

REDACTED

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

**In re: Petition to Recover Costs
of Crystal River Unit 3 Uprate
pursuant to the Nuclear Cost
Recovery Rule**

DOCKET NO. 080009 -EJ

**Submitted for filing:
May 1, 2008**

**DIRECT TESTIMONY OF LORI CROSS
IN SUPPORT OF PROJECTED COSTS**

**ON BEHALF OF
PROGRESS ENERGY FLORIDA**

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**DOCUMENT NUMBER - DATE
03562 MAY-1 08
FPSC-COMMISSION CLERK**

**IN RE: PETITION TO RECOVER THE COSTS OF THE CRYSTAL
RIVER UNIT 3 UPRATE PURSUANT TO THE NUCLEAR COST
RECOVERY RULE**

BY PROGRESS ENERGY FLORIDA

FPSC DOCKET NO. 080009

**DIRECT TESTIMONY OF LORI CROSS
IN SUPPORT OF PROJECTED COSTS**

I. INTRODUCTION AND QUALIFICATIONS

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Q. Please state your name and business address.

A. My name is Lori Cross. My business address is 299 First Avenue North, St.
Petersburg, FL 33701.

Q. By whom are you employed and in what capacity?

A. I am employed by Progress Energy Service Company, LLC as Manager of
Regulatory Planning Florida.

Q. What are your responsibilities in that position?

A. I am responsible for regulatory planning, cost recovery and pricing functions
for Progress Energy Florida, Inc. ("PEF"). These responsibilities include: cost
of service analysis; regulatory financial reports; rate and tariff development
and administration; analysis of state, federal and local regulations and their
impact on PEF; planning, coordination and execution of general rate case
proceedings as necessary. In this capacity, I am also responsible for the Crystal
River Unit 3 (CR3) Uprate Cost Recovery Projection filing, made as part of

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1 this discovery docket, in accordance with Rule 25-6.0423, Florida
2 Administrative Code (F.A.C.).
3

4 **Q. Please describe your educational and occupational history and describe your**
5 **duties in the various positions you have held as an employee of Progress**
6 **Energy.**

7 A. I received a Bachelors of Science degree in Accounting from the University of
8 South Florida. I began my employment with PEF (previously Florida Power
9 Corporation) in 1983. During my 24 years with Florida Power Corporation and
10 now Progress Energy Service Co. LLC., I have held a number of financial and
11 accounting positions. In 2004, I became Manager, Regulatory Services for PEF.
12 I am also a Certified Public Accountant licensed to practice in Florida.
13

14 **Q. What is the purpose of your testimony?**

15 A. The purpose of my testimony is to present, for Commission review and approval,
16 Progress Energy Florida's projected costs associated with Crystal River Unit 3
17 (CR3) Uprate activities for the period January 2009 through December 2009.
18

19 **Q. Are you sponsoring any exhibits in support of your testimony?**

20 A. Yes. I am sponsoring sections of the following exhibit, which was prepared under
21 my supervision:

- 22 • Exhibit No. ____ (LC-1), consisting of Schedules P-1 through P-10, which
23 reflect PEF's retail revenue requirements for the Crystal River Unit 3 (CR3)
24 Uprate Filing from January 2009 through December 2009; however, I will

1 only be sponsoring Schedules P-1 through P-6A , P-9, and P-10. Daniel
2 Roderick will be sponsoring Schedules P-7 through P-8A. Schedules P-2,
3 P-5 and T-6A in Exhibit No. ___ (LC-1), are shown for informational
4 purposes only and show no activity as they are not applicable to the Crystal
5 River Unit 3 (CR3) Uprate Filing during the reporting period.

- 6 • Appendix A (included as part of Exhibit No. __ (LC-1)) – Revenue
7 Requirements for MUR project.
- 8 • Exhibit No. __ (LC-3), consisting of Schedules TOR-1 through TOR-7,
9 which reflect the total project estimated costs. I will only be sponsoring
10 Scheduled TOR-1 through TOR-6 and Daniel Roderick will be sponsoring
11 Schedule TOR-7.

12 These exhibits are true and accurate.

13
14 **Q. What are Schedules P-1 through P-10?**

- 15 **A.**
- 16 • Schedule P-1 reflects the projection of total retail revenue requirements for
17 the period.
 - 18 • Schedule P-2 reflects the calculation of the projected preconstruction costs
19 for the period.
 - 20 • Schedule P-3 reflects the calculation of the projected carrying costs on
21 construction expenditures for the period.
 - 22 • Schedule P-3A reflects a calculation of the projected deferred tax carrying
costs for the period.

- 1 • Schedule P-3B reflects the calculation of the projected construction period
- 2 interest for the period.
- 3 • Schedule P-4 reflects CCRC recoverable Operations and Maintenance
- 4 (O&M) expenditures for the period.
- 5 • Schedule P-5 reflects other recoverable O&M expenditures for the period.
- 6 • Schedule P-6 reflects projected monthly expenditures for preconstruction
- 7 and construction costs for the period.
- 8 • Schedule P-6A reflects descriptions of the major tasks.
- 9 • Schedule P-7 reflects a discussion of the technology selected for the Crystal
- 10 River Unit 3 (CR3) Uprate Project.
- 11 • Schedule P-8 reflects contracts executed in excess of \$1.0 million.
- 12 • Schedule P-8A reflects details pertaining to the contracts executed in excess
- 13 of \$1.0 million.
- 14 • Schedule P-9 reflects the feasibility of completing the plant.
- 15 • Schedule P-10 reflects the estimated rate impact.

17 **Q. What are Schedules TOR-1 through TOR-8?**

- 18 **A.** • Schedule TOR-1 reflects the actual to date and projected total retail revenue
- 19 requirement for the duration of the project. Information provided is the best
- 20 available at the time of filing.
- 21 • Schedule TOR-2 reflects a summary of the actual to date and projected
- 22 preconstruction costs for the duration of the project. Information provided
- 23 is the best available at the time of filing.

- 1 • Schedule TOR-3 reflects the calculation of the actual to date and projected
2 carrying costs on construction balances for the duration of the project.
3 Information provided is the best available at the time of filing.
- 4 • Schedule TOR-3A reflects a calculation of actual to date and projected
5 deferred tax carrying costs for the duration of the project. Information
6 provided is the best available at the time of filing.
- 7 • Schedule TOR-3B reflects the calculation of the actual to date and projected
8 construction period interest for the duration of the project. Information
9 provided is the best available at the time of filing.
- 10 • Schedule TOR-4 reflects CCRC recoverable actual to date and projected
11 Operations and Maintenance (O&M) expenditures for the duration of the
12 project. Information provided is the best available at the time of filing.
- 13 • Schedule TOR-5 reflects the actual to date and projected other recoverable
14 O&M expenditures for the duration of the project. Information provided is
15 the best available at the time of filing.
- 16 • Schedule TOR-6 reflects actual to date and projected monthly expenditures
17 for preconstruction and construction costs for the duration of the project.
- 18 • Schedule TOR-6A reflects descriptions of the major tasks.
- 19 • Schedule TOR-7 reflects initial project milestones in terms of costs, budget
20 levels, initiation dates, and completion dates.

