.	0	Q.,	Q	Ó	0	D	
e, Re	sire manufa		0	0	0	0	0	0	0	0	0	. Q.	0	8	
st, 09	pê.		, o	¢	0	6	0	0	Ģ	¢	0	Q.,	Q.	¢	
2 Plant 3 Less: 4 CWIP	In-Service/Depreciation Base Accomutated Depreciation - Non-Interest Baseling	\$20,873,018 (44,964)	20,673,018 (134,692) 0	20,673,018 (224,820) 0	20,873,018 (314,748) 0	20,873,018 (404,676) 0	20,473,018 (494,604) 0	20,873,018 (554,532) D	20,673,018 (674,400) 0	20,873,018 (764,388) 0	20,873,018 (854,318) 0	20,873,018 (944,244) 0	20,873,018 (1,034,172) 0	20,873,018 (1,124,100) 0	
5 Net In	westment (Lines 2 + 3 + 4)	\$29,828,054	20,738,128	20,648,198	20,558,270	20,468,342	20,378,414	20,288,485	20,198,558	20,108,630	20,018,702	19,928,774	19,838,846	19,748,918	
d Avera	ge Nei Investmant		20,783,090	20,693,162	20,003,234	20,513,306	20,423,378	28,333,450	20,243,522	20,153,594	20,083,666	19,973,738	19,883,810	19,793,882	
7 Retur e, Eq b. De c. Ot	n on Average Net Investment hilly Component Grossed Up For Tenes 19,399 ht Component (Line 6 x 2,84% x 1/12) 2,859 Net	R. X.	178,185 49,412 114,545	178,410 49,198 0	177,034 48,954 0	178,859 48,776 0	175.084 48,557 0	175,308 48,343 0	174,533 48,129 0	173,758 47,915 0	172,982 47,701 0	172,207 47,488 0	171,432 47,274 0	170,858 47,060 0	\$2,089,048 \$76,831 114,545
8 Royant a. Da	ment Expenses		89,925	89:926 0	89.928	89 928 A	59,925	99,925 0	89,928	89,626	69,926	89,928	89,928	59,926 0	1,070,136 D
a, Da d, Pri a, Ot	innacianti in innantioniant operty Taxes 0,010480 her		N/A 18,229 63,193	N/A 18,229 0	N/A 18,229 0	N/A 16,229 0	N/A 18,229 0	N/A 18,229 0	N/A 18,229 0	N/A 18,229 0	N/A 18,229 0	N/A 18,229 0	N/A 18,229	N/A 18,229 0	NVA 218,748 83,193
9 Totel 6. Rei	System Recoverable Expenses (Lines 7 × 8) covernite Costs Allocated to Energy		514,492 Q	335,765 10	334,776 0	333,78 <del>5</del> 0	332,798 0	331,608 Q	330,819 0	329,830 0	328,640. 0	327,652 0	320,803 0	325,873 0	4,153,501
b. Re	coverable Costs Allocated to Demand		514,492	335,765	334,775	333,786	332,796	331,808	330,819	329,630	328,640	327,852	320,803	325,673 [	

Exhibit No. (TGF-4) Page 19 of 19

. :

•

Witness: T.G. Foster Exhibit__(TGF -3)

### PROGRESS ENERGY FLORIDA, INC. ENVIRONMENTAL COST RECOVERY COMMISSION FORMS 42-1P THROUGH 42-7P

JANUARY 2010 - DECEMBER 2010 Calculation of the Projected Period Amount January through December 2010 DOCKET NO. 090007-EI

### PROGRESS ENERGY FLORIDA

### Environmental Cost Recovery Clause (ECRC) Total Jurisdictional Amount to be Recovered For the Projected Period JANUARY 2010 - DECEMBER 2010 (in Dollars)

Line		Energy (\$)	Transmission Demarid (\$)	Distribution Demand (\$)	Production Demand (\$)	Total (\$)
-		·				
1	Total Jurisdictional Rev. Req. for the projected period			a sette tarta statuto de	an a chuir an tair	
	a Projected O&M Activities (Form 42-2P; Lines 7 through 9)	\$31,802,843	\$725,904	\$9,858,302	\$4,532,180	\$46,919,229
	b Projected Capital Projects (Form 42-3P, Lines 7 through 9)	204,080,320	0	7,083	2,582,417	206,669,820
	c Total Jurisdictional Rev. Req. for the projected period (Lines 1a + 1b)	\$235,883,163	\$725,904	\$9,865,385	\$7,114,597	\$253,589,049
	The us for Falle stad Over/(Index) Descurry for the					
2	auront notion January 2000 - December 2000					
	(5016  m/2) = 1 life 5 + 6 + 10)	18 198 931	579 224	3,425,915	1.871.512	\$24.075.581
		10,100,001	01 0 jan (			
3	Final True-up for the period January 2008 - December 2008		1.1 m. 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 111 - 11		2440 GOEV	764 000 0000
	(Form 42-1A, Line 3)	(1,372,802)	(187,999)	(2,347,539)	(412,200)	(\$4,520,000)
	ward tarfaltafaan Aasaalik Aaraa maanaa addaliy Bahaadadi					
4	I olar Jurisalation noried Innuine 2009 December 2009					
	(1 ine 1 - Line 2 - Line 3)	\$219.057.035	\$334,679	\$8,787,009	\$5,655,350	\$233,834,074
		<u> </u>				
5	Total Projected Jurisdictional Amount Adjusted for Taxes	3:				000 4 000 40F
	(Line 4 x Revenue Tax Multiplier of 1.00072)	\$219,214,756	\$334,920	\$8,793,336	\$5,659,422	\$234,002,435

Docket No. 090007-EJ Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-3) Page 2 of 39

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Parlod Amount JANRIARY 2910 - DECEMBER 2010

### O&M Activities (in Dollars)

Line	Description	Projected Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	End of Period Total
1	Description of O&M Activities													
	<b>1</b>													
	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$ 88,625	3 88,825	\$ 85,525	\$ 68,625	\$ 58,625	\$ \$8,625	\$ 88,625	\$ 88,625	\$ 55,625	\$ 88,625	\$ 89,625	\$ 68,625	\$1,083,495
	Distribution Substation Environmental Investigation, Remediation, and Politution Prevention 3. Distribution Subtata Environmental Investigation	84,326	84,328	54,326	64,326	84,325	84,326	84,326	84,326	84,326	84,325	64,326	84,326	1,011,015
	Remediation, and Pollution Prevention 3. Pipeline Internity Management, Review/Update Plan and	1,262,200	1,372,009	1,214,200	1,092,600	1,039,800	831,800	758,000	\$55,000	313,200	313,200	108,000	ו	8,880,800
	Risk Assessments - Inten	145,429	120,429	120,429	120,429	120,429	120,429	120,429	64,000	S4,000	74,000	74,000	74,000	1,218,000
	Above Ground Tank Secondary Containment - Pkg     SO2 and NOX Emissions Allowances - Emetric	097 263	070 618	() 888 992	815 537	1 284 449	1 160 949	1 063 837	1 138,292	1.002.939	564,810	504,759	524,189	10,207,630
	6 Phase II Cooling Water Intate 316(b) - Base	0	0	0	. 0	ð	0	Q.	4	Ô	Ø		0	9
	6a Phase II Cooling Water Intel® 316(b) - Intro	Ó	0	. 0	0	0	0	0	Ö	0	0.	0	0	0
	7.2 CAR - Peaking	0	0	16,625	0	0	16,825	-0- 	5 849 014	15,520	482 D18	692.018	562.018	8.744 196
	7.4 CARCOVSTR NV6CAPULC - Date 7.4 Call Constal Dure ARKY - Ename	262,010	632,010	202,010	502,010 RGL 414	706 438	1 502 514	1.465.862	1,995,179	1.973.610	1,919,454	1,571,213	2,041,688	10,295,261
	7.4 CAiR Crystal River - A&G.	1,298	1,298	1,298	1,947	1,298	1,298	1,298	1,295	1,298	1,047	1,298	1,295	15,871
	8 Arsenic Groundwater Standard - Base	0	¢	0	Ó	¢	D	0	0	Ó	0	.0.	0	2 طقم ک
	9 Sen Tustie - Coastal Birnet Lighting - Disirits	150	150	150	150	150	150	150	150	150	204 670	204 679	204 679	4:155:465
	11 McGuller Cooling Towers - Dase 19 Consultantian Cast Inventions and Reputition - Pressu	0	0	ő	ů	0	604,900 D	3.750	3,750	3,750	3,750	3,750	3,750	22,500
	13 Mecrury Total Maximum Daily Loads Monitoring - Energy	õ	õ	9,019	Ū,	õ	9,019	Ŭ.	<b>O</b>	9 0 1 9	Ġ	0	9,020	38,077
ź	Total of OSM Activities	3 657,343	3,531,790	3,652,279	3,480,244	3,867,950	5,212,138	4,983,281	5,317,924	5,108,625	3,918,957	3,202,816	3,610,588	\$49,721,312
3	Recoverable Costs Allocated to Energy	1,893,300	1,302,946	1,564,411	1,509,951	1,970,908	2,672,482	2,533,449	3,128,321	2,939,318	2,588,014	2,079,722	2,578,647	26,561,468
4	Recoverable Costs Allocated to Demand - Transm	88,625	68,625	88,625	68,625	88,625	88,625	68,625	88,825	88,625	88,625	88,625	88,625	1,063,496
-	Recoverable Costs Alfoested to Demand - Distrib	1,365,676	1,458,478	1,298,675	1,177,278	1,124,076	916,276	643,276	639,476	397,676	397,676	192,476	84,476	9,694,515
	Recoverable Costs Allocated to Demand - Prod-Base	562,016	562,016	562,018	582,016	562,018	1,395,204	1,396,204	1,398,204	1,800,883	768,695	765,695	705,605	10,099,652
	Recoverable Costs Allocated to Demand - Prod-Inim	145,429	120,429	120,429	120,429	120,429	120,429	120,429	64,000	44,000	14,000	(T,VOV.	18.825	R7 300
	Recoverable Costs Allocated to Demand - Prod-Peaking Recoverable Costs Allocated to Demand - Å&G	1,298	1,298	16,825	1,947	1,298	1,298	1,298	1,298	1,298	1,947	1,298	1,298	16,871
5	Retail Energy Jurisdictional Factor	0.96780	0.96220	0.99630	0.96650	0.96760	0.98980	0.98030	0,95790	0.95750	0,95820	0.95590	0.95990	
	which which it is a flow and hat all all all and the star	6 440KA	n 88060	0 88958	0.00150	0 68256	8 69755	6-68256	0 68255	0.65256	0.68256	0.88256	0.68256	3
*	Peter Factorian Demond Information Factor	0.99634	0.99634	0.99634	0.99534	0.99634	0,99634	0.99634	0.99634	0,99634	0.99834	0,99634	0,99034	i
	Rateil Production Demand Astadictional Factor - Base	0.91669	0.91669	0,91669	0.91669	0.91689	0.91009	0.91669	0.91669	0.91669	0.91669	0.91669	0.91669	)
	Retail Production Demand Juristictional Factor - Inten	0.50352	0.59352	0.59352	0,59352	0.59352	0.59352	0.59352	0.59352	0.59352	0.59952	0,59382	0.59352	
	Retail Production Demand Axisdictional Factor - Peaking	0.91718	0.91716	0.91718	0.91716	0.91716	0.91716	0.91716	0.91716	0.81716	10,81,715	0.87583	0.87583	: \$
	Retail Production Demand Jurisdictional Factor - A&G	0.87583	0.87003	0.87563	0,87053	0,87863	0,91983	0,01203	0.01063	0,01000				
7	Jurisdictional Energy Recoverable Costs (Å)	1,638,775	1,253,895	1,511,690	1,459,368	1,907,443	2,591,238	2,432,871	2,996,619	2,814,397	2,474,659	1,988,006	2,4/5,243	25,544,084
6	Jurisdictional Demand Recoverable Costs - Transm (B)	60,492	80,492	60,492	60, 492	60,492	60,492	60,492	50,492	60,492	60,492	60,492	60,492 84 1#7	725,90
	Jurisdictional Demand Recoverable Costs - Distrib (B)	1,351,674	1,451,148	1,203,923	1,172,967	1,119,992	912,923	840,190	637,130	390,221	390,221	702.821	702.821	9,991,612
	Juntadictional Demand Recoverable Costs - Prod-Base (B)	510,195 44 245	010,195 71 477	310,195 74 477	74 477	71 477	71.477	71.477	37.985	37.965	43,920	43,920	43,920	722,907
	Jurisdictional Demand Recoverable Costs - Prod-Parking (8)	0	Ď	15,431	0	Ŭ,	15,431	0	G	15,431	0	ŏ	16,431	61,724
	Jurisolicional Demand Recoverable Costs - A&G (8)	1,137	1,137	1,137	1,705	1,137	1,137	1,137	1,137	1,137	1,705	1,137	1,137	14,776
	Totel Jurisdictional Recoverable Costs for O&M						<u> </u>		A.F. 0.4 5.5 5		*3 470 914		43 383 344	848 040 TO
	Activities if inse 7 + 81	\$3,663,588	\$3,353,142	\$3,469,345	\$3,281,204	\$3,675,706	\$4,932,685	\$4,666,054	\$5,913,255	84,183,110	0101010	44,400,140	ee, 0 ao, 2 [ ]	

Notes:

(A) Line 3 x Line 5 (B) Line 4 x Line 6 .

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. ___(TGF-3) Page 3 of 39 2

PROGRESS ENERGY FLORIDA Environmental Coat Recovery Clause (ECRC) Celoulation of the Projected Period Amount JANUARY 2010 - DECEMBER 2010 Ceptibil Investment Projects-Recoverable Costs (in Dollars)

					(in Dollars)									End of
Line	Description	Projected Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projectéd Jul - 10	Projected Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	Period Total
1	Description of Investment Projects (A)													
	3.1 Pipeline Integrity Management - Bartow/Anclote Pipeline-Intermediate	\$51,083	\$50,894	\$50,725	\$50,558	\$50,368	\$50,220	\$50,051	\$49,884	\$49,714	\$49,545	\$49,376	\$49,208	\$501,626
	4.1 Above Ground Tank Secondary Containment - Peaking	148,001	149,818	155,400	158,883	158,380	157,840	157,317	156,798	156 272	155,750	155,229	154,709	1,864,373
	4.2 Above Ground Tank Secondary Containment - Base	28,359	28.310	28,258	26,209	28,158	28,108	28,058	28,008	27,957	27,908	27,855	27,808	336,994
	4.3 Above Ground Tank Secondary Containment - Intermediate	4,150	4,139	4,127	4,118	4,104	4,093	4,061	4,070	4,055	4,048	4,037	4,025	49,048
	5 SO2/NOX Emissions Allowances - Energy	361,809	352,635	345,650	336,965	328,528	315,287	303,053	290,941	279,164	269,993	263,560	257,901	3,707,585
	7.1 CAIR Anciote- Intermediate	0	0	Ö	0	0	0	0	0	0	0	0.	্য মন্দ্র হায় ক	100 447
	7.2 CAIR CT's - Peeking	27,208	27,146	27,085	27,023	26,960	26,902	28,842	26,776	26,718	20,000	20,094	20,034	342,447
	7.3 CAIR Crystal River - Base	3,180	3,160	3,180	3,180	3,180	3,180	USF,5	3,160	10 025 200	40.673 200	10 520 821	10 468 400	218 268 451
	7.4 CARCULYSIIII KIYULAFULU - DABB	13,839,000	10,704,492	10,104,104	10,734,080	17,010,00 \$	19,703,143	19,703,343	8 290	8 290	8 290	8,290	8,290	99.341
	9 See Turtle - Cossial Street Liphing -Distribution	482	480	4,250. 510	538	553	583	609	625	654	678	695	724	7,109
	10.1 Understand Storike Tanks-Bass	2,281	2.278	2 271	2 287	2 262	2.257	2,252	2,248	2.243	2,238	2,234	2,229	27,058
	10.2 Underground Storage Tanks-Intermediate	1.012	1.010	1.007	1.006	1.004	1.001	909	897	995	992	991	988	12,002
	11 Modular Cooling Towers - Base	13,893	13,772	13,650	13,527	13,408	13,283	13,162	13,040	12,918	12,795	12,874	12.552	158,673
	11.1 Crystal River Thermal Discharge Compliance Project - Base	0	¢	0	0	0	.0	0	ίQ.	0.	0	0	0	0
Ż	Total Investment Projects - Recoverable Costs	16,584,257	16,396,441	16,394,307	16;370,840	18,443,792	20,314,187	20,303,437	20,250,799	20,197,632	20,135,283	20,075,538	20,016,555	225,492,867
3	Recoverable Costs Allocated to Energy	369,959	380,926	353,940	347,255	336,918	323,577	311,943	299,231	287 454	270,283	271,650	266,191	3,806,925
	Recoverable Costs Allocated to Demand - Distribution	.462	480	510	-536	553	583	609	625	654	678	695	724	7,109
4	Recoverable Costs Allocated to Damand - Production - Bass	15,962,401	15,802,030	15,801,513	15,781,283	17,865,507	19,749,971	19,752,195	19,722,418	19,671 767	19,619,331	19,566,764	19,514,176	218,629,336
	Recoverable Costs Allocated to Demand - Production - Intermediate	58,225	56,043	55,859	55,660	55,496	55,314	55,131	54,951	54,767	54,585	54,404	54,221	662,676
	Recoverable Costs Allocated to Demand - Production - Peaking	175,210	170,982	182,485	165,906	185,320	184,742	184,159	183,574	182,990	182,406	181,823	181,243	2,185,820
5	Retail Energy Jurisdictional Factor	0.96780	0.96220	0.98630	0,96650	0.96790	0.96960	0,96030	0.95790	0.95750	0.95620	0.95590	0:95890	
	Retail Distribution Domand Jurisdictional Factor	0.99634	0.99634	0.99634	0.99634	0.99634	0.99634	0,99634	0.99834	0.99634	0.99634	0.99634	0,99634	
6	Retail Demand Jurisdictional Factor - Production - Base	0.91669	0.91069	0.91669	0.91069	0.91069	0.91669	0.91669	0.91669	0.91689	0.91669	0.91669	0.91869	İ,
	Resal Demand Jurisdictional Factor - Production - Intermediate	0.59352	0.59352	0.59352	0.59352	0.59352	0.59352	0.59352	0.59352	0.59352	0.59352	0.59352	0.59352	
	Retail Demand Jurisdictional Factor - Production - Peaking	0.91716	0.91716	0,91718	0.91716	0.91716	0.91716	0.91718	0,91716	0.91716	0.91716	0.91716	D.91716	•
7	Jurisdictional Energy Recoverable Costs (B)	358,048	347,283	342,012	335,622	326,067	319,740	298,953	285,633	275,237	266,094	259,862	255,517	3,665,098
	Surredictional Demand Recoverable Costs - Distribution (B)	460	478	505	534	551	581	607	. 623	652	676	692	721	7,083
8	Jurisdictional Demand Recoverable Costs - Production - Base (C)	14,650,907	14,485,563	14,485,089	14,466,528	16,377,132	18,104,601	18,108,640	18,079,343	18,032,912	17,984,645	17,936,657	17,688,450	200,598,684
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	33,371	33,263	33,153	33,047	32,938	32,830	32,721	32,615	32,505	32,397	32,290	32,161	393,311
	Jurisdictionsi Demand Recoverable Costs - Production - Peaking (C)	160,696	162,302	167,368	170,506	169,988	169,438	168,903	168,367	167,831	187,295	166,761	166,229	2,905,664
8	Total Juriadictional Recoverable Coate for									Acc. 686.1	PIA 121 30*	B10 200 025.		-
	investment Projects (Lines 7 + 8)	\$15,203,480	\$15,028,889	\$15,028,131	\$15,008,235	\$16,906,658	\$18,621,190	\$18,607,854	\$18,557,581	\$18,509,137	\$18,451,307	\$10,393,202	.# 15,343,098	\$210,008,620
Notes:														

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

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 4 of 39

Form 42-3P

.