21
22 **Q. What is the source of the data that you will present by way of testimony or**
23 **exhibits in this proceeding?**

1 **A.** The estimates are derived from Nuclear Projects & Construction Group (NPC).
2 NPC uses various rate schedules and contracts to project the cash flows in
3 accordance with our business practice.
4

5 **Q. What are the total projected revenue requirements for the CR3 uprate project
6 for the calendar year 2009?**

7 **A.** PEF is requesting approval of total projected revenue requirements of \$24.9
8 million for the calendar year ending December 2009 as reflected on Schedule P-1,
9 line 9. This amount includes the true-up amount for 2007 of \$0.9 million,
10 estimated revenue requirements for 2008 of \$7.5 million and projected revenue
11 requirements for 2009 of \$16.5 million.
12

13 **Q. What is included in the revenue requirements for 2009?**

14 **A.** The revenue requirements for 2009 of \$16.5 million reflected on line 6 of Schedule
15 P-1 includes \$14.6 million for carrying charges on the cumulative construction
16 balance, \$0.3 million in recoverable O&M expenses, \$0.3 million for the carrying
17 charges on the deferred tax asset, and \$1.2 for the revenue requirements for the
18 MUR phase of the project which went into service in January 2008. These amounts
19 were calculated in accordance with the provisions of Rule 25-6.0423.
20

21 **Q. Can you explain how the MUR phase of the project is being treated for cost
22 recovery purposes?**

23 **A.** As previously stated, the MUR phase of the project went into service in January
24 2008 and we have removed the MUR project from the balance on which we are

1 calculating a carrying charge on Schedule P-3, line 2. According to the provisions
2 of the Nuclear Cost Recovery rule, PEF may request a base rate increase for the
3 revenue requirements related to this phase of the project. However, due to the
4 relatively small dollars involved and for the purposes of administrative efficiency,
5 PEF proposes to recover the revenue requirements on these costs through the
6 Nuclear Cost Recovery Clause until the remaining phases of the project go in
7 service. The calculation for the revenue requirements for the MUR phase are
8 provided on Appendix A and are included in Other Adjustments, Schedule P-1, line
9 4.

10
11 **Q. What is included in the Total Return Requirements on Schedule P-3, Line 7?**

12 **A.** The \$14.6 million in Total Return Requirements on Schedule P-3 represents the
13 carrying costs on the average construction project balance. The adjustment on Line
14 3 represents the amortization of the prior period carrying charges that will be
15 collected through rates in 2009.

16
17 **Q. What is the carrying cost rate used in Schedule P-3?**

18 **A.** The carrying cost rate used on Schedule P-3 is based on PEF's approved after tax
19 rate of 8.848%. On a pre-tax basis, the rate is 13.13%. The rate was approved in
20 Docket 050078-EL Order PSC-05-0945-S-EL. This rate represents the approved
21 rate as of June 12, 2007, and is the appropriate rate to use consistent with Rule 25-
22 6.0423(5) (b) 1. The annual rate was adjusted to a monthly rate as required by the
23 AFUDC rule, FPSC Rule 25-6.0141, Item (3).

24

1 **Q. What does the adjustment on Line 3 of Schedule P-3 represent?**

2 **A.** Line 3 of Schedule P-3 represents the amortization of prior period carrying costs
3 embedded in the construction balance on which current period carrying costs are
4 being calculated. It is appropriate to amortize these all in 2009 as they are included
5 in the total revenue requirements for the period and will be collected through rates
6 in 2009.

7
8 **Q. Can you explain the calculation of the return requirements on the Deferred
9 Tax Asset on Schedule P3-A, line 8?**

10 **A.** We have included a return on the deferred tax asset that arises from differences
11 between the tax basis and book basis of the project. The difference between the tax
12 basis and book basis of the project is attributable to the difference between the
13 interest that will be capitalized for tax purposes and the interest that will be
14 capitalized for book purposes. We have included the carrying charge on the
15 average deferred tax balance in the revenue requirements on this schedule.

16
17 **Q. What is included in the Recoverable O&M Expenditures on Schedule AE-4?**

18 **A.** The expenses included on this schedule represent the operation and maintenance
19 costs that the Company expects to incur in 2009 related to the CR3 Construction
20 project that were not contemplated in base rates. These costs are primarily
21 comprised of Corporate support functions to the construction project. They are
22 primarily comprised of financial costs to support the accounting and cost recovery
23 processes, costs to support the data repository, corporate communications, and
24 human resources expenses to support additional staffing needs.

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Q. What are the projected capital costs that will be incurred for the period January 2009 through December 2009?

A. Total capital expenditures excluding carrying costs are projected to be \$107.1 million, as shown on Schedule P-6, line 45. This amount includes expenditures of \$21.6 million for Project Management and \$85.5 million for Power Block Engineering, Procurement as part of generation construction costs. These costs have been adjusted to a cash basis for purposes of calculating the carrying charges (line 47). These costs have also been adjusted to remove the joint owner portion (line 48) and the appropriate jurisdictional separation factor has been applied. More information on the types of costs included in these major tasks is provided on Schedule P-6A.

Q. What was the source of the separation factors used in Schedule P-6?

A. The jurisdictional separation factors are based on the factors that were established in PEF's last base rate proceeding, Order PSC-05-0945-S-EI.

Q. What is the estimated rate impact to the residential ratepayer expected to be in 2009?

A. As can be seen in Schedule P-10, based on 2008 billing determinants, the expected rate impact to the residential ratepayer is \$0.70 per 1000 KWhs.

V. TRUE UP TO ORIGINAL COST FILING FOR 2008

1 **Q. Has the Company filed schedules to provide information truing up the original**
2 **estimates to the actual costs incurred?**

3 A. Yes, these schedules are reflected in my Exhibit No. __ (LC-3), Schedules TOR-1
4 through TOR-7..

5
6 **Q. What do the TOR schedules reflect?**

7 A. The TOR schedules reflect the total estimated costs of the CR3 Uprate project until
8 the project is placed into service. Further details on the total project estimates are
9 provided in Daniel Roderick's testimony. Schedule TOR-1 includes the total
10 revenue requirements throughout the completion of the project. Total revenue
11 requirements of \$50.5 million on Schedule TOR-1, Line 6, is primarily comprised
12 of the carrying charges on the construction balance. This includes actual
13 expenditures incurred through March 2008 and projections through 2012.

14
15 **Q. Does this conclude your testimony?**

16 A. Yes, it does.
17

SCHEDULE APPENDIX

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EXHIBIT (LC-1)

**PROGRESS ENERGY FLORIDA, INC.
Crystal River Unit 3 Uprate
COMMISSION SCHEDULES (P-1 Through P-10)**

JANUARY 2009 - DECEMBER 2009

Projections

DOCKET NO. 080009-EI

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FPSC-COMMISSION CLERK

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Retail Revenue Requirements Summary**

[Section (5)(c)1.c.]

Schedule P-1

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of the projected total retail revenue requirement for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.		(A)	(B)	(C)	(D)	(E)	(F)	(G)
		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	6 Month Total
Jurisdictional Dollars								
1.	Preconstruction Revenue Requirements (Schedule P-2, line 7)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.	Construction Carrying Cost Revenue Requirements (Schedule P-3, line 7)	864,996	938,632	989,287	1,033,323	1,086,172	1,148,577	6,060,987
3.	Recoverable O&M Revenue Requirements (Schedule P-4, line 24)	20,469	24,264	25,816	24,435	31,348	24,804	151,136
4.	Deferred Tax Asset Carrying Cost (Schedule P-3A, line 8)	12,373	14,736	17,198	19,774	22,477	25,317	111,875
5.	Other Adjustments [Note 1]	103,240	103,158	103,075	102,993	102,911	102,828	618,205
6.	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$ 1,001,078</u>	<u>\$ 1,080,789</u>	<u>\$ 1,135,377</u>	<u>\$ 1,180,525</u>	<u>\$ 1,242,908</u>	<u>\$ 1,301,526</u>	<u>\$ 6,942,203</u>
7.	Total Prior Period January- December 2007 Revenue Requirements	8,128	18,864	21,386	25,017	32,663	40,824	146,882
8.	Total Prior Period January- December 2008 Revenue Requirements	387,412	449,355	476,960	505,800	541,802	564,574	2,925,901
9.	Total Revenue Requirements as of December 2009	<u>\$ 1,396,618</u>	<u>\$ 1,549,009</u>	<u>\$ 1,633,722</u>	<u>\$ 1,711,342</u>	<u>\$ 1,817,372</u>	<u>\$ 1,906,923</u>	<u>\$ 10,014,986</u>

Note 1: The amount in this row represents the revenue requirements associated with the MUR as discussed further in the attached testimony and presented in Appendix A.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Retail Revenue Requirements Summary**

[Section (5)(c)1.c.]

Schedule P-1

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of the projected total retail revenue requirement for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	(H) Projected July	(I) Projected August	(J) Projected September	(K) Projected October	(L) Projected November	(M) Projected December	(N) 12 Month Total
Jurisdictional Dollars							
1.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.	1,212,851	1,286,592	1,360,183	1,449,366	1,557,856	1,659,977	14,587,810
3.	22,999	23,252	24,551	31,687	24,688	25,816	304,128
4.	28,301	31,445	34,781	38,323	42,058	45,972	332,755
5.	102,746	102,663	102,581	102,498	102,416	102,333	1,233,443
6.	<u>\$ 1,366,896</u>	<u>\$ 1,443,952</u>	<u>\$ 1,522,096</u>	<u>\$ 1,621,874</u>	<u>\$ 1,727,017</u>	<u>\$ 1,834,099</u>	<u>\$ 16,458,136</u>
7.	46,408	69,126	98,061	131,541	171,679	265,199	928,896
8.	600,046	665,444	742,302	810,435	852,674	916,130	7,512,933
9.	<u>\$ 2,013,350</u>	<u>\$ 2,178,522</u>	<u>\$ 2,362,460</u>	<u>\$ 2,563,850</u>	<u>\$ 2,751,370</u>	<u>\$ 3,015,427</u>	<u>\$ 24,899,965</u>

Note 1: The amount in this row represents the revenue requirements associated with the MUR as discussed further in the attached testimony and presented in Appendix A.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Preconstruction Costs**

[Section (5)(c)1.c.]

Schedule P-2

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of the projected
preconstruction costs for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	6 Month Total
Jurisdictional Dollars								
1.	Current Period Pre-Construction Expenses (Schedule AE-6 Line 34)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.	Prior Period Unrecovered Pre-Construction Balance	-	-	-	-	-	-	-
3.	Pre-Construction Expenses Recovered	-	-	-	-	-	-	-
4.	Average Balance Pre-Construction Expenses Eligible for Return	-	-	-	-	-	-	-
5.	Return on Average Net Unamortized CWIP Eligible for Return (c)							
a.	Equity Component (a)	-	-	-	-	-	-	-
b.	Equity Comp. grossed up for taxes (b)	-	-	-	-	-	-	-
c.	Debt Component	-	-	-	-	-	-	-
6.	Total Return Requirements (Line 5b + 5c)	-	-	-	-	-	-	-
7.	Total Costs to be Recovered (Line 1 + Line 6)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Notes:

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Preconstruction Costs**

[Section (5)(c)1.c.]

Schedule P-2

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide a summary of the projected
preconstruction costs for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	(I) Projected July	(J) Projected August	(K) Projected September	(L) Projected October	(M) Projected November	(N) Projected December	(O) 12 Month Total
Jurisdictional Dollars							
1.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.	-	-	-	-	-	-	-
3.	-	-	-	-	-	-	-
4.	-	-	-	-	-	-	-
5.	-	-	-	-	-	-	-
a.	-	-	-	-	-	-	-
b.	-	-	-	-	-	-	-
c.	-	-	-	-	-	-	-
6.	-	-	-	-	-	-	-
7.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Notes:

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Construction Costs**

[Section (5)(c)1.c.]

Schedule P-3

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the calculation of the projected carrying costs on projected construction balances for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	(A) Beginning of Period	(B) Projected January	(C) Projected February	(D) Projected March	(E) Projected April	(F) Projected May	(G) Projected June	(H) Total to Date
Jurisdictional Dollars								
1.	\$ 81,933,398	\$ 8,055,878	\$ 6,719,884	\$ 3,687,710	\$ 5,461,459	\$ 5,363,117	\$ 7,277,884	\$ 118,499,331
2.	8,030,267	-	-	-	-	-	-	8,030,267
3.	4,146,391	135,571	(389,269)	(389,269)	(389,269)	(389,269)	(389,269)	2,335,616
4.		<u>\$ 86,240,971</u>	<u>\$ 92,571,586</u>	<u>\$ 95,870,027</u>	<u>\$ 100,942,217</u>	<u>\$ 105,916,065</u>	<u>\$ 112,804,680</u>	<u>\$ 112,804,680</u>
5.		\$82,213,032	\$89,211,644	\$94,026,172	\$98,211,488	\$103,234,507	\$109,165,738	
6.								
a.		449,212	487,452	513,759	536,628	564,073	596,482	3,147,606
b.		731,318	793,574	836,401	873,631	918,313	971,073	5,124,309
c.		133,678	145,058	152,887	159,692	167,859	177,503	936,678
7.		<u>\$ 864,996</u>	<u>\$ 938,632</u>	<u>\$ 989,287</u>	<u>\$ 1,033,323</u>	<u>\$ 1,086,172</u>	<u>\$ 1,148,577</u>	<u>\$ 6,060,987</u>

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%.

(d) This adjustment is the amortization of the prior period debt and equity component that will be collected through rates in 2009.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Construction Costs**

[Section (5)(c)1.c.]