# PROGRESS ENERGY FLORIDA Environmental Get Recovery Clause (ECRC) Calculation of the Projected Peniod Anburt JANUARY 2019 - DECEMBER 2019 Return on Capital Investments, Depreciation and Taxas For Project: PIPELINE INTEGRITY MANAGEMENT - BartowAnctote Pipeline (Project 3.1)

(in Dollars)

Line	Description	Beginning of Period Amoun	Projected Jan - 10	Projected Feb - 10	Frojected Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec. 10	End of Period Total
1	Rrvestmente . s. Expenditures/Additions b. Clearings to Plant c. Retirements d. Other (A)		\$0 0 0 0	. <b>3</b> 0 0 0	\$0 0 0 0	\$0 0 0 0	50 0 0 0	<b>\$0</b> ti 0 0	\$0 0 0 0	\$0 0 0	\$0 .0 .0	\$0 0 0 0	\$0 0 0 0	\$0 0 0	\$0
2 3 4 8	Plent-in-Service/Depreciation Base Luss: Accumuland Depreciation CWIP - Non-Interest Basing No! Investment (Lines 2 + 3 + 4)	\$3,579,735 (585,408) 0 \$3,014,328	3,579,735 (580,744) 0 2,998,992	3,575,735 (596,080) 0 2,983,658	3,579,738 (511,418) 0 2,968,320	3,679,755 (828,752) 0 2,952,984	3,679,735 (642,688) 0 2,937,648	3,579,735 (687,424) 0 2,922,312	3,579,735 (872,760) 0 2,906,976	3,579,736 (858,099) 0 2,891,640	3,579,735 (703,432) 0 2,878,304	3,579,735 (718,789) 0 2,880,968	3,579,735 (734,104) 0 2,645,632	3,579,735 (749,440) 0 2,830,286	
Ė	Average Net Investment		3,005,860	2,991,324	2,975,988	2,980,652	2.945,318	2,929,980	2,914,844	2,899,308	2,883,972	2,858,635	2,853,300	2,837,964	
7	Return on Average Net Investment. a. Equily Companient Grossed Up For Taxes (8) 10.95 b. Debt Component (Line 6 x 2.04% x 1/12) 2.85 c. Other	16 16	25,922 7,145 0	25,790 7,111 0	25,857 7,075 0	25,528 7,039 0	25,393 7,002 0	25,262 6,965 0	25,129 6,929 0	24,996 6,893 0	24,965 9,858 0	24,732 6,520 0	24,600 8,783 0	24,468 6,747 0	302,342 83,368 0
8	Investment Expenses a. Depreciation (C) b. Amonitastion c. Demantientent d. Property Taxes (D) e. Other		15,336 0 N/A 2,857 9	15,336 D N/A 2,857 D	15,336 0 N/A 2,657 0	15,336 0 N/A 2,657 0	.16,336 D N/A 2,657 D	15,33 <del>6</del> 6 N/A 2,657 0	15,336 0 N/A 2,857 0	15,336 G N/A 2,657 C	15,338 .0 N/A .2,657 .0	15,338 0 N/A 2,6\$7 0	15,338 0. N/A. 2,657. 0.	15,336 0 WA 2,857 0	184,032 0 N/A 31,684 0
9	Total System Recoverable Expenses (Lines 7 + 8) a. Recoverable Costs Alcosted to Energy b. Recoverable Costs Alcosted to Demand		51,083 G 51,083	50,894 0 80,894	50,725 0 50,725	50,558 0 50,558	50,388 0 50,388	\$0,220 0 50,220	50,051 0 80,051	49,884 b 49,884	48,714 D 40,714	49,545 0 49,545	45,578 0 49,376	49,208 0 49,208	601,628 0 601,626
10 11	Energy Jurisdictional Factor Demans Jurisdictional Factor - Production (Intermediate)		N/A 0,59352	N/A 0.59352	NZA 0,59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	NA 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352
12 17 14	Refail Energy-Related Recoverable Costs (5) Refail Demand-Refated Recoverable Costs (5) Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0 30,307 \$30,307	0 30,297 \$30,207	0 30,106 \$30,105	0 30,007 \$30,007	0 29,906 \$29,908	0 29,607 329,807	0 29,708 \$29,708	0 29,607 \$29,607	0 29,506 \$22,506	0 29,408 \$29,405	29,306 \$29,305	0 29,206 \$29,208	0 357,077 \$357,077

Notes: (A) N/A. (B) Line 6 x 10.35% x 1/12. Based on ROE of 12.84%, weighted cost of equity component of capital structure of 8.35%, and stabulory income tax rate of 38,575% (separation factor of 1,633%). Based on proposal in PEF's rate case Dkt. 090079-EL (C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on grastic placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on proposal in PEF's rate case Dkt. 090079-EL (C) Lines 2 x 83% (B, 009130 x 1/12 + 11%(B):007100 x 1/12. Ratio from Property Tex Administration Department, based on plant allocation reported and 2008 Effective Tex Rate on original cost. (E) Line 9 x 1(in 6) (F) Line 9 x Line 11

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. ___(TGF-3) Page 5 of 39

## PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Cliculation of the Projected Period Amount JANUARY 2010 - DECEMBER 2010

### Return on Capital Investments, Deprecision and Taxas For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - PEAKING (Project 4.1)

(in Dollars)

Line	Description	1	Beginning of Period Amour	Projected t Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projectest Dec - 10	End of Period Total
1	investments a. Expenditures/Additions b. Clearings to Plant c. Reliments d. Other (A)			\$155,000 ( (	\$280,000 0 ( 0 ( 0 ( 0 ( 0 ( 0 (	\$223,000 1,513,040 2	\$0 6 0 0 0 0 0	\$0 0 0	\$0 0 0	\$0 0 0 0 0	<b>\$0</b> 0 0	\$0 0 0	\$0 0 0 0	50 0 0 0	\$0 0 0	\$538,000
2 3 4	Plant-in-Service/Depreciation Base Losa: Accumulated Depreciation CWIP - Non-Interest Bearing	_	\$8,875,395 {484,182 875,633	\$8,575,395 (828,519 1,030,040	\$8,575,395 (669,056 1,290,040	\$10,088,438 (613,747 (0	\$10,088,435 ) (981,202) ) (0)	\$10,088,435 (706,857) (0)	\$10,088,435 (756,112) (9)	\$10,068,435 (603,567) (0)	\$10,088,438 (851,022) (9)	\$10,088.435 (898,477) (0)	\$10:088,435 (945,932) (0)	\$10,088,435 (993,397) (0)	\$10,088.435 (1,040,642) (0)	
5	Net INVESTIGET (LINES 2 + 3 + 4)	~	\$3,965,262	\$9,078,815	\$9,296,379	\$9,474,665	\$9,427,233	\$9,379,775	\$8,332,323	\$9,284,668	\$9,237,413	\$9,189,958	\$9,142,803	\$9,095,045	\$8,047,585	
6	Average first investment			\$9,022,534	\$9,167,597	\$9,185,533	\$9,450,960	\$9,403,505	\$9,358,050	\$9,358,596	\$9,261,140	39,213,685	\$9,166,230	\$9,118,775	19,071,320	Ø
7	Rotum on Average Net Investment a. Equity Component Grossed Up For Taxes (6) 10 b. Debt Component (Line 6 x 2,04% x 1/12) 2 c. Other	35% 85%		77,789 21,451 0	79.211 21,844 0	80,919 22,315 0	81,484 22,469 0	81,074 22,356 0	80,686 22,244 0	80,255 - 22,132 - 0	79,847 22,019 0	79,437 21,905 0	79,028 21,792 0	75,619 21,580 0	78,211 21,568 0	956,540 263,775 0
٠	investment Experses a. Depreciation (C), b. Amortization c. Disamentiément d. Property Taxes (D) a. Other			.42,437 0 N/A 8,324 0	42,437 0 N/A 8,324 0	44,69{ 0 N/A 7,475 0	47,455 0 N/A 7,475 0	47,455 0 N/A 7,478 0	47,455 0 N/A 7,475 0	47,455 0 N/A 1 7,475 0	47,465 D N/A J 7,475 Q	47,455 0 VA 7,475 0	47,455 0 N/A 7,475 0	47,455 0 N/A 7,475 0	47,495 0 N/A 7,475 0	556,690 0 N/A 97,398 0
ġ	Total System Recoverable Expenses (Lines 7 + 8) a. Recoverable Costs Adocated to Energy b. Recoverable Costs Adocated to Demand			148,001 0 148,001	149,816 D 149,816	155,400 0 155,400	158,883 0 168,883	158,360 0 158,360	157,840 0 157,840	157,317 0 157,317	156,796 0 186,796	158,272 9 156,272	155,750 0 155,750	166,229 0 195,229	184,709 0 184,709	1,864,373 D 1,864,373
10 11	Energy Judisdictional Factor Demand Jurisdictional Factor - Production (Peaking)			N/A 0.91715	NIA 0.91716	NA 0.91716	N/A 0.91716	N/A 0.91716	N/A 0.91716	N/Å 0.91716	NA 0.91716	N/A - 0,91716-	N/A 0.91716	N/A 0.91716	NA 0.91716	
12 13 14	Retail Emergy-Related Recoverable Costs (E) Retail Demand-Related Recoverable Costs (F) Total Juristictional Recoverable Costs (Lines 12 + 13)			0 135,741 \$135,741	0 137,405 \$137,405	0 142,527 \$142,527	145,721 \$145,721	0 148,241 \$145,241	0 144,785 \$144,785	0 144,285 \$144,285	0 143,807 \$143,807	8 143,326 \$143,328	8 142,845 \$142,848	0 142,370 \$142,370	0 141,863 \$141,893	0 1,709,928 \$1,709,928

Notes: (A) NA (B) Liné & x 10.35% x 1/12. Sased in ROE of 12.54%, weighted cost of equity component of capital structure of 6.36%, and statutory income tax rate of 38.575% (expension factor of 1.6339). Based on proposal in PEP's rate case Dkt. 090079-EL. (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only in assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based in proposal in PEP's rate case Dkt. 090079-EL. (D) Property tax calculated in Above Ground Tank Secondary Conteinment section of Capital Program Detail file only in assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based in 2008 Effective Tax Rate on original cost. (E) Line 9b x Line 10

-

# PROGRESS ENERGY, FLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Antount JANUARY 2010 - DECEMBER 2010 Return on Capital Investments, Dapreciation and Taxes For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Base (Project 4.2) (In Dollare)

1         Binvestment3         30         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50         50	Projected Projected Projected Projected Feb-10 Mer-10 Apr-10 Mey-10	Projected Projected Projected Projected Projected Projected Projected Jun - 10 Jul - 10 Aug - 10 Sep - 10 Oct - 10 Nov - 10 Dec - 10	End of Pariod Total
2         Plant-in-Servical Depreciation Base Less: Accumulated Depreciation CWIP, Non-interest Basing CWIP, CWIP, CWIP, Non-interest Basing CWIP, CWIP, CWIP, CWIP, Non-interest Basing CWI	\$0 \$0 \$0 \$0 5 0 0 0 0 0 0 0 0 0	0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 8 0 0 0 80 \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 [;]
6       Not Investment (Lines 2+3+4)       2,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,021       1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,025       \$1,000,05       \$1,000,05       \$1,000,05       \$1,000,05	\$2,068,790 \$2,068,790 \$2,068,780 \$2,068,71 (77,109) (\$1,879) (66,249) (80,8 0 0 0 0	0 \$2,068,790 \$2,068,790 \$2,068,790 \$2,068,790 \$2,066,790 \$2,066,790 \$2,068,790 m) (96,369) (99,659) (104,029) (109,099) (113,669) (118,239) (122,809) 0 0 0 0 0 0 0 0 0 0	
5       Average Net Investment       \$1,998,538       \$1,998,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,980,538       \$1,950,538       \$1,950,546       \$1,951,978       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,646       \$1,957,657       \$4,570       \$4,570       \$4,570       \$4,570       \$4,570       \$4,570       \$4,570       \$4,570       \$4,570	1,991,681 1,987,111 1,982,541 1,977,97	1 1,873,401 1,968,531 1,964,261 1,859,691 1,855,121 1,950,551 1,945,961	
7       Return on Average Net Investment       a. Equity Component Grossed Up For Yakes (B)       10.35%, B17,231       \$17,231       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,192       \$17,193       \$17,034       \$18,985       \$16,915       \$16,916       \$16,877       \$16,867       \$46,670       \$46,670       \$46,670       \$0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	\$1,923,966 \$1,969,396 \$1,984,826 \$1,980,2	6 \$1,975,686 \$1,971,518 \$1,966,546 \$1,861,978 \$1,967,408 \$1,952,835 \$1,948,286	
5       Investment Expenses       a. Deprectivion (C)       34,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670       \$4,670	\$17,192 \$17,152 \$17,113 \$17,67 \$4,741 \$4,729 \$4,719 \$4,71 0 0 0	3 \$17,034 \$16,985 \$16,955 \$16,916 \$16,877 \$16,836 \$16,797 8 \$4,897 \$4,689 \$4,879 \$4,854 \$4,654 \$4,642 \$4,632 0 0 0 9 0 0 9 0 0 0	\$204,171 \$56,299 D
Y Total System Recoverable Expansive (Lines 7 + 6)         26,359         28,310         28,256         28,209         28,158         28,108         28,008         27,957         27,958         27,855           g, Recoverable Costs Allocated to Energy b. Recoverable Costs Allocated to Demand         26,359         28,310         28,256         28,209         28,158         28,108         26,058         28,008         27,957         27,958         27,855           10         Energy duitedictional Factor         N/A	\$4,570 \$4,870 \$4,570 \$4,57 0 0 0 0 N/A N/A N/A N/A 1,807 1,807 1,807 1,80 0 0 0 0	G \$4,870 \$4,670 \$4,570 \$4,570 \$4,570 \$4,570 \$4,570 D Q G B O D O NVA NVA NVA NVA NVA NVA NVA NVA NVA 7 1,807 1,807 1,807 1,807 1,807 1,807 1,807 3,807 O D D O O O O	\$54,840 0 N/A 21,654 0
18 Enwayy duitedictional Factor NVA NVA NVA NVA NVA NVA NVA NVA NVA NVA	28,310 28,268 28,209 28,18 28,310 28,258 28,209 28,18	8 28,108 28,058 28,008 27,987 27,905 27,855 27,805 8 28,108 26,058 28,008 27,967 27,905 27,855 27,805	338,994 536,994
	N/Ä N/A N/A N/Ä 0.91669 0.91669 0.91689 0.916	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
12         Ratial Energy-Related Recoverable Costs (E)         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <td>0 0 0 0 25,951 25,904 25,859 25,81 25,851 355 904 878 855 25,81</td> <td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>0 :.308.919 \$308.919</td>	0 0 0 0 25,951 25,904 25,859 25,81 25,851 355 904 878 855 25,81	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 :.308.919 \$308.919

Holes: (A) N/A. (B) Line 6 x 10.35% x 1/12. Based on ROE of 12,54%, weighted cost of equity component of cepted structure of 5,35%, and statutory income tax rate of 38.575% (expansion factor of 1,8336). Based on proposal in PEF's rate case Did: 090079-EI; (C) Deprediation calculated in Above Ground Tank Secondary Containment section of Capital Program Datali Rie only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2006 Effective Tax Rate on original cost. (E) Depredy tax calculated in Above Ground Tank Secondary Containment section of Capital Program Datali Rie only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2006 Effective Tax Rate on original cost. (F) Line 9 x Line 11

.