Schedule P-3

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the calculation of the projected carrying costs on projected construction balances for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	(I) Beginning of Period	(J) Projected July	(K) Projected August	(L) Projected September	(M) Projected October	(N) Projected November	(O) Projected December	(P) Total to Date
Jurisdictional Dollars								
1.	\$ 118,499,331	\$ 5,718,411	\$ 9,077,514	\$ 5,689,935	\$ 12,041,106	\$ 9,360,162	\$ 10,830,439	\$ 171,216,899
2.	8,030,267	-	-	-	-	-	-	8,030,267
3.	2,335,616	(389,269)	(389,269)	(389,269)	(389,269)	(389,269)	(389,269)	-
4.	<u>\$ 118,133,822</u>		<u>\$ 126,822,067</u>	<u>\$ 132,122,733</u>	<u>\$ 143,774,570</u>	<u>\$ 152,745,463</u>	<u>\$ 163,186,633</u>	<u>\$ 163,186,633</u>
5.	\$115,274,617		\$122,283,310	\$129,277,765	\$137,754,017	\$148,065,382	\$157,771,413	
6.								
a.	629,861		668,156	706,374	752,688	809,029	862,063	7,575,776
b.	1,025,414		1,087,759	1,149,978	1,225,377	1,317,101	1,403,440	12,333,379
c.	187,437		198,833	210,206	223,988	240,754	256,536	2,254,431
7.	<u>\$ 1,212,851</u>		<u>\$ 1,286,592</u>	<u>\$ 1,360,183</u>	<u>\$ 1,449,366</u>	<u>\$ 1,557,856</u>	<u>\$ 1,659,977</u>	<u>\$ 14,587,810</u>

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%.

(d) This adjustment is the amortization of the prior period debt and equity component that will be collected through rates in 2009.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Deferred Tax Carrying Costs**

[Section (5)(c)1.c.]

Schedule P-3A

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the projected deferred tax Carrying Costs for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	(A) Beginning of Period	(B) Projected January	(C) Projected February	(D) Projected March	(E) Projected April	(F) Projected May	(G) Projected June	(H) 6 Month Total
Jurisdictional Dollars								
1.		\$482,038	\$504,103	\$530,301	\$560,916	\$592,415	\$628,228	\$3,298,001
2.		-	-	-	-	-	-	-
3.		89,274	89,274	89,274	89,274	89,274	89,274	535,643
4.		<u>\$ 2,762,847</u>	<u>\$ 3,334,159</u>	<u>\$ 3,927,536</u>	<u>\$ 4,547,111</u>	<u>\$ 5,197,301</u>	<u>\$ 5,878,990</u>	<u>\$ 6,596,492</u>
5.		<u>\$ 1,065,768</u>	<u>\$ 1,286,152</u>	<u>\$ 1,515,047</u>	<u>\$ 1,754,048</u>	<u>\$ 2,004,859</u>	<u>\$ 2,267,820</u>	<u>\$ 2,544,597</u>
6.		\$1,175,960	\$1,400,599	\$1,634,548	\$1,879,453	\$2,136,340	\$2,406,209	
7.								
a.		6,425	7,653	8,931	10,269	11,673	13,148	58,099
b.		10,461	12,459	14,540	16,718	19,004	21,404	94,586
c.		1,912	2,277	2,658	3,056	3,474	3,912	17,289
8.		<u>\$ 12,373</u>	<u>\$ 14,736</u>	<u>\$ 17,198</u>	<u>\$ 19,774</u>	<u>\$ 22,477</u>	<u>\$ 25,317</u>	<u>\$ 111,875</u>

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%.

(d) Balance represents the prior period debt component that was recorded as a liability that is now included in rates and being amortized over twelve months.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Deferred Tax Carrying Costs**

[Section (5)(c)1.c.]

Schedule P-3A

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the projected deferred tax Carrying Costs for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - E1

Witness: Lori Cross

Line No.	(I) Beginning of Period	(J) Projected July	(K) Projected August	(L) Projected September	(M) Projected October	(N) Projected November	(O) Projected December	(P) 12 Month Total	
Jurisdictional Dollars									
1.		\$663,788	\$706,751	\$758,878	\$808,052	\$853,664	\$896,889	\$7,986,024	
2.		-	-	-	-	-	-	-	
3.		89,274	89,274	89,274	89,274	89,274	89,274	1,071,287	
4.		<u>\$6,596,492</u>	<u>\$7,349,554</u>	<u>\$8,145,579</u>	<u>\$8,993,730</u>	<u>\$9,891,057</u>	<u>\$10,833,995</u>	<u>\$11,820,158</u>	n/a
5.		<u>\$2,544,597</u>	<u>\$2,835,090</u>	<u>\$3,142,157</u>	<u>\$3,469,332</u>	<u>\$3,815,475</u>	<u>\$4,179,213</u>	<u>\$4,559,626</u>	n/a
6.		\$2,689,844	\$2,988,624	\$3,305,744	\$3,642,403	\$3,997,344	\$4,369,420		
7.									
a.		14,697	16,330	18,063	19,902	21,841	23,875	172,807	
b.		23,927	26,585	29,406	32,401	35,558	38,868	281,330	
c.		4,374	4,860	5,375	5,923	6,500	7,105	51,425	
8.		<u>\$ 28,301</u>	<u>\$ 31,445</u>	<u>\$ 34,781</u>	<u>\$ 38,323</u>	<u>\$ 42,058</u>	<u>\$ 45,972</u>	<u>\$ 332,755</u>	

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%.

(d) Balance represents the prior period debt component that was recorded as a liability that is now included in rates and being amortized over twelve months.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Construction Period Interest**

[Section (5)(c)1.c.]

Schedule P-3B

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the calculation of the projected
Construction Period Interest for
the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	(A) Beginning of Period	(B) Projected January	(C) Projected February	(D) Projected March	(E) Projected April	(F) Projected May	(G) Projected June	(H) 6 Month Total
Jurisdictional Dollars								
1.	Beginning Balance	\$ 97,365,584	\$ 101,020,287	\$ 106,446,490	\$ 111,802,539	\$ 119,045,987	\$ 124,766,410	
2.	Additions Preconstruction	-	-	-	-	-	-	-
3.	Additions Construction	3,654,703	5,426,204	5,356,048	7,243,449	5,720,422	9,018,414	36,419,241
4.	Other Adjustments	-	-	-	-	-	-	-
5.	Ending Balance Excluding CPI	<u>97,365,584</u>	<u>101,020,287</u>	<u>106,446,490</u>	<u>111,802,539</u>	<u>119,045,987</u>	<u>124,766,410</u>	<u>133,784,824</u>
6.	Average Balance Eligible for CPI	99,192,935	103,733,389	109,124,515	115,424,263	121,906,198	129,275,617	
7.	Monthly CPI Rate [Note 1]	0.0048596	0.0048596	0.0048596	0.0048596	0.0048596	0.0048596	
8.	Construction Period Interest for Tax (CPI)	<u>482,038</u>	<u>504,103</u>	<u>530,301</u>	<u>560,916</u>	<u>592,415</u>	<u>628,228</u>	<u>3,298,001</u>

Note 1: CPI rate is the projected weighted average debt rate for the period.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Construction Period Interest**

[Section (5)(c)1.c.]

Schedule P-3B

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the projected
Construction Period Interest for
the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	(I) Beginning of Period	(J) Projected July	(K) Projected August	(L) Projected September	(M) Projected October	(N) Projected November	(O) Projected December	(P) 12 Month Total
Jurisdictional Dollars								
1.	Beginning Balance	\$ 133,784,824	\$ 139,401,583	\$ 151,466,265	\$ 160,854,875	\$ 171,704,367	\$ 179,626,642	
2.	Additions Preconstruction	-	-	-	-	-	-	-
3.	Additions Construction	5,616,759	12,064,682	9,388,610	10,849,492	7,922,275	9,867,408	92,128,466
4.	Other Adjustments	-	-	-	-	-	-	-
5.	Ending Balance Excluding CPI	<u>133,784,824</u>	<u>139,401,583</u>	<u>151,466,265</u>	<u>160,854,875</u>	<u>171,704,367</u>	<u>179,626,642</u>	<u>189,494,050</u>
6.	Average Balance Eligible for CPI	136,593,204	145,433,924	156,160,570	166,279,621	175,665,504	184,560,346	
7.	Monthly CPI Rate [Note 1]	0.0048596	0.0048596	0.0048596	0.0048596	0.0048596	0.0048596	
8.	Construction Period Interest for Tax (CPI)	<u>663,788</u>	<u>706,751</u>	<u>758,878</u>	<u>808,052</u>	<u>853,664</u>	<u>896,889</u>	<u>7,986,024</u>

Note 1: CPI rate is the projected weighted average debt rate for the period.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Recoverable O&M Monthly Expenditures

[Section (5)(c)1.c.]

[Section (8)(e)]

Schedule P-4

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the Recoverable O&M projected monthly expenditures by function for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	Description	(A) Projected January	(B) Projected February	(C) Projected March	(D) Projected April	(E) Projected May	(F) Projected June	(G) Projected July	(H) Projected August	(I) Projected September	(J) Projected October	(K) Projected November	(L) Projected December	(M) 12 Month Total
1	Accounting	\$ 3,013	\$ 3,626	\$ 3,585	\$ 3,544	\$ 4,769	\$ 3,422	\$ 3,422	\$ 3,463	\$ 3,381	\$ 4,769	\$ 3,585	\$ 3,585	\$ 44,162
2	Corporate Communications	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Corporate Planning	7,308	8,893	9,034	9,421	11,853	8,611	8,365	8,470	8,505	12,222	9,526	9,034	111,240
4	Corporate Services	-	-	-	-	-	-	-	-	-	-	-	-	-
5	External Relations	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Human Resources	-	-	-	-	-	-	-	-	-	-	-	-	-
7	IT & Telecom	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	40,000
8	Legal	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Project Assurance	8,674	10,616	12,210	10,358	14,242	11,692	9,969	10,099	11,563	14,242	10,487	12,210	136,363
10	Public Affairs	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Subtotal A&G	22,329	26,468	28,162	26,655	34,196	27,058	25,089	25,365	26,782	34,566	26,931	28,162	331,764
12	Energy Delivery Florida	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Nuclear Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Total O&M Costs	\$ 22,329	\$ 26,468	\$ 28,162	\$ 26,655	\$ 34,196	\$ 27,058	\$ 25,089	\$ 25,365	\$ 26,782	\$ 34,566	\$ 26,931	\$ 28,162	\$ 331,764
16	Jurisdictional Factor (A&G)	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670
17	Jurisdictional Factor (Distribution)	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597
18	Jurisdictional Factor (Nucl - Production - Base)	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753
19	Jurisdictional Factor (Transmission)	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	\$ 20,469	\$ 24,264	\$ 25,816	\$ 24,435	\$ 31,348	\$ 24,804	\$ 22,999	\$ 23,252	\$ 24,551	\$ 31,687	\$ 24,688	\$ 25,816	\$ 304,128
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line 18)	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Total Jurisdictional Recoverable O&M Costs	\$ 20,469	\$ 24,264	\$ 25,816	\$ 24,435	\$ 31,348	\$ 24,804	\$ 22,999	\$ 23,252	\$ 24,551	\$ 31,687	\$ 24,688	\$ 25,816	\$ 304,128
25	Total Jurisdictional O&M Costs From Most Recent Projection	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Difference (Line 24 - 26)	\$ 20,469	\$ 24,264	\$ 25,816	\$ 24,435	\$ 31,348	\$ 24,804	\$ 22,999	\$ 23,252	\$ 24,551	\$ 31,687	\$ 24,688	\$ 25,816	\$ 304,128

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Other Recoverable O&M Monthly Expenditures**

[Section (5)(c)1.c.]

[Section (8)(e)]

Schedule P-5

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the Other Recoverable O&M projected monthly expenditures by function for the subsequent year.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12 Month Total
1	Accounting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Corporate Communications	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Corporate Planning	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Corporate Services	-	-	-	-	-	-	-	-	-	-	-	-	-
5	External Relations	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Human Resources	-	-	-	-	-	-	-	-	-	-	-	-	-
7	IT & Telecom	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Legal	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Project Assurance	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Public Affairs	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Subtotal A&G	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Energy Delivery Florida	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Nuclear Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Total O&M Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Jurisdictional Factor (A&G)	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670
17	Jurisdictional Factor (Distribution)	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597
18	Jurisdictional Factor (Nuclear - Production - Base)	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753
19	Jurisdictional Factor (Transmission)	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line 1)	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Total Jurisdictional Recoverable O&M Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Total Jurisdictional O&M Costs From Most Recent Projection	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Difference (Line 24 - 26)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note: PEF does not have an estimate of these costs currently.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Monthly Expenditures**

[Section (5)(c)1.c.]

[Section (8)(e)]

Schedule P-6

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the projected monthly expenditures by major tasks performed within Site Selection, Preconstruction and Construction categories for the current year.
All Site Selection costs also included in Pre-Construction costs must be identified.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - E1