Form 42-4P Page 3 of 15

## PROGRESS ENERGY FLORIDA Enviroimental Cost Recovery Clause (ECRC) Calculation of the Projected Partod Antount JANUARY 2010 - DECEMBER 2010

## Refum on Capital Investments, Dapreciation and Taxes For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT – Intermediate (Project 4.3) (in Dollare)

Line	Description	Beginning of Period Amount	Projected Jan - 10	Projected Feb - 10	Projected Mar- 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	Period Total
1	investments a. Expanditures/Additions b. Cleanings to Plant c. Reliferents d. Other (A)		\$0 0 0 0	\$0 0 0 0	08 0 0 5	04 0 0 0	\$0 0 0 0	50 10 10 0	\$0 0 .0 9	<b>30</b> 0 0	\$0 .0 .0	\$0 0 0	\$0; 0; 0; 5	\$0 0 0 0	\$0
2 3 4 5	Plant-In-Servica/Depreciation Base Leas: Accumulated Depreciation CWIP - Non-Interest Bearing Nat Investment (Lines 2+3 + 4)	\$290;297 (22,218) 8 \$268,080	\$290,297 (23,253) 0 267,045	\$290,297 (24,288) 0 266,010	\$290,297 (25.323) 0 264,975	\$290,297 (26,358) <u>0</u> 263,940	\$290,297 (27,398) 0 262,965	\$290,297 (28,428) 0 261,870	\$290,297 (29,463) 0 260,835	\$290,297 (30,499) 0 259,800	\$290,297 (31,633) 0 256,765	\$290,297 (32,866) 0 	\$290,297 (33,803) 0 256,695	\$290,297 (34,638) 0 255,660	
6	Average Net Investment		257,862	266,527	265,492	284,457	263,422	282,387	261,352	260,317	269,282	258,247	267.212	255,177	
7	Return on Average Net Investment a. Equity Component Grossed Up For Taxes (8) b. Debi Component (Line 8 x 2.04% x 1/12) c. Other	10 35% 2 85%	2,307 636 0	2,298 634 0	2,289 631 0	2,280 829 0	2,271 626 0	2,282 524 0	2,253 621 0	2,244 619 0	2,235 616 9	2,227 614 0	2,218 812 0	2,209 609 0	27,083 7,471 0
8	Investment Expenses s. Depreciation (C) b. Amorifization c. Dismenitement d. Property Texes (D) s. Other		f,035 N/A 172 0	1,035 0 N/A 172 9	1,035 0 N/A 172 0	1,035 9 N/A 172 9	1,035 0 N/A 172 0	t.035 D N/A 172 D	1,035 10 №A 172 10	1,035 B N/A 172 Q	1,035 0 N/A \$72 8	1,035 0 N/A 172 0	1,035 0 N/A 172 0	1,035 0 N/A 172 0	12,420 0 N/A 2,064 0
9	Totel Bystem Recoverable Expenses (Lites 7 + 6) 6. Recoverable Costs Allocated to Energy 6. Recoverable Costs Allocated to Demand		4,150 4,150	4,139	4,127 4,127	4,118 4,118	4,104 4,104	4,093 4,093	4,081	4,070	4,058 4,058	4,048 4,048	4,037 4,037	4,025	40,048 49,048
10 11	Energy Jurisdictional Factor Demand Jurisdictional Factor - Production (Intermediat	o}	N/A 0.59352	N/A 0.59352	N/A 0.69352	N/A 0,69352	N/A 0.59382	N/A 0.59382	N/A 0.59352	NVA 0.59352	NA 0.59352	16A 0.59352	N/A 0.59352	N#A 0.59352	
12 13 14	Retail Energy-Related Recoverable Costs (C) Retail Demand-Related Recoverable Costs (C) Tatal Juntalizionel Recoverable Costs (Lines 12 + 13)		0 2,483 \$2,483	0 2,457 \$2,467	0 2,449 \$2,449	0 2,443 \$2,443	2,436 \$2,436	0 2,429 \$2,429	0 2,422 \$2,422	0 2,416 \$2,416	0 2,409 \$2,409	0 2,403 \$2,403	0 2,396 \$2,396	0 2,389 \$2,389	0 29,111 \$29,111

Notes: (A) N/A. (B) Line 6 x 10.35% x 1/12. Eased on ROE of 12,64%, weighted cost of equity component of capital structure of 8.36%, and statutory income tax rate of 38.875% (expansion factor of 1.8338). Eased on proposal in PEP's rate case Dkl. 090078-EL (C) Deprecision calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2008 Effective Tax Rate on original cost. (C) Upperly lax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2008 Effective Tax Rate on original cost. (C) Line 9x x Line 11

-----

## PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount JANUARY 2016 - DECEMBER 2010 Schedule of Americation And Return Schedule of Americation And Return Deferred Gain on Sales of Emissions Allowances (Project 6) (in Dollars)

Line	Description		Beginning of Period Amount	Projected Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr - 15	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Awg - 10	Projected Sep - 10	Projected Out - 19	Projected Nov - 10	Projected Dec - 10	Pariod Total
1	Working Capitel Dr (Cr) a. 1581001 SCJ, Emission Allowance Investory b. 25401FL Auctioned SCJ, Allowance c. 1581002 MCX Emission Allowance Investory		88,002,143 (1,921,713) 28,432,468	\$6,745,933 (1,909,321) \$7,559,022	\$5,836,274 (1,896,926) 26,935,699	\$5,553,551 (1,864,535) 28,478 184	\$6,425,295 (1,872,142) 25,955,455	85,218,410 (1;832,869) 24,859,822	\$8,078,016 (3,818,324) 23,821,302	\$5,936,225 (1,797,359) 22,841,491	\$6,770,051 (1,779,594) 21,801,500	\$5,516,193 (1,761,829) 21,022,072	\$5,504,402 (1,744,054) 20,453,877	\$5,419,997 {1,726,299) 20.018,758	\$5,333,689 (1,708,534) 19,559,912	\$5,333,889 (1,708,534) 19,559,912
2	Total Working Capital		\$33,392,697	32,385,834	31,725,015	31,125,149	30,509,612	29,245;143	28,084,194	27,020,358	25,881,968	24,879,025	24,214,218	23,709,457	23,185,267	23,185,297
3	Average Net Investment			32.694,266	32,060,325	31 425,082	30,817,381	29,877,378	28,054,659	27,592,278	26,451,162	25,380,498	24,546,621	23,961,836	23,447,362	
4	Return on Average Net Working Capital Belance a. Equility Component Grossed Up For Taxes (A) b. Debt Component (Line 3 x 2.04% x 1/12).	10,35% 2,85%	_	283,603 78,295	275,413 74,223	270,997 74,713	265,697 73,268	257,593 71,083	247,137 . 60,150	237,547 65,506	228,053	218,622 60,342	211,633	208,591	202,155 55,748	\$2,908,181 \$61,404
5	Total Return Component (8)		-	361,809	352,636	345,650	338,965	328,628	315,287	303,053	290,941	279,164	289,993	253,550	257,901	3,707,585
6 7	Expense D/ (Cr) a. 5090011 SO; ellowance expense b. 4074004 Amoritzation Expense c. 5090003 Nox allowance expense Net Expense (C)		-	\$156,210 (12,393) \$53,446 997,283	\$109,658 (12,393) 573,354 870,618	\$102,724 (12,393) 509,525 599,800	\$107,252 (12,393) \$20,678 \$15,537	\$207,589 (39,254) 1,095,834 1,264,489	\$140,394 (17,765) 1,038,320 1,180,949	\$141,791 (17,785) 939,611 1,063,857	\$168,174 (17,785) 989,983 1,138,592	\$151,009 {17,765} 688,856 1,002,939	\$113,780 (17,785) 568,795 664,810	\$84,405 (17,765) 438,119 504,759	\$85,105 (17,765) \$55,645 \$24,185	1,568,253 (\$213,180) \$8,852,556 10,207,630
£	Total System Recoverable Expenses (Lines 5 + 7) a. Recoverable tools elocated to Energy b. Recoverable costs elidicated to Demand			1,359,072 1,359,072 0	1, <b>023,255</b> 1,023,255 0	945,516 945,515 8	954,502 954,502 0	1,593,095 1,593,095 0	1,478,238 1,478,238 0	1,565,590 1,365,590 0	1,429,333 1,429,333 0	1,282,103 1,282,103 0	834,803 134,803 0	788,319 768,210 0	762,090 752,090 0	13,915,215 12,915,215 0
.9 10	Energy Juristictional Factor Demand Jurisdictional Factor			0,96750 N/A	0.96220 N/A	. 0.96630 N/A	0.98650 N/A	0.96780 N/A	0.98980 N/A	0.96030 N/A	0,95790 Nià	0.95750 N/A	0.05620 N/A	0.85590 N/A	0.95990 N/A	
11 12	Retail Energy-Related Recoverable Costs (D) Retail Demand-Related Recoverable Costs (E)			1,315,310 0	984,578 0	913,652 Q	922,528 0	1,541,797 0	1,431,358 0	1,312,824 0	1,369,159 0	1,227,614 0	.893,859 B	734,458 0	750,729	13,397,640 0
13	Total Junisdictional Recoverable Casts (Lines 11 + 12)		-	\$ 1,315,310	<b>\$ 954,576</b>	813,652	\$ 922,526	\$ 1,541,797	1,431,358	\$ 1,312,024	1,36P,158	1,227,614	\$ 893,859	\$ 734,438	750,729	\$ 13,397,846

Notes: (A) Line 6 x 10.35% x 1/12. Based on ROE of 12.54%, weighted cost of equity component of capital structure of 6.56%, and sistulory income lax rate of 38.575% (expansion factor of 1.6338). Based on proposal in PEP's rate case Okl. 090070-EL. (B) Line 5 is reported on Capital Schedule (C) Line 7 is reported on D&M Schedule (D) Line 6 x Line 9. (C) Line 6 x Line 9.

.

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-3) Page 9 of 39

### PROGRESS ENERGY PLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount JANUARY 2010 - DECEMBER 2019 Reium on Capital Investments, Depreciation and Taxes For Project: CAIR - Intermediate (Project 7,1 - Ancieta Low Nox Burners and SOFA) (In Dollars)

Line	Description	Beginning of Period Amount	Projected Jan - 10	Projected Feb - 10	Projected Mer - 10	Projected Apr - 10	Projected Mey - 19	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep - 10	Projection Oct - 10	Projected Nov 10	Projected Dec - 10	Period. Total
1	Investments a. Expanditures/Additions b. Clearings to Plani c. Reliferents d. Other (A)		\$0 0 0 0	80 0 0 0 0	\$0 0 0	<b>\$0</b> 0 0 0	\$0 0 0	\$0 0 0 0	\$0. 0 0 0	08 0 0 0	\$0 0 0 0	\$0 0 0 0	\$0 0 0	\$0 0 0	\$9 _.
	2 Plant-In-Service/Depreciation Base 3 Leas: Accumulated Depreciation 4 CWIP - Non-Interest Bearing 5 Net Investment (Lines 2 + 3 + 4)	\$0 8  \$0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 6 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	
	8 Average Net Investment		0	0	¢	o	0	σ	D	0	¢	Q.	a'	G	
	7 Return on Average Net Investment a. Equity Component Grossed Up For Taxes. (5) 10 b. Oebl Component (Line 6 x 2.57% x 1/12) 2 c. Other	35% 85%	6 0 0	6 0 8	5 0 0	0 0 0	8 0 0	0 0 0	0 0	Ö Ö	0 0	0 0	0 0 0	0 0 0	\$0 0
	8 Investment Experisos a. Deprecision (C) b. Amotization c. Dismanitement d. Property Taxes (D) 6. Other		0 9 14/A 0 0	0 N/A 0 0	0 0 NKA 0 0	N/A D	0 0 NFA 0 0	0 0 N/A 0 0	0 N/A D 0	Q Q NVA Q B	D G N/A O	Q D NVA D Q	0 0 NVA 0 0	0 0 N/A 0 0	0 0 N/A 0 0
	<ul> <li>B Total System Recoverable Expenses (Lines 7 + 8)</li> <li>a. Recoverable Costs Allocated to Emergy</li> <li>b. Recoverable Costs Allocated to Demand</li> </ul>		0 0 0	0 0 0	0 0	0 0 0	0 0	0 0	0 0 0	0. 0 .0	0 0	0 0 0	0 0 0	0. 0. 0	0 0 0
10 11	Energy Jurisdictional Factor Demand Jurisdictional Factor - Production (Intm)		N/A 0.69352	N/A 0.59352	N/A. 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	N/A 0.59352	N/A 0,59352	N/A 0.59352	
12 13 14	Retail Energy Related Recoverable Costs (E) Retail Demand-Related Recoverable Costs (F) Total Jurísdicional Recoverable Costs (Lines 12 + 13)	_	9 0 \$0	0 0 50	0 (1 30	0 0 \$0	0 0 \$0	0 0 \$0	0 0 \$0	0 0 \$0	10 	0 0 80	0 0 \$0	0 0 \$0	0 0 \$0

Notes: (A) NA (B) Line 8 x 10.35% x 1/12: Based on ROE of 12.54%, weighted cost of equity component of cepitel structure of 6.36%, and statutory income tax rate of 38.575% (expansion factor of 1.6338). Based on proposal in PEP's rate case CKI, 090079-EI. (C) Line 2 x rate x 1/12: Besed on 2008 Effective Tex Rate on original cost. (C) Line 9 x Line 10 (C) Line 9 x Line 11

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-3) Page 10 of 39

### PROGRESS ENERGY FLORIDA

# Proceedings enterior FLORIDA Environmential Cost Recovery Clausie (ECRC) Calculation of the Projected Period Amount JANUARY 2010 - DECEMBER 2010 Return on Capital Investments, Depreciation and Taixes For Project: CAIR - Peaking (Project 7.2 - CT Emission Monitoring Systems)

### tin

n Del	ars.	

Line	Description	Be Peri	plinning of iod Amount	Projected Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	Eric of Period Total
4	Investments 6. Expenditures/AddHione D. Clearings to Plant 6. Retiremente 6. Other (A)			50 0 0	\$0 0 0 0	\$0 0 0 0	\$0 0 0 0	\$0- 0 0	\$0 D Q 0	\$0 0 0 0	\$0 0 0	50 0 0	\$0 05 0 0	50 G 0 0	\$0 0 0	\$0
2 3 4 5	Plant-In-Service(Depreciation Base Less: Accumulated Depreciation CWIP: Non-Internat Bearing Not Investment (Lines 2 + 3 + 4)	*	(91,934,400 (91,924) 0 1,843,377	\$1,934,400 (96,599) 0 1,837,802	\$1,934,400 (102,174) 0 1,932,227	\$1,934,400 (107,749) 0 1,826,652	\$1,934,400 (113,324) 0 1,821,077	\$1,934,400 (118,899) 0 1,815,502	\$1,934,400 (124,474) 0 1,809,927	\$1,834,400 (130,049) 0 1,604,352	\$1,934,400 (135,624) 0 1,798,777	\$1,854,400 (141,196) 0 1,763,202	\$1,934,400 (146,774) 0 1,787,627	\$1,934,600 (182,349) 0 1,782,052	\$1,934,400 (157,924) 0 1,778,477	
¢	Average Net Investment			1,840,590	1,835,015	1,829,440	1,823,865	1,818,290	1,812,715	1,807,140	1,801;565	1,795,990	1,790,415	1,784,840	1,779,265	
7	Return on Average Net Investment a. Equity Component Grossed Up For Taxes (8) 1 b. Debt Component (Line 6 x 2.04% x 1/12) c. Other	0.35% 2.85%		15,670 4,376 0	15,620 4,353 0	15,772 4,350 0	18,724 4,336 0	15,878 4,321 9	15,62# 4,311 d	15.581 4,298 Ö	15,533 4;282 0	15,485 4,270 0	15,436 4,257 0	15:308 4:243 0	15,341 4,230 0	197,254 - 51,637 - 0
9	Investment Expenses a. Depreciation (C) b. Amortization c. Dismanisement d. Property Tuxos (D) e. Other		-	5,575 .0 Nià 1,388 0	5,575 D N/A 1,388 D	5,575 C N/A 1,388 C	8,575 0 N/A 1,388 0	8,575 0 N/A 1,388 0	5,575 0 N/A 1,398 0	8,575 0 N/A 1,386 0	5,575 0 N/A 1,388 0	5,576 D N/A 1,386 0	5,575 0 1,386 0	8,578 0 N/A 1,388 0	6,575 0 N/A 1,388 0	55,900 0 N/A 16,658 0
9	Totel System Récoverable Expenses (Lines 7 + 8) a. Recoverable Costs Allocated to Energy b. Recoverable Costs Allocated to Demand			27,209 27,209	27,148 27,146	27,085	27,023 27,023	26,960 26,960	26,902 25,902	26,842 26,842	26,778 26,778	25,718 25,718	28,656 26,656	28,594 26,594	26.534 28.634	322,447 322,447
10 11	Energy Jurisdictional Factor Demend Jurisdictional Factor - Production (Peaking)			NIA 0.91716	N/A 0.91716	Ń/A 0.91718	N/Å 0.91716	NÉA 0.91718	N/A 0.91716	1¥A 0.91716	N/A 0.91718	N(A. 0.91716	N/A 0,91715	N/A 0.91716	NZA 0,91716	
12 73 14	Reteil Energy-Related Recoverable Costs (E) Retail Demand-Related Recoverable Costs (F) Total Juristicilonal Recoverable Costs (Class 12 + 13)			0 24,955 \$24,855	0 24,897 \$24,897	0 24,841 \$24,841	0 24,764 \$24,784	0 24,727 \$24,727	0 24,673 \$24,673	0 24,818 \$24,618	0 24,560 \$24,660	0 24,505 \$24,505	0 24,448 \$24,448	0 24,391 \$24,391	0 24,336 \$24,336	0 295,735 \$295,735

----

Notes: (A) N/A: (B) Une 6 x 10.35% x 1/12. Based on ROE of 12.54%, weighted cost of equity composient of ceptal structure of 8.35%, and statutory income tax rate of 38.675% (expansion factor of 1.6338). Based on proposal in PEF's rate case DKL 090079-EI: (C) Depreciation calculated in CAIR OTs section of Capital Program Datali file only on assed placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on proposal in PEF's rate case DKL 090079-EI: (D) Property tax calculated in CAIR OTs section of Capital Program Datali file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2008 Effective Tax Rate on original cost. (E) Line 9 x Line 10 (F) Line 9b x Line 11

.

.

## PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Celtulation of the Projected Period Amount JANUARY 2019 - DECEMBER 2010

### Réturn on Capital Investments, Depresision and Taxes. For Project: CAIR - Crystal River - Base (Project 7.3 - Continuous Mercury Monitoring Systems) (in Deliers)

1 investments         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0	\$0 \$0 \$ 0 0 0 0 0 289,107 289,107 289,107 289,107 289,107
B. Expenditures/Additions         \$D	\$0 \$0 \$ 0 0 0 0 0 289,107 289,107 289,107 289,107 289,107
b: Clearings to Plant         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	0 0 0 0 0 0 289,107 289,107 289,107 289,107
12. Relitements 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 289,107 289,107 289,107 289,107
d. Onner (4) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 289,107 289,107 289,107 289,107
	0 0 0 0 289,107 289,107 289,107 289,107
2 Plant-in-SevideoDeprindiation Base \$5 0 0 0 0 0 0 0 0 0 0 0 0	0 0 289,107 289,107 289,107 289,107
	289,107 289,107 289,107 289,107
4 CWWP - Non-Internat Besiding 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107	289,107 289,107
5 Net Investment (Lines 2 + 3 + 4) 2289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 28	
6 Average Nel Investment 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107 289,107	289,107 289,107
7 Return on Averaide Nat Investment	
a. Equity Component Grossed in For Taxes (B) 10.35% 2.463 2.463 2.463 2.463 2.463 2.463 2.463 2.463 2.463	2 403 2 403 270 01
b. Debi Component (1,3ve 5 x 2,04% x 3/12) 2,85% 687 647 847 847 847 847 847 847 847 847 847 8	RAT 687 6.24
a. Other 0. 0 0 0 0 0 0 0 0 0 0 0	0 0
a hussiment Pynanises	
	0 0
	n n
0. Dismantismant N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A
d Property Taxes (D) 0 0 0 0 0 0 0 0 0 0 0 0	0 0
e. Othir 0 0 0 0 0 0	<u> </u>
9 Total Svilan Recoverable Expanses (Lines 7 + 8) 3-160 5-180 4-180 5-180 5-180 5-180 5-180 5-180 5-180	3 180 3 180 38 16
	0 0
b. Recoverable Costs Allocated to Demand 3,180 3,180 3,180 3,180 3,180 3,180 3,180 3,180 3,180 3,180 3,180	3,180 3,180 38,16
1) Educivio, Infratericional Registro XVIA XVIA XVIA XVIA XVIA XVIA XVIA XVIA	ál/a 14/4
11 Demand Jurisd(titinin Factor - Production (Baixs) . 0.91889 0.91889 0.91889 0.91889 0.91889 0.91889 0.91889 0.91889 0.91889 0.91889 0.91889	0.91659
12 Rehief Emility Related Recoverable Costs (E) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ó Ö.
13 Retall Command-Related Recoverable Costs (F) 2.015 2.015 2.015 2.015 2.015 2.015 2.015 2.015	2,915 2,915 34.98
14 Talel Jurisdictional Recoverable Costs (Lines 12 + 13)\$2,915 \$2,915 \$2,915 \$2,915 \$2,915 \$2,915 \$2,915 \$2,915	\$2,915 \$2,915 \$34,98

Line

Notes: (A) NA (B) Line 5 x 10.35% x 1/12. Based in ROE of 12.54%, weighted cost of equity component of capital structure of 6.38%, and statutory income tax rets of 38.575% (expansion factor of 1.6338). Based on proposal in PEF's rate case Dkl. 090079-EL (C) Line 2 x rate x 1/12. Detrected on 2008 Effective Tax Rate on original cost. (E) Line 5 x Line 11 (E) Line 5 x Line 11

,

### PROGRESS ENERGY FLORIDA

## Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Ambent JANUARY 2010 - DECEMBER 2010

## Return on Capital Investments, Depraciation and Taxes For Project: CAIR - Base - AFUDC (Project 7.4 - Crystal River FGD and BCR) (In Dollars)

Line	Description		Seginning of Period Amount	Projected Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	End of Period Total
1	hivestments a. Expenditures/Additions b. Clearings to Plant c. Retirements d. Other (A)	7.467%		11,791,501 1,560,000 0 1,817,093	13,154,705 3,288,200 0 1,552,184	11,180,371 2,009,085 0 1,514,426	9,202,135 1,120,000 0 1,703,016	3,175,787 249,120,000 0 893,364	<b>\$3,435,939</b> 3,433,939 D 0	\$3,931,322 3,931,322 0 0	\$689,781 689,781 0 0	\$406,743 406,743 0 0	\$387,177 387,177 0 0	\$388,761 389,781 0 0	\$386,665 396,886 D 0	\$58,126,996
2 3 4 5	Plant-In-Service/Depreciation Base Lass: Accumulated Depreciation CWIP - AFLICC-Interest Bearing Net Investment (Lines 2 + 3 + 4)		\$979,476,187 {\$4,406,719} 201,914,302 \$1,176,981,830	981,038,187 (8,598,430) 213,662,935 1,185,100,712	984,324,387 (12,802,308) 225,081,685 1,196,603,544	986,934,372 (17,017,431) 235,286,379 1,205,183,319	968,054,372 (21,237,380) 243,051,630	1,287,175,052 (25,997,345) 0 1,211,177,794	1,240,608,991 (31,305,386) 0 1,209,303,605	1,244,540,313 (36,630,362) 0 1,207,909,951	1.245.230.094 (41.958.309) 0 1.203.271.285	1,245,636,836 (47,298,006) 0	1,245,024,013 (52,619,375) 0 1 193,404,434	1,248,410,794 (57,952,409) 0 1 188,458,385	1,246,797,459 (63,297,108) 0 1,183,510,350	65,406,911
6	Average Net Investment	-		1,181,841,271	1,191,352,178	1,200,893,481	1,208,525,920	1,211,523,113	1,210,240,655	1,205,606,778	1,205,590,868	1,200,610,307	1,195,678,734	1,190,931,612	1,185,984,368	
7	Return on Average Net Investment a. Equity Component Grossed Up For Taxes (8) b. Debi Component (Line 6 x 2.04% x 1/12) c. Other (C)	10.38% 2.85%		8,395,870 2,315,097 114,545	6,360,065 2,310,882 0	8,369,221 2,307,887 0	8,348,935 2,302,292 0	9,386,973 2,669,092 0	10,434,292 2,877,347 0	10,420,205 2,873,465 0	10,394,203 2,868,291 0	10, <b>352,985</b> 2,854,927 0	10,310,450 2,843,197 0	10,287,616 2,831,439 0	10,225,182 2,619,677 0	115,287,704 31,791,591 114,545
8	Investment Expenses a. Depreciation (D) b. Anontization c. Dismantement d. Property Taxes (E) a. Other (P)			4,199,711 0 N/A 858,772 83,193	4,203,878 D N/A 859,644 O	4,218,123 0 N/A 861,923 0	4,219,949 9 N/A \$52,891 0	4,759,958 0 N/A 1,080,487 8	5,508,038 0 N/A 1,063,456 0	8,324,976 0 1.14A 1,086,899 0	5,327,947 0 N/A 1,087,501 0	5,329,699 0 N/A 1,087,857 0	5,331,387 0 N/A 1,088,195 0	5,333,054 0 N#A 1,088,632 0	5,334,700 0 N/A 1,088,870 0	58,878,390 C N/A 12,133,027 C
9	Tötsi System Recoverable Expenses (Lines 7 + 8) s. Recoverable Costs Alexand to Energy b. Recoverable Costs Alexand to Demand			15,834,688 0 15,934,688	15,754,492 0 15,754,492	15,754,154 0 16,754,154	18,734,080 0 15,734,080	17,818,501 0 17,818,501	19,703,143 0 19,703,143	19,705,543 0 19,705,643	19,675,842 0 19,675,942	19,825,469 0 19,825,469	18,573,209 D 19,573,209	19,520,821 0 19,520,821	19,488,409 0 19,468,409	218,268,451 0 218,298,451
10 11	Energy Judisdicional Factor Demand Jurisdictional Factor - Production (Base)			N/A 0.91669	N/A 0.91589	N/A 0.91069	N/A 0.91669	N/A 0.91059	N/A 0.91669	N/A 0.91669	N/A 0.91689	N/A. 0.91669	N/A 0.91662	₩A 0.91659_	N/A 0.91669	
12 13 14	Retail Energy-Related Recoverable Costs Retail Demand-Related Recoverable Costs Total Jurisdictional Recoverable Costs (Lines 12 4	13)		0 14,607,169 \$14,607,169	0 14,441,985 \$14,441,985	0 14,441,875 \$14,441,875	0 14,423,274 \$14,423,274	0 16,334,042 \$16,334,042	0 18,061,674 \$18,061,674	D 15,083,874 \$15,063,874	0 18,035,739 \$16,036,739	0 17,990,471 \$17,990,471	0 17,942,565 \$17,942,565	0 17,894,541 \$17,664,541	0 17,846,496 \$17,646,496	0 200,084,506 \$200,084,505

Notes: (A) AFUDC calculation based on proposal in PEP's rate case Dbl. 090070-EI. (B) Return on equity and debt calculated only on azaets piecel in service which appear in CAIR Crystal River AFUDC section of Capital Program Detail file. Calculated on that schedule as Line 6 x rate x 1/12. Rate based on ROE of 12,54%, weighted cost of equity component of capital structure of 6.55%, and statutory incoments at rate of 38,575% (expansion factor of 1,6336). Based on proposal in PEP's rate case Dkl. 090079-EI. (C) TIU amount for the equity and debt components of the everage nat investment that were inadvertantly axcluded in the 2009 Est/Actual filing. (D) Deprecision calculated only on assets placed in-service which appear in CAIR Crystal River AFUDC section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Rate based on proposal in PEP's rate case Dkl. 090079-E1. (E) Proprecision calculated only on assets placed in-service which appear in CAIR Crystal River AFUDC section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Rate based on proposal in PEP's rate case Dkl. 090079-E1. (E) Proprint Directilated only on assets placed in-service which experim CAIR Crystal River AFUDC section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Rate based on proposal in PEP's rate case Okl. 090079-E1. (E) Propresti places calculated only on assets placed in-service which experime AFUDC section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2008 Effective Tax Rete on original cost. (P) T/U amount for depreciation and property tax expenses that were instructed and on the 2009 Est/Actual filing.

Form 42-4P Page 9 of 15

### PROGRESS ENERGY FLORIDA Environmental Coal Recovery Clause (ECRC) Calculation of the current Period Estimated/Actual Amount JANUARY 2010 - DECEMBER 2010

## Schedule of Amoritzation and Return For Project: CAIR - Energy - AFUDC (Project 7.4 - Resgents and By-products) (In Doffers)

Line	Description	. ,	Beginning of Period Amount	Actual Jan - 10	Áctuai Féb - 10	Actual Mar - 10	Actual Apr 10-	Actual May - 10	Actual Jun - 10	Ex9mated Jul - 10	Estimated Aug - 10	Estimated Sep - 10	Estimated Oct - 19	Estimated Nov - 19	Estimated Dec - 10	End of Period Total
1	Working Capital Dr (Cr) a. 1544001 Ammonia Inventory b. 1544004 Limeatone Inventory		\$158,148 \$70,000	\$104,105 589,600	\$164,105 589,600	\$164,105 589,600	\$184,105 589,600	\$164,105 589,600	\$164,105 589,600	\$164,105 589,600	\$164,FQ5 589,500	\$154,105 589,600	\$184,105. 589,600	5164,105 589,600	\$164,105 589,600	\$164,105 589,600
2	Total Working Capital		\$728,148	763,705	753,705	753,705	7\$3,705	753,705	753,705	753,705	753,705	753,705	753,705	753,705	753,705	753,705
3	Average Net investment			740,925	753,705	753,705	753,705	753,795	753,705	753,705	783,705	753,705	753,705	753,705	753,705	
¥.	Return on Average Net Working Capital Balance a	10.35%		5,368	6,496	6,498	6,498	8,490	6,495	8,498	8,498	5,498	8,498	6,498	6,498	\$77,668
5	b. Dabt Component (Line 3 x 2.04% x 1/12) Total Return Component (B)	2.85%		1,782	1,792 8,290	1,792	1,792 8,290	1,792 8,290	1,792 6,290	1,792	6,290	1,792.	8,290	8,290	6,290	99,341
7 6	Expense Dr (Cr) a. 5020011 Ammonis expense c. 5020012 Limestone Expense d. 5020003 Gypsun Disposal/Sale d. Othar Net Expense (C)		· · · 	253,396 58,149 380,324 0 691,870	213,073 50,765 359,321 0 626,160	257,348 124,613 369,399 951,359	238,362 114,176 539,709 0 690,247	202,169 74,193 425,968 0 702,271	530,288 195,691 772,168 0 1,498,347	\$14,636 190,429 766,830 0 1,461,696	567,914 311,904 1,102,194 6 1,982,012	535,720 304,004 1,078,720 0 1,919,443	538,485 302,984 1,078,818 0 1,915,287	435,209 238,229 592,808 0 1,567,045	\$65,378 327,001 1,145,142 0 2,037,521	4,652,920 2,292,338 9,106,000 0 16,245,257
8	Total System Recoverable Expenses (Lines 5 + 7) a. Recoverable costs allocated to Energy b. Recoverable costs allocated to Demand			700,019 700,019 0	638,450 836,450 0	959,649 959,649 0	<b>498</b> ,537 898,537 8	710,561 710,561 0	1,506,637 1,506,637 0	1,469,996 1,469,986 0	1,990,302 1,990,302 0	1,927,733 1,927,733 0	1,923,577 1,923,577 0	1,575,336 1,575,336 0	2,045,811 2,045,811 0	16,344,698 16,344,698 0
8 10	Energy Judisdictional Factor Demand Judisdictional Factor			0.96760 N/A	0.98220 NVA	0.96630 N/A	0.96650 N/A	0.96780 N/A	0.98960 N/A	0.95030 N/A	0.95790 N/A	0.95750 N/A	0.95620 N/A	0.95390 N/A	0.95990 N/A	
11 12	Réláit Energy-Related Recoverable Costs (D) Retail Domand-Related Recoverable Costs (E)			677,479 0	812,392 0	927,309 0	858,430 0	697,631 0	1,460,836 0	1,411,627 0	1,905,510	1,845,804	1,839,324 0	1,505,854 0	1,953,774 0	15,707,035 0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12	)	1	677,479	612,392	927,309	658,439	687,581 \$	1,460,835	\$ 1,411,827	\$ 1,806,510	\$ 1,845,604	\$ 1,839,324	\$ 1,505,864	\$ 1,963,774	\$ 15,707,035

Note: (A) Line 8 x 10,35% x 1/12. Based on ROE of 12.54%, weighted cost of squify component of capital structure of 8,36%, and statutory income tax rate of 38.575% (expansion factor of 1.6338). Based on proposal in PEF's rate case Dkt. 080076-EL (B) Line 5 is reported on Capital Schedule (C) Line 8 as Line 9. (E) Line 8 bx Line 10.

.

and the second second second second second second second second second second second second second second second

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 14 of 39

# PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Pariod Antount JANUARY 2019 - DECEMBER 2019 Return on Capite Investments, Deprocition and Taxes For Project: SEA TURTLE - COASTAL STREET LIGHTING - (Project 9) (in Dellars)

Line	Description		Segitiming al bried Amount	Projected Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	End of Period Total
1	invéstments a. Expenditures/Additions b. Cleannas to Plant			1,567	1,667	1,867	1,567	1,967	1,667	1,667	1,667	1,667	1, <b>667</b> 0	1,667	1,867	\$20,800
	c. Betremente d. Other (A)			0.0	ů p	0	0	0	0	Ŭ Ŭ	ů ů	0	Ċ Ŭ	0 0	0 D	
2 3 4	Plant-in-Service/Depreciation Base Less: Accumulated Depreciation CWIP - Non-Interest Bearing		\$30,145 (8\$2)	30,145 (960) 1,667	30,148 (1,068) 3,333	35,148 (1,185) (0)	35,146 (1,311) 1,607	35,146 (1,437) 3,333	40,746 (1,572) (0)	40,146 (1,716) 1,687	40,145 (1,860) 3,555	45,148 (2,013) (0)	43,146 (2,174) 1,667	45,146 (2,236) 5,333	80,146 (2,505) (0)	
5	Net investment (Lines 2 + 3 + 4)		\$29,284	30,853	\$2,411	33,961	35,502	37,042	38,574	40,097	41,619	43,133	44,639	48,144	47,641	
6	Average Net Investment			30,075	31,832	33,188	34.731	36,272	37,808	39,335	40,859	42.378	43,886	45,391	48,893	
,	Return on Average Net Investment a. Equity Component Grossed Up For Taxes (B) b. Debt Component (Line 6 x 2 04% x 1/12)	10.35% 2.85%		259 71	273 75	200 79	299 83	313 86	326 90	339 94	352 97	365 101	378 104	381 108	404 113	\$3,985 1,099
8	c. unan			U	ç	v	0	U.	Ū.	U	Q.	U	U .	ų	5	Ű.
	<ul> <li>Depreciation (C) 4.29%</li> <li>D. Amortization</li> </ul>			108 C	108	117 D	128 0	128 0	135 Q	144	144 0	153	161 0	: 161 0	170 Ø	1,853 Ū
	c, Demendement d. Property Taxes (D) 0.009423 e, Other			N/A 24 0	NVA 24 0	N/A 28 0	N/A 28 0	N/A 29 0	N⊮A 312 0	N/A 32 0	NKA 32 0	N/A 35 0	N/A 35 0	35 0	39 0	372
,	Total System Recoverable Expenses (Lines 7 + 8)		-	462	460	510	536	553	583	609	525	654	678	695 0	724	7,109
	<ul> <li>b. Recoverable Costs Alcostet to Demand</li> </ul>			462	480	510	536	853	583	609	625	854	678	695	724	7,109
10 11	Energy Jurisdictional Factor Demand Jurisdictional Factor - (Distribution)			N/A 0.99834	N/A 0.99534	N/A 0.99634	N/A 0.99634	N/A 0.99634	N/A 0.99834	N/A 0.99634	N/A 0.99634	NVA 0.99634	N/A 0.99534	NFA. 0.99634 (	N/A 0.99534	
12	Retail Energy-Related Recoverable Costs (E) Retail Demand-Related Recoverable Costs (F)			.0 460	0 478	0 508	0 534	0 551	0 551	0	623	0 652	0	0 692	0. 721	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			\$460	\$478	\$503	\$534	\$551	\$581	\$607	\$823	\$852	\$676	\$692	\$721	\$7,083

Notes: (A) NA (B) Line 8 x 10.35% x 1/12. Based on ROE of 12.54%, weighted cost of equity component of capital sinucture of 8.35%, and statutory income tax rate of 38.575% (expansion factor of 1.6335). Based on proposal in PEF's rate case Dkt. 090079-EL (C) Line 2 x rate x 1/12. Depreciation rate based on proposal in PEF's rate case Dkt. 090079-EL (D) Line 2 x rate x 1/12. Based on 2008 Effective Tax Rate on original cost. (E) Line 9 ax Line 10 (F) Line 9b x Line 11

Form 42-4P Page 11 of 15

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-3) Page 15 of 39

# PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Period Amount ANUARY 2010 - DECEMBER 2010 Return on Capital Investments, Depreciation and Taxes For Project: UNDERGROUND STORAGE TANKS - BABE (Project 10.1) (In Dollars)

Line	Description	<u>-</u>	Boginning of Period Amount	Projected Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr + 10	Projected May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 19	Projected San - 10	Projected Dot - 10	Projected	Projected Dec. 10	End of Period
	1 Investments															10141
	e. Expenditures/Additions			**	22	2.2										
	b. Cleanings to Plant			#4 ^	şü	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	30	\$0
	c. Retirements			, v	0	Q.	Ø	0	0	0	9	9	0	5	ø	
	d. Other (A)				0	0	Q	0	0.	0	0	· Ø-	, <b>b</b>	0	õ	
	· · · · · • •			u	Q	đ	.0	0	0-	0	ð	0	Q,	Ū.	ō	
	2 Plant-In-Service/Depreciation Base		£188 544	188 041	453.044	د نشخصه	A144-10 10 10			,						
	3 Less: Accumulated Depreciation		2100,001 212,0005	109.841	100'841	168,941	168,941	108,841	168,941	168,941	168,941	168,941	168,941	168,941	168,941	
	4 CWIP - Mon-Interest Bearing		fin was	(34,469)	(14,384)	(18,325)	(18,758)	(16,187)	(18,818)	(17,049)	(17,480)	(17.011)	(18.342)	(19,773)	/19.2040	
	5 Net investment (Lines 2 + 3 + 4)	-	1114 000				<u> </u>	0	. 0		0	0	0	0	0	
		-	\$104,748	104,470	104,047	153,616	153,185	152,754	152,323	151,892	151,461	151,030	150,599	150,158	149,737	
	8 Average Net Investment			154,694	154,263	153,832	153,401	152,970	152,539	152,108	181,877	151,245	150,818	150:384	149,953	
	7 Return on Average Net Investment												1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		· · · · · · · · · ·	
	a. Equily Component Grossed Up For Taxes (B)	10 25%		1 774	4 890											
	b. Debt Component (Line 6 x 2.04% x 1/12)	2 85%		355	1,000	1.626	1.323	1,319	1,315	1,311	1,308	1,364	1,390	1,297	1,293	\$15,760
	ç, Other			0	307	389	365	364	363	362	. 361	380	359	358	357	4,350
					v	U U	¢	0	· Q	0	0	0	٥.	Ó	C.	0
	8 Investment Expenses															
	4. Depreciation (C) 3.06%			631	431	444	444		183		1. x					
	b. Amontization			a	A			*31	433	43.1	-431	431	431	431	431	5,172
	c. Dismaritiement			N/A	N#A	N/A	Ń/A	bira U	444	0	Ð.	0	<b></b> - <b>-</b> - <b>-</b>	. 0	<b>0</b>	.0,
	d. Property Taxes (D) 0,010480			148	148	148	148	148	-116AR 	NVA:	N/A	NA	N#A	NA	rua.	N/A
	e, Other		_	Ċ.	0	Č.		140	140	148	-348	148	548	148	148	1,776
	a manafana an an tao an tao an tao an tao an tao an tao an tao an tao an tao an tao an tao an tao an tao an tao						·		·····	·····	9	. U	<u> </u>	2	<u> </u>	
	9 Total System Recoverable Expenses (Lines 7 + 5)			2,281	2,278	2,271	2.267	2 262	2 257	7 283	3 7 A	0.043	0.015		-	
	a. Recoverable Costs Allocated to Energy			Ŭ	0	0	a	.0	1	****Z	2.240	4.449. D	2,230	2,234	2,229	27,058
	D, Allcoverations Costs Autocated to Demand			2,281	2,276	2.271	2,267	2,262	2,257	2.252	2,248	2,243	2.238	2.234	2:229	77 158
10	Energy Julisdictional Factor			suin.	4116											**;***
11	Demand Junationical Factor - Production (Bara)			0.04040	D#A	IWA:	NA	FVA.	N/A	N/A	H/A	NA	N/A.	N/A	N/A	
	(Dale)			0.91009	0.91069	0.91669	0.91669	0.91689	0,91669	0,91669	0 91669	0.91669	0.91659	0.91869	0.91569	
12	Rutal Energy Related Recoverable Costs (F)			ń			_									
13	Refail Demand-Related Recoverable Code (F)			3 004		0	0	0	0	0	0	0	0	0	đ	0
14	Total Julistictional Recoverable Costs /Lines 12 + 1:	n.		6,971	009,3	2,082	2,078	2,074	2,069	2,084	2,081	2,056	2,052	2,048	2,043	24.804
		· /		#4,179 F	44,000	\$2,082	¥2,078	\$2.074	\$2,089	\$2,054	\$2,081	\$2,056	\$2,052	\$2,048	\$2,043	\$24,804

Notes: (A) N/A (B) Line 6 x 10.35% x 1/12. Seared on ROE of 12.54%, weighted cost of equilibrium of capital structure of 6.36%, and statutory income tax rate of 38,575% (expension factor of 1.8538). Based on proposal in PEF's rate case DkL 090079-EL (C) Line 2 x rate x 1/12. Depreciation rate based on proposal in PEF's rate case DkL 090079-EL (C) Line 9 x rate x 1/12. Based on 2008 Effective Tax Rate on proposal in PEF's rate case DkL 090079-EL (C) Line 9 x rate x 1/12. Based on 2008 Effective Tax Rate on proposal in Cost.

## PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Celculation of the Projected Period Amount JANUARY 2010 - DECEMBER 2010

### Return on Capital Investments, Depreciation and Taxes For Project: UNDERGROUND STORAGE TANKS - INTERMEDIATE (10.2) (in Dollara)

Line	Description	Beginning of Period Amount	Projected Jan - 10	Projected Feb - 10	Projectud Mar - 10	Projected Apr - 10	Projaciezi May - 10	Projected Jun - 10	Projected Jul - 10	Projected Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	End of Period Total
	1 investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	- 20	\$0	\$0	. \$0	\$0	\$0	\$0
	b. Cleanings to Plant		Q	0	Ó.	6	0	Q	Ø	0	0,	0	0	Ô	
	C. Reinente		0	0	.0	0	0	0	0	0	Q.	0	0	0.	
	a. Uner (A)		0	0	Q	¢	0	٥	0	¢	Ð	0	0	0	
	2 Plant-in-Service/Depreciation Base	\$78.656	75.006	78.008	76.008	78.008	78.008	76 (2)8	78.006	78 008	78 106	78.004	76,006	76 006	
	3 Less: Accumulated Depreciation	(7,189)	(7,367)	(7,565)	(7,783)	(7.951)	(8.159)	(8.357)	(8,555)	(8,753)	(6 951)	(9, 149)	(9.347)	(9.545)	
	4 CWIP - Non-Interest Bearing	0	0	0	Ŭ	ő	0	0	0	Ċ.	0	0	. 0	0	
	5 Net Investment (Lines 2 + 3 + 4)	\$68,837	68,639	68,441	88,243	68,045	67,847	67,849	67,451	67,253	87,055	66,857	66,859	66,461	
	8 Avenue Nel Investment		68,738	85,540	68,342	68,144	67,946	67,748	67,550	67,352	67,154	66,955	66,758	66,560	
	7 Return on Average Net Investment														
	a: Equity Component Grossed Up For Taxes (B) 10.	35%	593	591	589	585	585	584	582	581	579	577	578	874	\$7.000
	<ol> <li>Debt Component (Line 6 x 2.04% x 1/12)</li> <li>2.</li> </ol>	85%	163	163	162	182	162	161	161	160	160	159	159	158	1,930
	s. Other		0	0	Ó	Q	0	Ó	0	Q	đ	0	0	Ű.	0
	8 Investment Expenses														
	s. Depreciation (C) 3.12%		198	198	199	198	198	198	198	198	198	196	198	198	2,376
	b. Amonization		Û	ö	. 0	. 0	Ó		O D	ø	0:	0	0	0	0
	c. Dismantiement		NA	NA	N/A	N/A	N#A	NIA	N/A	NA	N/A	N/A	N/A	N/A	.N#A
	d. Property Taxes (D) 0.009130		58	68	56	58	. 68	58	58	58	58	58	.55	58	695
		-	0	<u>v</u>	<u> </u>	0	0	0	9		0	9	<u> </u>		0
	9 Total System Recoverable Expenses (Lines 7 + 8)		1,012	1,010	1.007	1.005	1,004	1,001	999	997	895	992	991	986	12,002
	s. Recoverable Costs Associate to Energy		0	0	0	0	0	O	0	0	0	. 0	Ő	0	, a
	b. Recoverable Costa Allocated to Demand		1,012	1,01D	1,007	1,006	1,004	1,001	999	997	195	992	991	868	12,002
10	Energy Jurisdictional Factor		N/A	NZA	N/A	N/A	N/A	NEA	N/A	Ńβλ.	N/A	N/A	NZA	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.59552	0.59352	0,59352	0.59352	0.59352	0.59352	0.59352	0.59352	0.59352	0,59352	0.59352	0.59352	
12	Retail Energy-Related Recoverable Costs (E)		0	0	.0	. 0	0	0	a	G	0	0	Ó	0	0
13	Retail Demand-Related Recoverable Costs (F)	_	601	599	598	59T	598	594	593	592	593	589	588	586	7.123
14	Total Jurisdictional Recoverable Costa (Lines 12 + 13)	-	\$601	\$599	\$598	\$597	\$596	\$594	\$593	\$592	\$591	\$589	\$588	\$558	\$7,123
		++													

Notes: (A) NA (B) Line 8 x 10.35% x 1/12: Based on ROE of 12.34%, weighted cost of equity component of capital structure of 6.36%, and sistuatory income lax rate of 36.878% (expansion factor of 1.6338). Based on proposel in PEF's rate case Dkt. 090079-El. (C) Line 2 x rate x 1/12. Dependention rate based on proposal in PEF's rate case Dkt. 090079-El. (D) Line 2 x rate x 1/12. Based on 2008 Effective Tax Rate on triginal cost. (F) Line 96 x Line 10. (F) Line 96 x Line 11

Form 42-4P Page 13 of 15 .

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Projected Parkot Anotain JANUARY 2010 - DECEMBER 2010 Return on Capital Investments, Depreciation and Taxes For Project: MODULAR COOLING TOWERS - BASE (Project 11) (in Dollara)

Description		Seginning of Period Amount	Projected Jan - 10	Projected Fati - 10	Projectad Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Proječted Jul - 10	Projectied Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	End of Period Total
1 Investments															
a. Expenditions/Additions			\$0	50	<b>\$</b> 0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.	50	30	80
b. Cleanings to Plant			ġ	0	G	Û	Ŭ	Ø	0	Q	0	0	Ģ	Ó	•+
d. Other (6)			0	0	đ	Ð	D	. a	0	q	0	0	ส	0-	
			v	Ű	0	U U	Q	a	.0	o	0	0	0	0	
2 Plant in Service/Depreciation Base		3565,141	865 141	665,141	665,141	665,141	665 141	665,141	565,141	865 141	385 121	666 141	885 141	BAS 141	
3 Less: Accumulated Depreciation		(457,179)	(468,265)	(479,351)	(490,437)	(501,523)	(512,608)	(523,695)	(534,781)	(545,887)	(336,953)	(568,039)	(679,125)	(590,211)	
4 CWIP - Non-Interast Bearing			<u>¢.</u>	Ó	0	0	0	0	0	0	8	0	O	0	
o the anaptition (relea 7 + 9 + 4)		\$207,962	196,876	185,790	174,704	162,618	152,532	141,448	130,350	119,274	106,188	97,102	\$5,015	74,930	
8 Average Nat Invastment			202,419	191,333	180,247	189,161	158,075	146.989	135,903	124,817	113,731	102,845	91,559	80,473	
7 Return on Avarage Net Investment															
a. Equity Component Grossed Up For Taxes (B)	10.36%		1,745	1,650	1,554	1,458	1,363	1,267	1,172	1.076	981	886	763	894	\$14.834
<ol> <li>Debt Component (Line 6 x 2.04% x 1/12)</li> </ol>	2,85%		481	465	429	402	375	349	323	297	270	244	218	191	4,035
c, Other			0	Q	Q	¢	Ö	0	Ð	0	÷ Ö	0	0	Q,	0
fi investment Expenses															
a. Depreciation (G) 20.00%			11,085	11,088	11,086	11.006	11,086.	11 056	11.068	11-086	11 085	11 088	11.086	111084	4727.00D
b. Amontization			D D	0	0	0	D	đ	0	0	0	b	0	0	100,002
c. Dismantieromi			N/A	N/A	N/A	N/A	NA	NKA	NA	N/A	NA	N/A	NA	NA.	N/A
a Property Laxes (D) 0.010480			581	501	581	581	581	581	561	551	-581	581	- 581	581	6.972
•. WEIN					<u>v</u> .		V	U	<u> </u>	<u> </u>	0	.0	0	0	<u>0</u>
9 Total System Recoveracte Expenses (Lines 7 + 8)			13,893	13,772	13,650	13,527	13,405	13,263	13.162	13.040	12.918	12,798	12.674	12,652	158 673
a. Recoverable Costs Allocated to Energy			0		0	0	Q	.0	Ő	0	Ø	0	0	0	0
b, Recoverable Costs Apocaled to Demand			13,893	13,772	13,850	13,527	13,408	13,283	13,162	13,840	12,918	12,798	12,874	12,552	158,673
10 Energy Jurisdictional Factor			N#A	N/A	N#A	NÍ/A	NEL	N/A	ANTA		6.1/A	MIK.	- NEI A	atia	
11 Demand Jurisdictional Factor - Production (Base)			0.91559	0.91669	0.91999	0.91669	0.91669	0.91669	0,91669	0.91669	0.91669	0.91689	0,91689	0.91669	
12 Retail Energy-Related Recoverable Costs (E)			0	0	Ø	0	D	0	D	Ó	Ó	Ö	đ	0	Ö
13 Retail Demand-Related Recoverable Costs (F)			12,736	12,625	12,513	12,400	12,269	12,176	12,005	11,954	11,842	11,730	11,916	11,806	145.454
14 John Junspictional Hecoverable Costs (Lines 12 + 13)	r		\$12,736	\$12,625	\$12,513	\$12,400	\$12,269	\$12,176	\$12,065	\$11,954	\$11,842	\$11,730	\$11,618	\$11,506	\$145,454

Line

Notes: (A) N/A (B) Line 6 x 10.35% x 1/12. Based on ROE of 12.54%, weighted cost of squity component of capital structure of 6.36%, and statutory income tax rate of 88.678% (expansion factor of 5.6338). Based on proposal in PEP's rate case Dkl; 090076-EL (C) Line 2 x rate x 1/12. Depreciation rate based on 5 year life of project, as stated in Dkl, 060162-EL (D) Line 2 x rate x 1/12. Based on 2008 Effective Tax Rate on original cost. (E) Line 9 x Line 11 (F) Line 9b x Line 11

Form 42-4P Page 14 of 15

Docket No. 090007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-3) Page 18 of 39

## PROGRESS ENERGY FLORIDA Environmental Coal Recovery Clause (ECRC). Calculation of the Projected Period Amount JANUARY 2010 - DECEMBER 2010

### Return on Capital Investments, Deprecision and Taxes Fer Project: Grystal River Thermal Discharge Compliance Project-AFUDC - Base (Project 11.1)

(in Collara)

Line	Description		Beginning of Period Amount	Projected Jan - 10	Projected Feb - 10	Projected Mar - 10	Projected Apr - 10	Projected May - 10	Projected Jun - 10	Projected July 10	Projectad Aug - 10	Projected Sep - 10	Projected Oct - 10	Projected Nov - 10	Projected Dec - 10	End of Pariod Total
٩	t invistments a. Expanditures/Additions b. Cleanings to Ptent c. Retirements d. Other (A)	7.647%		\$1,868,181 D 0 \$ \$1,939	\$2,602,065 0 0 \$ 96,367	\$1,862,773 0 9 \$ 114,892	\$2,273,032 0 \$ 130,368	\$2,588,048 0 3 148,825	\$3,100,537 0 \$ 159,744 1	\$4,668,022 0 198,487	\$3,304,359 .0 0. 5 228,158	\$5,473,848 0 0 5 200,893	\$3,443,422 0 0 \$ 294,355	\$1,740,138 0 0 \$ 314,817	\$1,703,100 0 0 \$ 329,256	\$34,827,623 \$2,368,796
2 3 4 5	t Plani-in-Sarvici/Depreciation Base Less: Accumulated Depreciation I CWIP - AFUDC- Interest Bearing I Not Investment (Lines 2 + 3 + 4)		\$0 \$0 \$9,537,648 \$0	0 0 11,406,059 11,405,069	0 14,008,134 14,008,134	0 15,870,907 15,870,907	0 0 18,143,039 18,143,039	0 0 20,731,984 20,731,984	0 0 23,832,521 23,832,521	C 28,500,543 28,500,543	0 31,804,902 31,604,902	0 37,278,850 37,278,850	0 40,722,272 40,722,272	0 42,462,410 42,462,410	0 44,185,511 44,185,511	
5	Avensje Net Investment			5,703,054	12,707,101	14,939,520	17.007,423	19,437,961	22,282,252	26,166,532	30,152,723	34,541,876	39,000,561	41,592,341	43,313,961	
7	Roturn on Averaige Net Investment a. Equity Component Grassed Up For Taxes (B) b. Debt Component (Line 6 x 2,04% x 1/12) c. Other	10.35% 2.85%		0 0	0 0 0	0 0	0 0 0	0 0	.0 0 0	0 0	0 9 0	0 0	0	¢ 0 0	0 0 0	<b>50</b> 0. 10
ġ	Investment Expenses a. Depreciation b. Amortization c. Dismaxiliament d. Property Taxes e. Other			0 0 N/A 0 0	0 0 N/A 0 0	0 0 N/A 0	0 0 NVA 0 0	0 13 14 0 0	8 -0 N/A -0 	0 0 NVA 0	0: 0 N/A 0 0	D D NVA D D	0 N/A 0	ð N/A d	0 N/A 0	0 0 N/A 0
9	Total System Recoverable Expenses (Lines 7 + 8) a. Recoverable Costs Allocated to Energy b. Recoverable Costs Allocated to Demand	•		0 0	6 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 9 0	0 0 0
10 11	Energy Jurisdictional Factor Demand Jurisdictional Factor - Production (Base)			N/A 0.91669	N/A 0.91669	NVA 0.91869	N/Å 9,91669	N/A 0.91669	N¥A 0,91689	N/Á 0,91689	N/A 0.91669	N/A 0.91669	N/A. 0.91659	N/A 0,91669	N/A 0.91669	
12 13 14	Retail Energy-Rölatöd Recoverable Costa (C) Retail Demand-Related Recoverable Costa (D) Total Jurizdictional Recoverable Costa (Lines 12 +	• 13)	-	9 0 \$0	0 0 \$0	0 G \$0	0 0 \$0	0 D \$0	0 0 \$0	0 0 .\$0	0 0 \$0	0 0 \$0	0 0 \$0	0 0 \$0	0 0 \$0	6 6 50

Notes: (A) AFUDC calculation based on proposal in PEF's rate case Dist. 090079-E1. (B) Line 6 x 10.35% x 1/12. Based on ROE of 12.54%, weighted cost of equily component of capital structure of 6.36%, and statutory income tax rate of 38.575% (expansion factor of 1.6338). Based on proposal in PEF's rate case Dist. 090079-E1. (C) Line 9a x Line 10. (D) Line 9b x Line 11.