Witness: Lori Cross

Line No.	Description	(A) Projected January	(B) Projected February	(C) Projected March	(D) Projected April	(E) Projected May	(F) Projected June	(G) Projected July	(H) Projected August	(I) Projected September	(J) Projected October	(K) Projected November	(L) Projected December	(M) 12 Month Total
1	Site Selection:													
2														
3														
4	Pre-Construction:													
5	Generation:													
6	License Application	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Engineering & Design	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Permitting	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Clearing, Grading and Excavation	-	-	-	-	-	-	-	-	-	-	-	-	-
10	On-Site Construction Facilities	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Total Generation Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Less Adjustments:													
13	Non Cash Accruals	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Net Generation Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Jurisdictional Factor	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753
17	Total Jurisdictional Generation Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18														
19														
20	Transmission:													
21	Line Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	Substation Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Clearing	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Total Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	Less Adjustments:													
27	Non Cash Accruals	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Net Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Jurisdictional Factor	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
31	Total Jurisdictional Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32														
33														
34	Total Jurisdictional Preconstruction Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35														
36	Construction:													
37	Generation:													
38	Real Estate Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Project Management	1,829,882	1,808,882	1,772,990	1,756,099	1,906,715	1,758,199	1,765,615	1,756,519	1,773,615	1,899,040	1,781,806	1,767,906	21,577,271
40	Permanent Staff/Training	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Site Preparation	-	-	-	-	-	-	-	-	-	-	-	-	-
42	On-Site Construction Facilities	-	-	-	-	-	-	-	-	-	-	-	-	-
43	Power Block Engineering, Procurement, etc.	2,417,448	4,497,206	4,451,566	6,661,908	4,741,300	8,722,593	4,761,928	12,264,507	9,137,401	10,709,748	7,425,102	9,899,548	85,490,257
44	Non-Power Block Engineering, Procurement, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Total Generation Costs	\$ 4,247,330	\$ 6,306,088	\$ 6,224,556	\$ 8,418,008	\$ 6,648,016	\$ 10,480,793	\$ 6,527,543	\$ 14,021,026	\$ 10,911,017	\$ 12,608,788	\$ 9,206,909	\$ 11,467,455	\$ 107,067,528
46	Less Adjustments:													
47	Non Cash Accruals	(4,694,437)	(1,379,882)	1,779,503	1,900,728	381,113	1,856,506	(108,425)	3,186,210	3,945,128	(1,271,014)	(1,533,897)	(1,027,200)	3,034,532
48	Other	349,105	518,323	511,821	891,910	546,427	861,458	536,525	1,152,444	896,820	1,038,367	756,753	942,556	8,800,308
49	Net Generation Costs	\$ 8,592,662	\$ 7,187,647	\$ 3,833,432	\$ 5,825,370	\$ 5,720,475	\$ 7,762,828	\$ 6,099,443	\$ 9,682,372	\$ 6,069,070	\$ 12,843,436	\$ 9,983,853	\$ 11,552,099	\$ 95,232,888
50	Jurisdictional Factor	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753
51	Total Jurisdictional Generation Costs	\$ 8,055,878	\$ 6,719,884	\$ 3,687,710	\$ 5,461,459	\$ 5,363,117	\$ 7,277,884	\$ 5,718,411	\$ 9,077,514	\$ 5,689,935	\$ 12,041,106	\$ 9,360,162	\$ 10,830,439	\$ 89,283,502
52														
53														
54	Transmission:													
55	Line Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
56	Substation Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Real Estate Acquisition	-	-	-	-	-	-	-	-	-	-	-	-	-
58	Line Construction	-	-	-	-	-	-	-	-	-	-	-	-	-
59	Substation Construction	-	-	-	-	-	-	-	-	-	-	-	-	-
60	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
61	Total Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62	Less Adjustments:													
63	Non Cash Accruals	-	-	-	-	-	-	-	-	-	-	-	-	-
64	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
65	Net Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
66	Jurisdictional Factor	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
67	Total Jurisdictional Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
68														
69														
70	Total Jurisdictional Construction Costs	\$ 8,055,878	\$ 6,719,884	\$ 3,687,710	\$ 5,461,459	\$ 5,363,117	\$ 7,277,884	\$ 5,718,411	\$ 9,077,514	\$ 5,689,935	\$ 12,041,106	\$ 9,360,162	\$ 10,830,439	\$ 89,283,502

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Description of Monthly Expenditures**

[Section (5)(c)1.c.]

[Section (8)(e)]

Schedule P-6A

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a description of the major tasks performed within Preconstruction and Construction categories for the current year.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Witness: Lori Cross

Line No.	Major Task	Description - Includes, but is not limited to:
1	<u>Pre-Construction:</u>	
2	<u>Generation:</u>	
3	License Application	Detailed on-site characterization for geological and environmental analysis, NRC Review fees, transmission deliverability analysis, etc.
4	Engineering & Design	Engineering & Design associated with the Site Layout, Power Block and Non-Power Block facilities.
5	Permitting	Obtain required permits for new plant (i.e. site certification permits, environmental permits, etc.)
6	Clearing, Grading and Excavation	Clearing, grading, excavation, backfill, onsite disposal, drainage and erosion control. Construction park lots, laydown areas and access roads.
7	On-Site Construction Facilities	includes the installation of warehouses necessary during construction (electrical shop, carpenter shops, etc.), construction power and lighting.
8		
9	<u>Transmission:</u>	
10	Line Engineering	Internal engineering labor, contracted engineering labor, survey and all other costs associated with engineering transmission lines.
11	Substation Engineering	Internal engineering labor, contracted engineering labor and all other costs associated with substation and protection and control (relay) engineering.
12	Clearing	Contracted costs associated with clearing acquired ROW for the construction of transmission lines, costs associated with building access roads to the ROW to ensure access for construction, operating and maintenance of transmission lines.
13		
14	Other	Project Management, overhead costs and other miscellaneous costs associated with transmission pre-construction.
15		
16	<u>Construction:</u>	
17	<u>Generation:</u>	
18	Real Estate Acquisition	Land, Survey, Legal fees and commissions.
19	Project Management	Management oversight of construction, including, but not limited to engineering, quality assurance, field support and contract services.
20	Permanent Staff/Training	Obtain and train qualified staff by Fuel Load date.
21	Site Preparation	Design and construction of plant site preparations to support fabrication and construction. Remedial work for plant foundation and foundation substrata.
22	On-Site Construction Facilities	includes the installation of warehouses necessary during construction (electrical shop, carpenter shops, etc.), construction power and lighting.
23	Power Block Engineering, Procurement, etc.	The cost of constructing and procuring the nuclear power block (reactor vessel, containment vessel, cooling towers, etc.)
24	Non-Power Block Engineering, Procurement, etc.	Site permanent structures and facilities outside the Power Block, including structural, electrical, mechanical, civil and security items. (Admin building, Training center, Security towers, Switchyard, Roads, Railroad, Barge facility, etc.)
25		
26		
27	<u>Transmission:</u>	
28	Line Engineering	See description on Line 10.
29	Substation Engineering	See description on Line 11.
30	Real Estate Acquisition	Land, route siting, survey, appraisal, title commitments, acquisition, permitting, eminent domain support and ordinance review costs.
31	Line Construction	Contracted construction labor, structures and materials, equipment and all other costs associated with construction of transmission lines.
32	Substation Construction	Contracted construction labor, structures and materials, equipment and all other costs associated with substation and protection and control (relay) construction.
33	Other	See description on Line 14.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Technology Selected**

[Section (8)(b)]

Schedule P-7

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a description of the nuclear technology selected that includes, but is not limited to, a review of the technology and the factors leading to its selection.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

Project Title: Phase I - Measurement Uncertainty Recapture (MUR)

The Extended Power Uprate (EPU) Project includes multiple project phases proceeding in parallel. The phases are most simply associated with the outages (2007, 2009, and 2011) in which they will be installed. In the 2006 and 2007 period, expenses were realized on all three phases.