Form 42-4P Page 15 of 15

.

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 19 of 39

Docket No. 090007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 20 of 39

> Form 42-5P Page 1 of 14

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

Project Title: Substation Environmental Investigation, Remediation, and Pollution Prevention Project No. 1

### **Project Description:**

Chapter 376, Florida Statutes, requires that any person discharging a prohibited pollutant shall undertake to contain, remove, and abate the discharge to the satisfaction of the Florida Department of Environmental Protection. Similarly, Chapter 403, Florida Statutes provides that it is prohibited to cause pollution so as to harm or injure human health or welfare, animal, plant, or aquatic life or property. For Progress Energy Florida to continue to comply with these statutes, it is conducting environmental Investigation, remediation, and pollution prevention activities associated with its substation facilities to determine the existence of pollutant discharges, and if present, their removal and remediation. Activities also include development and implementation of best management and pollution prevention measures at these facilities.

### **Project Accomplishments:**

PEF has conducted environmental remediations at 41 substations during 2008. PEF is currently on target to meet the schedule for substation remediations agreed to with the FDEP for 2009.

### **Project Fiscal Expenditures:**

January 1, 2009 to December 31, 2009: Project expenditures are estimated to be \$2,728,163 lower than originally projected. This variance is primarily due to scheduling conflicts that resulted in multiple sites being rescheduled from the first half of 2009 to the fourth quarter of 2009 and into 2010, multiple sites containing less contamination than originally projected, and recent scope changes to the remediation taking place at the West Lake Wales substation site.

### Project Progress Summary:

PEF is on schedule according to the approved Substation Inspection Plan and the Substation Assessment and Remedial Action Plan.

### **Project Projections:**

Estimated project expenditures for the period January 2010 through December 2010 are expected to be \$2,075,411.

### Form 42-5P Page 2 of 14

### PROGRESS ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

### Project Title: Distribution System Environmental Investigation, Remediation, and Pollution Prevention Project No. 2

### **Project Description:**

Chapter 376, Florida Statutes, requires that any person discharging a prohibited pollutant shall undertake to contain, remove, and abate the discharge to the satisfaction of the Florida Department of Environmental Protection. Similarly, Chapter 403, Florida Statutes provides that it is prohibited to cause pollution so as to harm or injure human health or welfare, animal, plant, or aquatic life or property. For Progress Energy Florida to continue to comply with these statutes, it is conducting environmental Investigation, remediation, and pollution prevention activities associated with its distribution system facilities to determine the existence of pollutant discharges, and if present, their removal and remediation. Activities elso include development and implementation of best management and pollution prevention measures at these facilities.

### **Project Accomplishments:**

Progress Energy has completed all TRIP inspections and has finalized its remaining targets. PEF is expecting to complete remediations on 875 distribution padmount transformer sites in 2009. All remediations have been conducted in accordance with the FDEP approved Environmental Remediation Strategy.

### **Project Fiscal Expenditures:**

January 1, 2009 to December 31, 2009: Project expenditures are estimated to be \$70,481 higher than originally projected.

### **Project Progress Summary:**

This project is on schedule according to the approved Distribution System Investigation, Remediation and Pollution Prevention Program.

### **Project Projections:**

Estimated project expenditures for the period January 2010 through December 2010 are expected to be approximately \$8.9 million. Progress Energy is expecting to complete remediations on approximately 750 sites.

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.__(TGF-3) Page 22 of 39 Form 42-5P

Form 42-5P Page 3 of 14

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

### Project Title: Pipeline Integrity Management, Review/Update Plan and Risk Assessments Project No. 3

### **Project Description:**

The U.S. Department of Transportation ("USDOT") Regulation 49 CFR Part 195, as amended effective February 15, 2002 and the new regulation published at 67 Federal Register 2136 on January 16, 2002 requires PEF to implement a Pipeline Integrity Management Program. Prior to the February 15, 2002 amendments, the USDOT's pipeline integrity management regulations applied only to operators with 500 miles or more of hazardous liquid and carbon dioxide pipelines that could affect high consequence areas. The amendments which became effective on February 15, 2002 extended the requirements for implementing integrity management to operators who have less than 500 miles of regulated pipelines. As such, PEF must improve the integrity of pipeline systems in order to protect public safety and the environment, as well as comply with continual assessment and evaluation of pipeline systems integrity through inspection or testing, data integration and analysis, and follow up with remedial, preventative, and mitigative actions.

PEF owns one hazardous liquid pipeline that is subject to the new regulation and must comply with the new requirements for the Bartow/Anclote 14-inch hot oil pipeline, extending 33.3 miles from the Company's Bartow Plant north of St. Petersburg.

### **Project Accomplishments:**

During 2009 Regulatory Compliance Partners completed a regulatory gap analysis of the PIM program using the PHMSA Protocols, the Integrity Management Program Plan Revision 6 was completed and BAP personnel have participated in the design process and construction coordination for FDOT Projects at US 19 and Haines Bayshore Road, and 9th Street and Gandy Boulevard.

### **Project Fiscal Expenditures:**

January 1, 2009 to December 31, 2009: O&M project expenditures are estimated to be in line with the originally projected expenses.

### **Project Progress Summary:**

Review and updates to the integrity management plan and risk analyses continue on target. Compliance work will continue through the end of 2009, and into the future.

### **Project Projections:**

Estimated project O&M expenditures for the period January 2010 through December 2010 are expected to be \$1,218,000.

DOCKET NO. 090007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No.__(TGF-3) Page 23 of 39

> Form 42-5P Page 4 of 14

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

Project Title: Above Ground Storage Tank Secondary Containment Project No. 4

### Project Description:

Florida Department of Environmental Protection Rule 62-761.510(3) states that the Company is required to make improvements to many of its above ground petroleum storage tanks in order to comply with those provisions. Subsection (d) of that rule requires all internally lined single bottom above ground storage tanks to be upgraded with secondary containment, including secondary containment for piping in contact with the soil. Rule 62-761.500(1)(e) also requires that dike field area containment for pre-1998 tanks be upgraded, if needed, to comply with the requirement.

### **Project Accomplishments:**

The following tanks were completed and placed into service during 2009: DeBary 1, Turner 7, Turner 8 and Higgins 1. Work on Bartow 6 will commence in September 2009. Turner P-1 and P-2 piping work is anticipated to begin in September 2009 and is expected to be completed by year-end.

Project Fiscal Expenditures:

January 1, 2009 to December 31, 2009: There are no projected O&M project expenditures for this project in 2009.

Project Progress Summary:

PEF will continually evaluate its compliance program, including project prioritization, schedule, and technology applications.

### **Project Projections:**

Estimated capital expenditures for the period January 2010 through December 2010 are expected to be approximately \$638,000. The costs are associated with the tank upgrade work at Bartow.

Progress Energy Florida Witness: T.G. Foster Exhibit No.__(TGF-3) Page 24 of 39

> Form 42-5P Page 5 of 14

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

Project Title: Project No. 5 SO₂ and NOX Emissions

### **Project Description:**

In accordance with Title IV of the Clean Air Act, CFR 40 Part 73 and Part 76, and Florida Statute Regulation 62-214, PEF manages the company's SO2 and NOX emissions allowance inventory for the purpose of offsetting sulfur dioxide and nitrogen oxides emissions in compliance with the Federal Acid Rain Program.

### **Project Accomplishments:**

For purposes of compliance with an affected unit's sulfur dioxide and nitrogen oxides emissions requirements under the Acid Rain Program, the air quality compliance costs are administered by an authorized account representative who evaluates a variety of resources and options. Activities performed include purchases of SO2 and NOX emissions allowances as well as auctions and transfers of SO2 emissions allowances.

### **Project Fiscal Expenditures:**

January 1, 2009 to December 31, 2009: Project expenditures are estimated to be \$19,338,701 lower than originally projected. This variance is primarily driven by actual emissions being lower than forecasted emissions due to lower power demand and fuel switching from coal-fired and oil-fired generation to gas-fired generation when economically and operationally feasible. Also, the weighted average cost – the per allowance cost at which emissions are expensed – is lower than the original projection.

### Project Progress Summary:

PEF continually evaluates its compliance strategy to manage the most cost effective program and to mitigate higher gas prices which can impact our fuel mix as it relates to emissions as a result of residual oil.

### **Project Projections:**

For the period January 2010 through December 2010 Estimated SO2 expenditures are expected to be \$1,568,253 and NOX project expenditures for the period and \$8,852,556, respectively. PEF also expects approximately \$213,180 in amortization expense from SO2 auction proceeds in 2010.

Docket NO. 090007-E1 Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 25 of 39

> Form 42-5P Page 6 of 14

PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

### Project Title: Project No. 6

Phase II Cooling Water Intake

### Project Description:

Section 316(b) of the Federal Clean Water Act, requires that "the location, design, construction, and capacity of cooling water intake structures reflect the best technology available for minimizing adverse environmental impact." 33 U.S.C. Section 1326. In the past, EPA and the state regulatory agency implemented Section 316(b) on a case-by-case basis. In the new Phase II rules, EPA has established "national performance standards" for determining compliance with Section 316(b) at certain existing electric generating facilities. See 40 CFR 125.94(b). The process of compliance involves planning and scheduling efforts, conducting certain biological studies, and evaluation of options for compliance. These compliance options involve engineering measures, operational measures, restorative measures and/or cost assessment measures. See generally 40 CFR 125.94 and 125.95.

### **Project Accomplishments:**

PEF facilities subject to EPA's new Phase II rules include Anclote, Bartow, Crystal River and Suwannee plants. Early in 2004 PEF requested competitive bids for an environmental consultant to support the development of a Compliance Strategy and Implementation Plan (CSIP); that contract was secured and the CSIP is now complete. The consultant completed a Proposals for Information Collection (PICs) for Anclote and Bartow, Suwannee and Crystal River and they have been submitted and approved by the FDEP.

### **Project Fiscal Expenditures:**

January 2009 - December 2009: Due to the vacatur, the estimated project O&M expenditures for the period January 2009 through December 2009 are projected to be \$0.

### **Project Progress Summary:**

The original baseline biological studies have been completed. Work has been suspended pending completion of additional rulemaking.

### **Project Projections:**

Due to the vacatur, the estimated project O&M expenditures for the period January 2010 through December 2010 are projected to be \$0.

PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for **Environmental Compliance Activities and Projects** 

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 26 of 39

Form 42-5P Page 7 of 14

### **Project Title:**

Integrated Clean Air Compliance Plan (CAIR)

Project No. 7

### **Project Description:**

Clean Air Interstate Rule (CAIR), 40 CFR 24, 262, imposes significant new restrictions on emissions of sulfur dioxide ("SO2") and nitrogen oxides ("NOx") from power plants in 28 eastern states, including Florida and the District of Columbia. The CAIR rule apportions region-wide SO2 and NOx emission reduction requirements to the individual states, and further requires each affected state to revise its State Implementation Plans ("SIP") by September 2006 to include measures necessary to achieve its emission reduction budget within the prescribed deadlines.

### **Project Accomplishments:**

Progress Energy achieved several significant project milestones in 2009. In June 2009, we placed the Crystal River Unit 5 low NOx burners ("LNB") and selective catalytic ("SCR") system into service and in July 2009 we placed the urea to ammonia hydrolyser into service. Additionally, in December 2009, we expect to place the Unit 5 Flue Gas Desulfurization ("FGD" or "scrubber") system and chimney into service.

### **Project Fiscal Expenditures:**

January 2009 - December 2009: PEF's expenditures for the Crystal River Projects in 2009 will be approximately \$215.8 million, which is in line with the original projection expenditures of \$215.9 million.

### **Project Progress Summary:**

PEF will continue to regularly track project expenditures against the detailed project scopes to ensure that PEF receives what it contracted for and that any scope changes are properly evaluated and documented. We also will continue to conduct regularly scheduled meetings with the primary contractors and senior management to maintain supervision of the project, to ensure that management remains fully informed, and to ensure that management expectations are communicated to the outside vendors and the project team.

### **Project Projections:**

Estimated project expenditures for the period January 2010 through December 2010 are expected to be approximately \$58.1 million relating to the SCR and FGD systems at both Crystal River Units 4 and 5.

Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 27 of 39

> Form 42-5P Page 8 of 14

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

**Arsenic Groundwater Standard** 

Project Title: Project No. 8

### **Project Description:**

On January 22, 2001, the U.S. Environmental Protection Agency (USEPA) adopted a new maximum contaminant level (MCL) for arsenic in drinking water, replacing the previous standard of 0.050 mg/L with a new MCL of 0.010 mg/L (10ppb). Effective January 1, 2005, FDEP established the USEPA MCL as Florida's drinking water standard. See Rule 62-550, F.A.C. The new standard has implications for land application and water reuse projects in Florida because the drinking water standard has been established as the groundwater standard by Rule 62-520.420(1), F.A.C. Lowering the arsenic standard will require new analytical methods for sampling groundwater at numerous PEF sites.

### **Project Accomplishments:**

Sampling of existing monitoring wells continues as required by the reissued Industrial Wastewater Permit. Discussions are continuing with FDEP relative to an acceptable strategic plan.

### Project Fiscal Expenditures:

January 2009 - December 2009: O&M costs are expected to be \$77,669 lower than originally forecasted as work continues with FDEP to establish an arsenic compliance plan and schedule.

### Project Progress Summary:

PEF will continually evaluate analytical results and maintain ongoing communication with FDEP regarding compliance strategies.

### **Project Projections:**

Progress Energy continues to work with the Florida Department of Environmental Protection to comply with the terms of the renewed industrial wastewater permit for the Crystal River Energy Complex (January 9, 2007) and the modified Conditions of Certification (November 29, 2007; and June 5, 2009). Given this level of uncertainly regarding this program, PEF is not projecting any costs specific to the Arsenic program in 2010.

Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 28 of 39

> Form 42-5P Page 9 of 14

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

Sea Turtle - Coastal Street Lighting

Project Title: Project No. 9

### **Project Description:**

PEF owns and leases high pressure sodium streetlights throughout its service territory, including areas along the Florida coast. Pursuant to Section 161.163, Florida Statutes, the Florida Department of Environmental Protection (FDEP), in collaboration with the Florida Fish and Wildlife Conservation Commission (FFWCC) and the U.S. Fish & Wildlife Service (USFWS), has developed a model Sea Turtle lighting ordinance. The model ordinance is used by the local governments to develop and implement local ordinances within their jurisdiction. To date, Sea Turtle lighting ordinances have been adopted in Franklin County, Gulf County and the City of Mexico Beach in Bay County, all of which are within PEF's service territory. Since 2004, officials from the various local governments, as well as FDEP, FFWC, and USFWS, have advised PEF that lighting it owns and leases is affecting turtle nesting areas that fall within the scope of these ordinances. As a result, the local governments are requiring PEF to take additional measures to satisfy new criteria being applied to ensure compliance with the ordinances.

### **Project Accomplishments:**

PEF has worked with Franklin County to determine the most cost-effective compliance measures for affected lighting on St. George Island. Compliance measures that have been performed include retrofitting existing streetlights, monitoring them for effectiveness, and making modifications to the retrofitted lights where applicable. Project studies are ongoing with University of Florida and are expected to continue through 2010.

### **Project Fiscal Expenditures:**

January 1, 2009 to December 31, 2009: Project revenue requirements are estimated to be slightly lower than the original 2009 projection of \$7202.

### **Project Progress Summary:**

PEF is on schedule with the activities identified for this program.

### **Project Projections:**

Estimated project expenditures for the period January 2010 through December 2010 are expected to be \$1,800 in O&M costs and \$20,000 in capital expenditures to ensure ongoing compliance with sea turtle ordinances.

Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 29 of 39

> Form 42-5P Page 10 of 14

### PROGRESS ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

Project Title: Underground Storage Tanks Project No. 10

### Project Description:

FDEP rules require that underground pollutant storage tanks and small diameter piping be upgraded with secondary containment by December 31, 2009. See Rule 62-761,510(5), F.A.C. PEF has identified four tanks that must comply with this rule: two at the Crystal River power plant and two at the Bartow power plant. The necessary work was performed in 2006.

**Project Accomplishments:** 

Work on Crystal River and Bartow USTs was completed in the fourth quarter 2006.

Project Fiscal Expenditures:

\$0 was projected to be spent in 2009.

**Project Projections:** 

No project capital expenditures are anticipated for the period January 2010 through December 2010.

Progress Energy Florida Witness: T.G. Foster Exhibit No.__(TGF-3) Page 30 of 39

> Form 42-5P Page 11 of 14

### PROGRESS ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

Project Title: Modular Cooling Towers Project No. 11

### **Project Description:**

The project involves installation and operation of modular cooling towers in the summer months to minimize "de-rates" of PEF's Crystal River Units 1 and 2 necessary to comply with the NPDES permit limit for the temperature of cooling water discharged from the units.

**Project Accomplishments:** 

Vendors of modular cooling towers were evaluated regarding cost of installation and operation. The Florida Department of Environmental Protection reviewed the project and approved operation. A vendor was selected and the towers were installed during the second quarter of 2006.

**Project Fiscal Expenditures:** 

Project O&M costs of approximately \$3.3 million per year are expected, including unit mobilization and setup, rental fees, demobilization and fill replacement.

**Project Progress Summary:** 

Modular cooling towers began operation in June 2006 and have successfully minimized de-rates of Units 1 and 2.

### **Project Projections:**

Estimated project expenditures are expected to be approximately \$3.3 million for the period January 2010 thru December 2010.

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 31 of 39

> Form 42-5P Page 12 of 14

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC)

JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

**Crystal River Thermal Discharge Compliance Project** 

Project Title: Project No. 11.1

### **Project Description:**

This project will evaluate and implement the best long term solution to maintain compliance with the thermal discharge limit in FDEP industrial wastewater permit for Crystal River 1 & 2 that is currently being addressed in the short term by the Modular Cooling Towers approved in Docket # 060162- El for ECRC recovery.

### **Project Accomplishments:**

The Study phase of the project is complete. The recommendation is to replace the modular cooling towers in coordination with the cooling solution for the CR3 EPU discharge canal cooling solution. The new cooling tower associated with the CR3 EPU will be sized to mitigate both the increased temperatures from the EPU as well as serve to replace the modular cooling towers.

### **Project Fiscal Expenditures:**

January 1, 2009 to December 31, 2009: PEF is projecting capital expenditures to be \$2,440,619 lower for this project in 2009 than originally forecast. This variance is mainly attributable to the refinement of project costs reflecting design changes due to anticipated scope reductions and associated procurement requirements.

### Project Progress Summary:

The design contract for the CR3 EPU cooling tower has been awarded and a cooling tower supplier has been selected.

### **Project Projections:**

Estimated project expenditures are expected to be approximately \$34.6 million for the period January 2010 thru December 2010.

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 32 of 39

> Form 42-5P Page 13 of 14

### PROGRESS ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

Project Title: Project No. 12

### **Project Description:**

The Greenhouse Gas (GHG) Inventory and Reporting Program was created in response to Chapter 2008-277, Florida Laws, which established the Florida Climate Protection Act, to be codified at section 403.44, Florida Statutes. Among other things, this legislation authorizes FDEP to establish a cap and trade program to GHG emissions from electric utilities. Utilities subject to the program, including PEF, will be required to use The Climate Registry for purposes of GHG emission registration and reporting.

### Project Accomplishments:

During 2009, Progress Energy joined The Climate Registry and has submitted the 2008 GHG inventory.

**Greenhouse Gas Inventory and Reporting** 

### **Project Fiscal Expenditures:**

January 1, 2009 to December 31, 2009: O&M project expenditures are estimated to be \$42,680 less than originally projected. This variance is the result of preparing the inventory report with internal resources rather than external consultants during the first two quarters of the year. A third party consultant will be hired for verification of the report, as required by the Climate Registry, and those are the expenses now projected for 2009.

### **Project Progress Summary:**

The 2008 GHG inventory is currently verification ready and a kick-off meeting for verification was held in July 2009.

### **Project Projections:**

Estimated project expenditures are expected to be approximately \$22,500 for the period January 2010 thru December 2010.

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. __(TGF-3) Page 33 of 39

> Form 42-5P Page 14 of 14

### PROGRESS ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC) JANUARY 2010 - DECEMBER 2010 Description and Progress Report for Environmental Compliance Activities and Projects

### Project Title: Mercury Total Daily Maximum Loads Monitoring Project No. 13

**Project Description:** 

Section 303(d) of the federal Clean Water Act requires each state to identify state waters not meeting water quality standards and establish a TMDL for the pollutant or pollutants causing the failure to meet standards. Under a 1999 federal consent decree, TMDLs for over 100 Florida water bodies listed as impaired for mercury must be established by September 12, 2012. DEP has initiated a research program to provide the necessary information for setting the appropriate TMDLs for mercury. Among other things, the study will assess the relative contributions of mercury-emitting sources, such as coal-fired power plants, to mercury levels in surface waters.

### **Project Accomplishments:**

Atmospheric & Environmental Research, Inc (AER) has completed the literature review on mercury deposition in Florida, this document has been sent to the Division of Air Resource Management and the TMDL team for review. In addition, the Mercury Task Force has met with both the Division of Air Resource Management in the TMDL team to discuss the review. AER has initiated the Florida mercury deposition modeling for the Division of Air Resource Management, it is anticipating this work will be done by the end of 2009.

### Project Fiscal Expenditures:

January 1, 2009 to December 31, 2009: PEF expects that total O&M project expenditures for the year will be approximately \$92,164.

### **Project Progress Summary:**

The Florida Electric Coordinating Group (FCG) Mercury task force continues to meet with the state as the changes in the program evolve. In 2009 PEF contracted with private contractor to develop a conceptual model, and continue to that work into 2010.

### **Project Projections:**

Estimated project expenditures are expected to be approximately \$36,077 for the period January 2010 thru December 2010.

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Energy & Demand Allocation % by Rate Class JANUARY 2010 - DECEMBER 2010

		(t) ·	(2)	(3)	(4)	(5)	(6)	n	7(a)	(8) Class Max MW	(9)	(10)	(11)	(12)
Rate	Class	Average 12CP Load Factor st Meter (%)	Seles at Meter (mWh)	Avg 12 CP at Meter (MW) (29(8760hree(1))	NCP Class Max Load Factor	Delivery Efficiency Factor	Sales at Source (Generation) (mWh) (2)(5)	Avg 12 CP sl Source (MW) (3)(5)	Seles at Source (Distrib Svc Only) (mWh)	at Source Level (Distrib Svc) (7st(\$760hrs/4))	mWh Sales at Source Energy Allocator (%)	12CP Demand Transmission Allocator (%)	12CP & 1/13 AD Demand Allocator (%)	NCP Distribution Allocator (%)
Resk	fential													
кә-1,	R31-1, R3L-1, R3L-2, R33-1	0.404	18 203 703	A 200 RB	0 504	0 0394959	40 540 444	4 846 20	10 E/R-144	6 101 B	50 55494	49 7950	R1 7084	61 705%
	Secondary	U.484	10,303,702	4,449.00	0.301	0.8304300	19,040,141	4,010,14	19,040,141	0,100.0	00,00478	02.10070	01.100.0	QQ.19370
Gene	ral Service Non-Demand													
GS-1,	, GST-1								× +'	فر بر د د	12 12 22 2	مستشدد	a namar	n an det
	Secondary	0,695	1,120,052	183.97	0.423	0.9364356	1,196,080	196.46	1,196,080	322.8	3.094%	2.729%	2./0/%	3,332%
	Printary	0.695	7,294	1.20	0.423	0.9682000	7,534	1.24	7,534	2.0	0.019%	0.017%	0.017%	0.021%
	Transmission	0,695	3,574	0.59	0.423	0.9782000	3,654	0.60	0	0,0	3 12244	2 754%	2 783%	3 353%
Gene	ral Service										U.122 W			
GS-2	Secondary	1,000	86,214	9.84	1.000	0.9364356	92,066	10.51	92,066	10.5	0.238%	0.146%	0.153%	0.108%
<u>Gena</u> GSD-	nil Service Demand													
	Secondary	0.785	11,831,271	1,720,51	0.612	0.9364356	12.694,387	1,837.30	12,631,367	2,356.7	32.677%	25.519%	26.089%	24.324%
	Primary	0,785	2,253,073	327,64	0.612	0.9682000	2,327,074	338.40	2,327,074	434.1	6.019%	4.700%	4.802%	4.480%
	Transmission	0.785	0	0.00	0.612	0.9782000	0	0.00	Ó	0.0	0.000%	0.000%	0.000%	0.000%
SS-1	Primary	1,546	0	0.00	0.207	0.9882000	0	0.00	Q	0.0	0.000%	0.000%	0.000%	0.000%
	Transm Del/ Transm Mir	1,548	16,205	1.20	0.207	0.9782000	16,566	1.22	0	0.0	0.043%	0.017%	0.019%	0.000%
	Transm Del/ Primary Mir	1.546	4,338	0.32	0.207	0.9682000	4,480	0.33	0	0.0	0.012%	0.005%	0.005%	0.000%
	•										38.750%	30.240%	30.895%	28.804%
Curta CS-1,	ileble CST-1, CS-2, CST-2, SS-3											4	م معالم من ا	
	Secondary	0.935	0	0.00	0.592	0.9364356	0	0.00	0	0.0	0,000%	0.000%	0.000%	0.000%
	Primary	0.935	168,726	20.60	0.592	0.9682000	174,268	21.28	174,268	33.6	0,451%	0.298%	0.307%	0.347%
<b>\$5-</b> 3	Primary	0,451	9,545	2.42	0.047	0.9682000	9,859	2.50	9,859	23.9	0.025%	0.035%	0.034%	0.247%
											0.475%	0,330%	0.341%	0.594%
Interr														
15-1,1	S1-1, IS-2, IS 1-2	0 695	09.449	11.42	A 788	0.0004356	105 128	12 21	105 128	15 8	0.272%	0.170%	0.177%	0.161%
	Secondery	0.863	4 186	0.51	0.700	0.0000000	A 500	0.52	4 509	0.0	0.012%	0.007%	0.008%	0.007%
	Sec Deverminary and	0.000	1 706 862	162 22	0.769	0.0002000	1 442 944	167.56	1 442 844	214.5	3,732%	2.327%	2.435%	2.214%
	Chiman Dat Constant Mir	0.003	18 075	1 57	0.786	0.0002000	17 951	2 02	17 353	2.6	0.045%	0.028%	0.029%	0.027%
	Transm Dell Transm Mit	0.000	287 555	20.01	0 768	0.0782000	283 295	30.58	0	0.0	0.681%	0:425%	0.444%	0.000%
	Transmit Dev Hanser Mir	0.000	275 801	32 03	0.768	0.9882000	284 860	33 08	ŏ	0.0	0.737%	0.459%	0.481%	0.000%
60.4		0.929	1,0,001	(100	0.447	0.9682000	0	0.00	D	0.0	0.000%	0.000%	0.000%	0.000%
22~4	Transati Dali Transm Mir	0.020	81.348	10.00	71.447	0.0782000	83.181	10.22	ő	0.0	0.215%	0.142%	0.148%	0.000%
	Transm Del/ Primary Mir	0.929	67,633	8.31	0.447	0.9682000	69,854	8.58	õ	0.0	0.181%	0.119%	0.124%	0.000%
				,			• •				5.874%	3.677%	3.846%	2.408%
Light	ng				0.475	0.0004050	204 645	ti 47	901 +47	on 8	O OPent	0.11794	ñ 18482	0.937%
LS-1 (	(Secondary)	5,151	356,890	7.91	0.4/9	0.9384358	301,115	8,40	38 (,175	90.8	0.00010	0.1112	0.104.20	4.041 B
			36,359,970	6,762.26			38,664,208	7,199.84	37,938,339	9,686.6	100.000%	100.000%	100.000%	100.000%

(1) (2) (3) (4) (5) (6)

Notes:

- Average 12GP load factor based on load research study filed July 31, 2009. Projected kWh sales for the period January 2009 to December 2009
- Calculated: Column 2 / (8,760 hours a Column 1) NCP load factor based on load research study filed July 37, 2009 Based on system average line loss analysis for 2008 Column 2 / Column 5

- Column 3 / Column 5 (7) (7a) (8) (9) (10) (11) (12)
  - Column 6 excluding transmission service Calculated: Column 7a / (8,760 hours/ Column 4)

  - Column & Total Column 8
- Column 7/ Total Column 7
- Column 9 x 1/13 + Column 10 x 12/13 Column 8/ Total Column 8

Docket No. 090007-EJ Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 34 of 39

### Calculation of the Energy & Demand Allocation % by Rate Class JANUARY 2010 - DECEMBER 2010 (11) (12) (1) (2) (3) (4) (5) (6) (7) 7(a) (8) (9) (10)Class Max MW Average 12CP Avg 12 CP NCP Sales at Source Avo 12 CP at Source mWh Sales 12CP Demand 12CP & 50% AD NCP Demand Distribution Load Factor Sales at Meter **Class Max** Delivery (Generation) at Source Sales at Source Level at Source Transmission Emergy Allocator at Meter al Meter (MW) Efficiency (mWh) (MW) (Distrib Svc Only) (Distrib Svc) Allocator Allocator Allocator Load Rate Class (%) (mWh) (2)(8760mm(1)) Factor Factor (2)(5) (3)(5) (mWh) (7a)(8760hu4(4)). (%) (%) (%) (%). Residential RS-1, RST-1, RSL-1, RSL-2, RSS-1 0.494 18.303.702 50,554% 62,735% 56.644% 63.795% Secondary 4,229,68 0.361 0.9364356 19.546.141 4.516:79 19.546.141 6.160.9 **General Service Non-Demand** GS-1, GST-1 2.729% 2.911% 3.332% 1.120.052 183.97 198.48 322.8 3.094% 0.895 0.423 0.9364356 1,198,060 1,196,080 Secondary 7,534 0.019% 0.017% 0.018% 0.021% 0.695 7,294 1.20 0.423 0.9662000 7.534 1.24 2.0 Primary 0.009% 0.000% 3.574 0.59 0.9782000 0.0 0.009% 0.008% Transmission 0.695 0.423 3.854 0.60 2.754% 2.938% 3,353% 3.122% **General Service** 0.146% 0.192% 0.108% 1,000 86.214 6 RA 1.000 0.9364358 92,066 10.51 92,066 10.5 0.238% **GS-2** Secondary **General Service Demand** GSD-1, GSDT-1 11,831,271 0.612 0.9364358 1.837.30 12,634,367 2.356.7 32.877% 25.519% 29.098% 24.324% Secondary 0.785 1,720.51 12.634.387 0.785 2 253 073 327.64 0.9682000 2.327.074 338.40 2.327 074 434.1 6.019% 4.700% 5.359% 4,480% 0.612 Primery 0.00 0.0 0.000% 0.000% 0.000% 0.000% 0.785 0.00 0.812 0.9782000 Transmission Ű Ð 0 0.000% 0.000% 0.000% 0.00 0.0 0.000% 1.548 0.00 0.207 0.9682000 ñ C SS-1 Primary Ð 0.030% 0.000% 0.0 0.043% 0.017% Transm Del/ Transm Mir 1.546 16,205 1.20 0.207 0.9792000 16,566 1.22 Ö 0.008% 0.000% 0.012% 0.005% 1.546 0.32 0.9682000 0:33 Ď 0.0 Transm Dei/ Primary Mtr 4,338 0.207 4,480 38.750% 30.240% 34,495% 28.804% Curtaliable CS-1, CST-1, CS-2, CST-2, SS-3 0.000% 0.000% 0.000% 0.000% 0.0 Secondary 0.935 Ö 0.00 0.592 0.9364358 0 0.00 Ū. 0.296% 0.373% 0.347% 0.592 0.9682000 174,268 174,268 33.6 0.451% Primary 0.935 186,728 20.60 21.28 0.025% 0.035% 0.030% 0.247% 0.451 9,545 2.42 0.047 0.9682000 9,659 2.50 9,859 23.9 58-3 Primary 0.403% 0.330% 0.476% 0.594% Interruptible IS-1, IST-1, IS-2, IST-2

12.21 105,128 15.6 0.272% 0,963 98,448 11.43 0.768 0.9364356 105,128 4,366 0.9682000 0.52 4.509 0.7 0.012% 0.983 0.768 4,509 Sec Del/Primary Mir 0.51 167.56 1,442,844 214.5 3.732% 0.983 1.396.962 162.23 0.768 0.9682000 1.442.844 Primary Del / Primary Mir 0.045% 0.983 0.9782000 17,353 2.02 17,353 2.6 Primary Del / Transm Mir 16.975 1.97 0.768 0.681% 0:0 Trarism Del/ Transm Mtr 0.983 257,555 29.91 0.768 0.9782000 263,295 30.58 Ó. 0.737% 33.08 0.0 D.983 275,801 32:03 n 788 0.9682000 284,880 O, Transm Del/ Primary Mir 0.0 0.000% 0.928 0.00 0.447 0.9682000 0.00 Ô Ø ñ 0.0 0.215% 0.447 0.9782000 83,161 10.22 Ũ Transm Del/ Transm Mit 0.929 81.348 10.00 0.0 0.181% 0.929 67,633 8.31 0.447 0.9682000 69,854 8.58 0 Transm Del/ Primary Mir 5.874% 90.8 0.986% 5.151 356,890 7.91 0.479 0.9364358 381.115 8.45 381.115 9.689.6 100.000% 36,359,970 6,762.26 38,664,208 7,199.84 37.938.339

Notes:

Secondary

SS-2 Primary

LS-1 (Secondary)

Lighting

- Average 12CP load factor based on load research study filed July 31, 2009 (1)
- Projected kWh sales for the period January 2009 to December 2009 (2)
- (3) Calculated; Column 2 / (8,780 hours x Column 1)
- NCP load factor based on load research study filed July 31, 2009 (4) Based on system average line loss analysis for 2008
- (5) Column 2 / Column 5 (6)

- $\overline{(7)}$ Column 3 / Column 5
- (7a) Column 8 excluding transmission service (8)
  - Calculated: Column 7a / (8.760 hours/ Column 4)
- (0) Column 6/ Total Column 6 Column 7/ Total Column 7
- (10) (11) Column 9 x 50% + Column 10 x 50%
- (12) Column 8/ Total Column 8

Progress Energy I Witness: T.G. Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster W ..... Exhibit No.____ Page ? 5 (TGF 35 of 3 ωġ

Form 42-6P

0.170%

0.007%

2.327%

0.028%

0.425%

0.459%

0.000%

0)142%

0.119%

3.677%

0.117%

100.000%

0.221%

0.009%

3.029%

0.038%

0.553%

0.598%

0.000%

0.179%

0.150%

4.778%

0,552%

100.000%

0.161%

0.007%

2.214%

0.027%

0.000%

0.000%

0.000%

0.000%

0.000%

2.408%

0.937%

100.000%

**PROGRESS ENERGY FLORIDA** Environmental Cost Recovery Clause (ECRC)

PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Calculation of the Energy & Demand Allocation % by Rate Class JANUARY 2010 - DECEMBER 2010