The 2007 phase included installation of improved instruments to allow more accurate measurement of inputs to the secondary heat balance. By far, the largest portion was that associated with main feed-water flow. The vendor chosen to supply this new instrumentation (Fundamentally new technology) was available from two vendors (Westinghouse and Caldon d.b.a. Cameron). However, Progress Energy already had a fleet contract with Caldon for all such applications. Further, the Nuclear Regulatory Commission (NRC) was reviewing both suppliers. Caldon had been re-approved. Westinghouse's approval was not proceeding well and was ultimately withdrawn. Thus, both financial and regulatory reasons led to the selection of this particular technology.

The analytical and licensing support for the required NRC approval was provided by the original Nuclear Steam Supply System (NSSS) and current fuel supplier (AREVA). They were selected (sole source) because they had unique access to and experience with all the requisite safety analysis for CR3. Efforts to use other vendors for such work has been consistently less timely, more costly and of lower quality. The contract for this service was established as a fixed price contract with incentives and penalties (roughly 10%) to provide cost-certainty and appropriate risk-sharing.

The installation contractor (Atlantic) is a standard supplier of such services to Progress Energy. The fleet contract was established after a competitive bidding process.

Project Title: Phase II - Balance of Plant (BOP) and Phase III - Extended Power Uprate (EPU)

Siemens was selected as the vendor for our turbine/generator retrofits. They were selected after fully, open, competitive bidding process with due consideration of both cost and performance. The fixed price contract has appropriate incentives, penalties, and performance guarantees to assure price certainty and expected results.

A number of long-lead components (thus far mostly heat exchangers) were contracted for in late 2007 after evaluation of competitive bids based on cost and performance.

AREVA was contracted to supply the necessary analytical and licensing support to seek NRC approval for the 2011 uprate. This was a sole-source contract for the same reasons noted above. This contract was thoroughly negotiated as a fixed price contract with incentives and penalties to provide cost certainty and appropriate risk sharing. Progress was made on schedule and milestone payments made and/or accrued as appropriate.

A detailed technical evaluation of the EPU was performed by AREVA. They were selected to assure close coordination with the NSSS scope and other on-going activities. The results were reviewed by an expert panel comprised of AREVA, Progress Energy, and external participants.

The results of the evaluation formed the basis for competitively bidding the engineering support for the balance of EPU. A limited partnership between Worley Parsons (the original CR3 Architect and Engineering firm) and AREVA was awarded the contract based on both technical and cost considerations and to assure continued close coordination with the balance of the project.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

REDACTED
[Section (8)(c)]

Schedule P-8

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide a list of contracts executed in excess of \$1 million including, a description of the work, the dollar value and term of the contract, the method of vendor selection, the identity and affiliation of the vendor, and current status of the contract.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - E1

Witness: Daniel Roderick

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
Line No.	Contract No.	Status of Contract	Original Term of Contract	Current Term of Contract	Actual Expended as of Prior Year End	Estimate of amount to be Expended in Current Year	Estimate of Final Contract Amount	Name of Contractor (and Affiliation if any)	Method of Selection	Work Description
1	44867 A07	Issued						NuFlo Technologies Sales Co.	Fleet Contract in Place - Sole Source	Purchase & Installation of Leading Edge Flow Meter (LEFM) to Recapture Measurement Uncertainty
2	101659 WA 61	Issued						AREVA - NP	Sole Source - Original Equipment Manufacture	Engineering Design & Licensing for Measurement Uncertainty Recapture
3	101659 WA 84	Issued						AREVA - NP	Sole Source - Original Equipment Manufacture	EPU NSSS Engineering, Fuel Eng, and LAR Support for CR3
4	342253	Issued						Thermal Engineering International (TEI)	RFP	Purchase of 4 moisture separator reheaters (MSRs)
5	101659 WA 93	Issued						Areva NP	RFP KS12007	EPU BOP
6	3714, Amdt 53, Amdt 57 to add funds	Issued						Atlantic Group	Fleet Contract in Place - Sole Source	LEFM Install
7	145569 WA 50	Issued						Siemens	RFP	CR3 turbine retrofit for EPU including supply of all equipment and installation.
8	355217	Issued						Yuba Heat Transfer Div.	RFP	CR3 Feedwater Heater and SC cooler replacement

SCHEDULE APPENDIX

REDACTED

EXHIBIT (LC-1)

PROGRESS ENERGY FLORIDA, INC.

Crystal River Unit 3 Uprate

COMMISSION SCHEDULES (P-1 Through P-10)

JANUARY 2009 - DECEMBER 2009

Projections

DOCKET NO. 080009-EI

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

Contract No.:

44867 Amendment 07

Major Task or Tasks Associated With:

Purchase & Installation of Leading Edge Flow Meter to Recapture Measurement - Uncertainty - Power Level Update

Vendor Identity:

NuFlo Technologies Sales Co.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

A Fleet Contract had been approved for entire fleet to Purchase the LEFM from Caldon (recognized as industry leader). Further NRC Issue Summary 2007-24 suspended further approvals of the Westinghouse AMAG Crossflow Ultrasonic Flow Meter (UFM) until problems are addressed.

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Progress Energy proposes to perform a thermal power uprate of the Crystal River Unit 3 nuclear plant to achieve an increase in the reactor core thermal power output and subsequent increases in electrical generation output. Current 10 CFR50 regulations allow the plant to recover the difference between 2% and the demonstrated uncertainty of thermal power measurement made possible with the installation of more accurate ultrasonic feedwater flow instrumentation. Caldon shall provide a complete Leading Edge Flow Meter (LEFM) CheckPlus ultrasonic feedwater flow measurement (UFM) system for Crystal River Unit 3. This system shall use ultrasonic "transit time" technology to determine feedwater volumetric flow rate, mass flow rate and fluid temperature. This specification establishes the supply, inspection testing and documentation requirements for the flow measurement system which will be used in conjunction with the Crystal River Unit 3 "Appendix K" thermal power uprate proposals.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

Contract No.:

101659 WA 61

Major Task or Tasks Associated With:

Engineering Design & Licensing for Measurement Uncertainty Recapture

Vendor Identity:

AREVA NP

Vendor Affiliation (specify "direct" or "indirect"):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

OEM

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Contractor shall provide engineering, design and licensing for the Measurement Uncertainty Recapture (MUR) project . The awarded Work shall be performed at Owner's, Crystal River Nuclear Plant, located near Crystal River, Florida and shall consist of the following unique work scopes/deliverables. 1.0 December Submittals – These will be completed under AREVA's QA Program and are Non-Safety. 1) 12/07/06 Transmit NSSS I&C System Reviews to CR3 2) 12/08/06 Transmit HVAC System Reviews to CR3 3) 12/19/06 Transmit BOP Elect System Reviews to CR3 4) 12/22/06 Transmit NSSS Fluid System Reviews to CR3 5) 12/29/06 Transmit BOP Fluid System Reviews to CR3 2.0 License Amendment Request – Draft Submittal to CR3 for the MUR The draft license amendment request (LAR) is a AREVA NP 51-document summarizing the license evaluations performed by AREVA NP and CR3 to meet the NRC regulatory information summary (RIS) 2002-003, Guidance on the Content of Measurement Uncertainty Recapture Power Uprate Applications. The draft license amendment request will be completed under AREVA's QA Program and is Safety-Related.