		(1)	(2)	(3)	<del>(4</del> )	(5)	(6)	(7)	7(a)	(8)	(9)	(10)	(11)	(12)
Rate	Class	Average 12CP Load Factor at Meter (%)	Sales at Meter (mWh)	Avg 12 CP at Meter (MW) (2)(8760hrea(1))	NCP Class Max Load Factor	Delivery Efficiency Factor	Sales at Source (Generation) (mWh) (29(5)	Avg 12 CP at Source (MW) (3)(5)	Sales at Source (Distrib Svc Only) (mWh)	Class Max MW al Source Level (Distrib Svc) (7a)(8760bs(4))	mWh Sales at Source Energy Allocator (%)	12CP Demand Transmission Allocator (%)	12CP & 25% AD Demand Allocator (%)	NCP Distribution Allocator (%)
Rest	dential													
RS-1	. RST-1. RSL-1. RSL-2. RSS-1													
	Secondary	0.494	18,303,702	4,229.68	0.361	0.9364356	19,546,141	4,518.79	19,548,141	6,180.9	50.554%	62.735%	59.689%	63,795%
Gene	ral Service Non-Demand													
GS-1	GST-1													
	Secondary	0.895	1.120.052	183.97	0.423	0 9364356	1 196 080	198.4B	1 198 080	327 R	3 004%	2 729%	2 820%	4 332%
	Primery	0.695	7.294	1 20	0.423	0.9682000	7-534	1 24	7 534	20	0.004/4	0.017%	0.018%	0.021%
	Transmission	0.695	3 574	0.59	0.423	0.0782000	2.854	0.80	n,904	ักก	0.01014	0.00894	0,000,0	0.02176
			0,014	0.00	0.420	4.4404040	0,004	0.00	v	0.0	3,122%	2,754%	2.846%	3.353%
Gene	ral Service Secondary	1.000	- RR-214	0.84	4.000	0 0564350	82 084	10 61	02.000	10.6	n poost	O LÃON	5 4 20W	n 4000
00-2	a contracts y	1,000	0012019	0.04	1.000	0.0004000	82,000	10.01	8\$,000	10.5	0.23076	0.14039	2.104.40	0.100.79
Gene	raf Service Demand													
GSD	1, GSDT-1								e e la tra			under an en en en en en en en en en en en en en		
	Secondary	0.785	11,831,271	1,720.51	0.612	0.9364356	12,634,367	1,037.30	12,634,367	2,356.7	32.677%	25.519%	27.308%	24.324%
	Primary	0.785	2,253,073	327.64	0.612	0.9682000	2,327,074	338.40	2,327,074	434.1	6.019%	4.700%	5.030%	4,480%
	Transmission	0.785	0	0.00	0.612	0,9782000	0	0.00	Q	0.0	0.000%	0.000%	0.000%	0.000%
<b>55-1</b>	Primary	1,546	0	0.00	0.207	0.9682000	0	0.00	0	0.0	0.000%	0.000%	0.000%	0.000%
	Transm Del/ Transm Mtr	1.546	16,205	1.20	0.207	0.9782000	18,566	1.22	Ó	0.0	0.043%	0.017%	0.023%	0.000%
	Transm Del/ Primary Mir	1,546	4,338	0.32	0.207	0.9682000	4,480	0.33	0	0.0	0,012%	0.005%	0.008%	0.000%
<b>.</b>											38,750%	30.240%	32.368%	28.804%
Curta														
G2-1,	C31-1, C3-2, C31-2, S3-3	0.028		0.00	a =64	******	<b>Å</b>	<b>B</b> .00	<b>A</b>		0.0000	6 0000r	0.0000	à cácu
	Secondary	V.930	10	0.00	0.592	0.9364356	0	0,00	<b>0</b>	0.0	0.000%	0.000%	0.000%	0.000%
~~ ~	Printary	0.835	100,720	20.60	0.592	0.9082000	174,258	21.28	174,268	33.8	0,451%	0.296%	0.334%	0.347%
58-3	Pamary	0.451	8,545	2.42	0.047	0.9682000	8,829	2.50	9,859	23.9	0.025%	0.035%	0.032%	0,247%
											0.4/6%	U.330%	0.387%	0,394%
Interr														
12-11	01+1, (0+2, (0+4	0.050	nà ian		0 704	0.000.000	457.405	10.00	408 400		A 6960/	5 470M	01050	0.40476
	Secondary Con Dalify	0.963	4 260	11,94	0,700	0.9304330	105,128	12.21	100,328	10,5	0.272%	0,17079	0.14076	0.101 %
	Sec Deventinery Mu	0.000	4,300	0.01	0,(05	0.9052000	4,009	6.52	4,008	U.1	0.01276	0.00776	0.00070	0.007%
	Printery Del / Printery Mir	0.203	1,340,802	102.23	0.705	0.9052000	1,442,544	107.00	1,442,844	214.5	3.13276	2.34175	4.0/076	2.214.76
	Primary Del / Fransmi Mu	U.900 0.000	19,810	1.87	0.100	0.9752000	EE,302	2.02	17,353	2.0	0,04376	0.020%	0.03270	0.02176
		0.863	201,000	20.01	0.706	0.8784000	203,293	30.36	U O	0.0	0,00176	0.400%	0,408%	0.000%
** *	Transm Dek Primary Mit	0,983	2/0,801	32.03	0.766.	0,8952000	284,800	33,08	U.	0.0	0.73776	0.40874	0.023%	0.000%
85-2	Primary	. 0.929	0	0.00	0,447	0.0082000	Ų	0.00	0	0.0	0,000%	0.000%	0.000%	0.000%
	Transm Dev Transm Mur	0.929	81,346	10.00	0.447	0.0782000	83,161	10.22	0.	0.0	0.215%	0.142%	0.100%	0.000%
	Iransm Dev Primary Mir	0.829	67,633	8.31	<u>U.447</u>	0.9682000	69,854	8.98	U	0.0	5.974%	0.119% 3.877%	4 226%	2 408%
Light	ing													
LS-1	(Secondary)	5.151	356,890	7.91	0.479	0.9364356	381,115	8.45	381,115	90,8	0.986%	0.117%	0.334%	0.937%
		<u></u>	36,359,970	6,762.26			38,664.208	7,199.84	37,938.339	9.688.6	100.000%	100.000%	100.000%	100.000%

Average 12CP load factor based on load research study filed July 31, 2009

- Projected kWh sales for the period January 2009 to December 2009
- Calculated: Column 27 (8,769 hours x Column 1)
- NCP load factor based on load research study filed July 31, 2009
- Based on system average line loss analysis for 2008
- () (2) (3) (4) (5) (6) Column 2 / Column 5

(1)

Notes:

- (7) (7a) (8) (9) (10) (11) Column 3 / Column 5
  - Column 8 excluding transmission service Calculated: Column 7a / (8,760 hours/ Column 4)
- Column 6/ Total Column 6
- Column 7/ Total Column 7
- Column 9 x 25% + Column 10 x 25%
- Column 8/ Total Column 8 (12)

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-3) Page 36 of 39 &

Form 42-6P

	(1) mWh Sales at Source Energy Allocato	(2) 12CP Transmission Allocator	(3) 12CP & 50% AD Demand Allocator	(4) NCP Distribution Allocator	(5) Energy- Related Costs	(8) Transmission Demarid Costs	(7) Distribution Demand Costs	(8) Próduciloñ Demand Costs	(9) Total Environmental Costs	(10) Projected Effective Sales at Mater Level	(11) Environmental Cost Recovery Factors
Rate Class	(%)	(%)	(%)	(%)	(5)	(3)	(\$)	(5)	[5]	(IIIAAU)	(centerkaau)
<u>Residential</u> RS-1, RST-1, RSL-1, RSL-2, RSB-1 Secondary	50,554%	62.735%	56.644%	63,795%	\$110,820,902	\$210,111	\$5,609,708	\$3,206,729	\$119,848,450	16,303,702	0,656
General Service Non-Damand GS-1, G87-1 Secondary Primary Transmission										1,120,052 7,221 3,503	8.647 0.641 0.634
TOTAL OS	3.1229	2.754%	2.938%	3.353%	\$6,844,853	\$9,224	\$294,804	\$166,201	\$7,315,172	1,130,776	
General Service GS-2 Secondary	0.2389	0.148%	0.192%	0.108%	\$521,988	\$489	\$9,539	\$10,869	\$542,884	88,214	0,630
General Service Demand GSD-1, GSDT-1, SS-1 Secondary Primary Transmission										11,831,271 2,234,837 15,881	0.630 0.630 0.623
TOTAL GSD	38.750%	30.240%	34.495%	28.804%	\$84,946,323	\$101,281	\$2,532,844	\$1,952,236	\$89,532,684	14,081,989	
Curtaliable CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, Secondary Primary	<del>55.3</del>									176,488	0.635 0.629
Transmission	0 478%	0 5304	6.403%	7 504%	\$1 (143 942	31.108	\$52 231	\$22,819	\$1,120,097	176,488	0.622
IUTAL Ca	4.4707	0.00070	0.40078	V, 304 /4	41,040,042	¥1,100					
International IS-1, IST-1, IS-2, IST-2, \$5-2 Secondary Primary Transmission Transmission	5 87.4%	3 677%	4 778%	2 404%	\$12 875 936	\$12 316	\$211.777	\$270,266	\$13,370,296	98,446 1,727,314 348,760 2,174,621	0.613 0.609 0.603
IVIAL IS		4.031.04									
Sub-Total Curtaliable/internatiable 18-1, 157-1, 15-2, 157-2, 35-2 CS-1, CS1-1, CS-2, CST-2, CS-3, Secondary Primary Transmission Total 15	E CST-3, SS-3 6 350%	4.008%	5 179%	3.002%	\$13,919,877	\$13,422	\$284,008	\$293,085	\$14,490,392	96,446 1,903,803 348,760 2,361,009	0.616 0.610 0.604
IV TRE ID										······	•
Lighting 1.3-1 Secondary	0.986%	0,117%	0.552%	0.937%	\$2,160,813	\$393	\$82,434	\$31,212	\$2,274,852	356,890	0,637
	100,000%	100.000%	100.000%	100,000%	\$219,214,756	\$334,920	\$8,793,336	\$5,859,422	\$234,002,435	36,310,579	0.644
Notes: (1) (2) (3) (4) (6) (6) (7) (8) (9) (10) (10) (11)	From Form 42-6P 50%, Cr From Form 42-6P 50%, Cr From Form 42-6P 50%, Cr Column 1 x Total Energy J Column 1 x Total Energy J Column 2 x Total Treferens Column 5 x Total Productk Column 5 x Total Productk Column 5 x Total Productk Column 5 x Column 6 x 100 Column 7/ Column 8 x 100	Numn 9 Numn 10 Numn 11 Numn 12 Unscictional Dolla sion Demand Jurisi In Demand Jurisi In Demand Jurisi Duma 7 + Colum active voltage leve	ris from Form 42-1P. Isdictional Dollars from Sictional Dollars from I Sictional Dollars from I n 8 al for the period Janu	iftie 5 in Form 42-1P, in Form 42-1P, in Form 42-1P, inc ary 2009 to Dec	line 5 9 5 9 5 amber 2009						

### PROGRESS ENERGY FLORIDA Environmental Cost Recovery Cleuse (ECRC) Calculation of Environmental Cost Recovery Cleuse Rate Factors by Rate Class JANUARY 2010 - DECEMBER 2010

Form 42-7P

•

.

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No.___(TGF-3) Page 37 of 39

		Calculation of E	PROGRESS Environmental Cost Invironmental Cost Re JANUARY 201	ENERGY FLOP Recovery Clause covery Clause 0 - DECEMBER	HDA se (ECRC) Rate Factors by 1 2010	Rate Class					Form 42-7P
Ratio Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP Transmission Allocator (%)	(3) 12CP & 25% AD Demand Allocator (%)	(4) NCP Olisinbution Allocator (%)	(5) Energy- Related Costs (\$)	(6) Transmission Demand Costa (\$)	(7) Distribution Demand Coste (\$)	(8) Production Demand Costs (\$)	(9) Total Environmental Costs (\$)	(10) Projecied Effective Sales et Motor Lovei (mV/h)	(11) Environmental Cost Repovery Factors (cents/kWh)
Residential RS-1, R91-1, R91-1, R91-2, R59-1 Secondary	50.554%	62.735%	59,689%	63.79 <del>5%</del>	\$110,820,902	\$210,111	\$5,609,708	\$3,378.073	\$120,018,794	18,303,702	0.658
<u>Ganeral Service Non-Demand</u> G9-1, GST-1 Secondary Primary Transmission TOTAL GS	3.122%	2.754%	2.848%	3.353%	\$6,844,853	\$9,224	\$294,804	\$161.081	\$7,309,962	1,120,082 7,221 3,503 1,130,776	0.646 0.640 0.633
General Service GS-2 Secondary	0.238%	0.146%	0.169%	0.108%	\$521,988	\$489	\$9,539	\$9,565	\$541,580	86,214	0.629
General Service Demand GSD-1, GSD7-1, SS-1 Secondary Primery Transmission Transmission	30 YEAK	20.2408	77 1600	79 87 454	604 D40 272	E401 384	80 820 B44	e+ 021 027	680 417 381	11,831,271 2,234,837 15,881	0.635 0.629 0.822
Gurtallable CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, S Secondary Primary Transmission	<u> </u>			10.00478	\$07,070,020	<b>4 10</b> 1,201	¥2,002,044	*100 11014	444(732)201	176,438	0,633 0,627 0,620
TOTAL CS	0.476%	0.330%	0.367%	0.594%	\$1,043,942	\$1,108	\$52,231	\$20,753	\$1,118,031	176,488	•
<u>Interroptible</u> (S-1, IST-1, IS-2, IST-2, SS-2 Secondary Primary Transmission TOTAL IS	5,874%	3.677%	4.228%	2.408%	\$12,875,938	\$12,316	1211,777	\$239,192	\$13,339,221	98,448 1,727,314 348,760 2,174,821	0,613 6,607 8,601
<u>\$ub-Totel Curtellable/Infernuolibi</u> 18-1, 197-1, 19-2, 197-2, 85-2 C\$-1, C\$T-1, C3-2, C\$T-2, C\$-3, C Secondary Primery Transmission TOTAL IS	L ST-3, SS-3 6.350%	4.008%	4.593%	3.002%	\$13,919,677	\$13,422	\$284,008	\$259,944	\$14,457,252	98,446 1,903,603 348,760 2,351,009	0.615 0.609 0.603
<u>Liahting</u> LS-1 Secondery	0.986%	0.117%	0.334%	0.937%	\$2,160,813	\$393	\$82,434	\$18,920	\$2,262,565	356,890	0.834
	100.000%	100.000%	100,000%	100.000%	\$219,214,756	\$334,920	\$8,793,336	\$5,059,422	\$234,002,435	36,310,579	0.844
Notes: (1) (2) (3) (4) (5) (5) (7) (8) (9) (10) (11)	From Form 42-8P 25%, From Form 42-8P 25%, From Form 42-8P 25%, Column 1 x Total Energ Column 1 x Total Trains Column 3 x Total Trotal Column 3 x Total Produ Column 3 x Total Produ Column 5 + Column 6 x 1 Column 7 / Column 6 x 1	Column 9 Column 10 Column 11 Column 11 y Jurtsdictional D Intesion Demand Ju Column 7 + Col affective voltage Co	olians fronti Form 42-1 Juristicional Dollars inscitcional Dollars fin inscitcional Dollars fin inscitcional Dollars fro ann 8 level for the period Ja	P, line 5 from Form 42-1 m Form 42-1P, m Form 42-1P, muary 2009 to (	P, line 5 line 5 line 5 December 2009						

ι,

Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-3) Page 38 of 39

Rate Cla	59	(1) mWh Selea at Source Energy Allocator (%)	(2) 12CP Tratemission Allocator (%)	. (3) 12CP 8, 1/13th AD Demand Allocator (%)	(4) NCP Distribution Allocator (%)	(5) Eneigy- Related Costa (\$)	(6) Transmission Demand Costs (S)	(7) Distribution Demand Costa (\$)	(8) Production Demand Costa (\$)	(9) Total Environmental Costa (5)	(10) Projected Effective Sales at Meter Level (mWh)	(11) Environmental Cost Recovery Fectors (centerby)
Residen	fial	·····		<u></u>			<u> </u>		<u>{</u> \$}	[4]	- funning	feantainanth
RS-1, R	T-1, RSL-1, RSL-2, RSS-1 Secondary	50.554%	62.735%	61.798%	63.795%	\$110,820,902	\$210,111	\$5,609,708	\$3,497,389	\$120,138,109	18,303,702	9,656
General	Service Non-Demand											
92-1, 93	Sacondary										1,120,052	0.648
	Primary Transmission										7,221	0.640
	TOTAL GS	3.122%	2.754%	2.783%	3.353%	\$6,844,853	\$9,224	\$294,804	\$157,474	\$7,306,355	1,130,776	
General	Service											5.7.4
08-2	Secondary	0.236%	0.146%	0.153%	0.106%	\$521,988	\$489	\$9,539	\$8,662	\$540,678	86,214	0.827
General GSD-1, G	Service Demand ISDT-1, 55-1											
	Secondery Primary										11,831,271	0.634
	Transmission	4						<i>,</i>			2,234,637	0.621
	TUTAL GSD	38.750%	30.240%	30 895%	28.804%	\$84,946,323	\$101,281	\$2,532,844	\$1,748,477	\$89,328,925	14,081,989	•
Curtalist CS-1, CS	le 1-1. CS-2. CST-2. CS-1. CST-3. SS-3											
	Secondary											0.633
	Primary Transmission										176,488	0.627 0.620
	TOTAL CS	0.475%	0.330%	0.341%	0.594%	\$1,043,942	\$1,106	\$52,231	\$19,322	\$1,116,601	176,488	
Interrupt	bha 4 le n le n n n n n n n											
13+1, 13 f	1, 13-2, 131-2, 53-2 Secondary										98,446	0.612
	Primary Transmission										1,727,314	9,606
	TOTAL IS	5.874%	3.577%	3,346%	2.408%	\$12,875,936	\$12,316	\$211,777	\$217,678	\$13,317,707	2,174,621	0.800
	Sub-Total Curtallable/interruptible											
	i\$-1, i\$1-1, i\$-2, i\$1-2, \$\$-2 C5-1; C\$1-1, C\$-2, C\$1-2, C\$-3, C\$1	-3, 85-3										
	Secondary										98,446	0.014
	Transmission										1,903,803	0.608 0.602
	TOTALIS	8.350%	4.008%	4.188%	3.002%	\$13,919,877	\$13,422	\$254,008	\$237,001	\$14,434,308	2,351,009	
Ughling L3-1	Secondary	0.986%	0.117%	0.184%	0,937%	\$2,160,813	\$393	\$82,434	\$10,420	\$2,254,059	356,890	0.632
		100.000%	100.000%	100.000%	100.000%	\$219,214,756	\$334,920	\$8,793,336	\$5,659,422	\$234,002,435	36,310,579	D.844
Notes;	(1) From F (2) From F (3) From F (4) From F (5) Column (6) Column (7) Column (8) Column (9) Column (9) Column (10) Presided	orm 42-6P 12 & 1/13, orm  × Total Distribution 13 × Total Production 15 + Column 6 + Colu of KWh sates at effect	Column 9 Column 10 Column 11 Column 12 solicional Dollar on Demand Juriso Demand Juriso Demand Juriso Demand Juriso Demand Juriso	rs from Form 42-1P, i isdictional Dollars from fictional Dollars from I letional Dollars from F n 8 al for the partice, lanua	ine 5 h Form 42-1P, 1 Form 42-1P, Bin Form 42-1P, Iline ary 2009 to Dac	ine 5 8 5 8 5 ember 2019						
	(11) Colum	7/ Column 8 x 100			,							

Form 42-7P

PROGRESS ENERGY FLORIDA Environmental Cost Recovery Clause (ECRC) Colculation of Environmental Cost Recovery Clause Rate Factors by Rate Class JANUARY 2010 - DECEMBER 2010

> Docket No. 090007-EI Progress Energy Florida Witness: T.G. Foster Exhibit No. (TGF-3) Page 39 of 39

.