The deliverables to CR3 that are input to this summary document include: AREVA NP 32-document, New Operating Conditions for the CR3 MUR AREVA's QA Program/Safety-Related AREVA NP 32-document, Heat Balance Uncertainty Calculation for the CR3 MUR AREVA's QA Program/Safety-Related AREVA NP 12-document, Revised PEPSE model for CR3 MUR AREVA's QA Program/Non-Safety AREVA NP 51-document, NSSS Fuel Evaluation AREVA's QA Program/Non-Safety.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

Contract No.:

101659 WA 84

Major Task or Tasks Associated With:

EPU NSSS Engineering, Fuel Eng, and LAR Support for CR3

Vendor Identity:

Areva NP, Inc.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

N/A - OEM

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Contractor agrees to perform the following work more fully described in AREVA Proposal No. NSSSE06-1023.0 Revision 000 dated July 18, 2007 to furnish all engineering personnel and tools, engineering supervision and management, deliverable documents and required transportation necessary to perform the following functions in support of the Extended Power Uprate (EPU) Project Nuclear Steam Supply (NSSS) Portion for Crystal River Three (CR-3) Nuclear Power Station: Nuclear Steam Supply System (NSSS) Engineering, Fuel Engineering, Support of the Licensing Amendment Request (LAR).

This work is Nuclear Safety Related.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

Contract No.:

342253

Major Task or Tasks Associated With:

Purchase of 4 MSR's

Vendor Identity:

Thermal Engineering International (TEI)

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

2

Number of Bids Received:

2

Brief Description of Selection Process:

Bid was lower than the competing bidder

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Thermal Engineering International (TEI) is to provide four (4) moisture separator reheaters (MSR's) for Crystal River Unit #3 (CR3) that when combined with other power uprate modifications serve to maximize the uprated turbine steam cycle conditions. The replacement MSR's shall be designed and fabricated with full consideration for maintaining the existing plant piping configuration including the turbine cross under and cross over piping. MSR's are to contribute to the rated generator MVA capability that will have a minimum performance capability of 1080 MWe real power output while concurrently providing 430 MVAR reactive power.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel Roderick

DOCKET NO.: 0080009 - EI

Contract No.:

101659-93

Major Task or Tasks Associated With:

EPU, BOP

Vendor Identity:

Areva NP

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

5

Number of Bids Received:

3

Brief Description of Selection Process:

Areva has proven performance on MUR and NSSS with a stronger interface with vendors; teamed with original A/E for BOP at CR3; Areva is the best vendor from a technical perspective and on average equal cost with opportunity to earn higher royalties.

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Contractor shall provide Engineering Services for CR3 Secondary Systems Uprate to support the Extended Power Uprate Project. Engineering Services shall be in accordance with Request for Proposal No. KS12007 and "Extended Power Uprate Bid Specification", dated June 25, 2007.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

Contract No.:

Master 3714, Amdt 53, and Amd 57 to add funds

Major Task or Tasks Associated With:

LEFM Install

Vendor Identity:

Atlantic Group

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

Work awarded under fleet contract that was competitively bid.

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

LEFM Installation at CR3

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

Contract No.:

145569 WA 50

Major Task or Tasks Associated With:

CR3 turbine retrofit for EPU including supply of all equipment and installation

Vendor Identity:

Siemens

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

4

Number of Bids Received:

2

Brief Description of Selection Process:

Total cost lower than competing bidder. Siemens adds value by bundling all componenets and services.

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Contractor to provide all materials, equipment, and tools to supply and install High pressure Turbine Rotors, Low Pressure Turbine Rotors, Generator, and Exciter at Crystal River Unit #3 as more fully described in Attachment A - Scope of Work (attached hereto) and as set forth in the Contractor's offer (Proposal Number TA02-280) dated April 16, 2007, the Proposal Revision e-mail TA02-280-1 dated May 18, 2007, Mr Puneet Bahi's Installation Clarification e-mail and its Attachment dated June 4, 2007 and the terms and conditions of the Master Contract # 145569.

This work is non-safety related.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

Contract No.:

355217

Major Task or Tasks Associated With:

Purchase of Feedwater Heater and SC Cooler Replacement at CR3.

Vendor Identity:

Yuba Heat Transfer Div.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

2

Number of Bids Received:

2

Brief Description of Selection Process:

Bid was lower than the competing bidder and Yuba is technically and commercially the best supplier of the equipment.

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Supplier of Feedwater Heater and SC Cooler Replacement at CR3.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Feasibility of Completing the Plant**

[Section (5)(c)5.]

Schedule P-9

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide a detail analysis of the long-term feasibility
of completing the plant.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Roderick

See Testimony of Danny Roderick.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Estimate Rate Impact**

Schedule P-10

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

EXPLANATION: Using the billing determinants and allocation factors used in the previous year's cost recovery filings, provide an estimate of the rate impact by class of the costs requested for recovery. Current billing determinants and allocation factors may be used, if available.

For the Year Ended 12/31/2009

Witness: Lori Cross

Line No.	(A) Rate Class	(B) 12CP & 1/13 AD Demand Allocator (%)	(C) Production Demand Costs \$ (see note 1)	(D) Effective Mwh's at Meter Year 2008	(E) Estimated Capacity Cost Recovery Factor (c/Kwh)
Residential					
	RS-1, RST-1, RSL-1, RSL-2, RSS-1				
	Secondary	60.454%	\$15,063,786	21,431,535	0.070
General Service Non-Demand					
	GS-1, GST-1				
	Secondary			1,391,472	0.060
	Primary			8,868	0.000
	Transmission			3,633	0.000
	TOTAL GS	3.352%	\$835,368	1,403,973	
General Service					
	GS-2				
	Secondary	0.146%	\$36,375	89,286	0.041
General Service Demand					
	GSD-1, GSDT-1, SS-1				
	Secondary			12,946,646	0.050
	Primary			2,443,814	0.000
	Transmission			10,004	0.000
	TOTAL GSD	31.042%	\$7,735,099	15,400,464	
Curtailable					
	CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3				
	Secondary			0	0.037
	Primary			193,492	0.000
	Transmission			0	0.000
	TOTAL CS	0.284%	\$70,770	193,492	
Interruptible					
	IS-1, IST-1, IS-2, IST-2, SS-2				
	Secondary			120,638	0.043
	Primary			2,076,176	0.000
	Transmission			461,713	0.000
	TOTAL IS	4.579%	\$1,140,928	2,658,527	
Lighting					
	LS-1				
	Secondary	0.143%	\$35,567	356,390	0.010
		100.000%	\$24,917,893	41,533,666	0.060

NOTE 1: Revenues have been grossed up by 1.00072% for revenue related taxes.

Crystal River 3 Uprate
MUR 12 Month Revenue Requirements

Docket No. 080009

APPENDIX A

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
1. Gross Plant In Service Before Jurisdictionalizing and It Owner's	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	9,332,412	
2. Remove It Owner Portion	767,068	767,068	767,068	767,068	767,068	767,068	767,068	767,068	767,068	767,068	767,068	767,068	767,068	
3. PEF Portion Of MUR Cost	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	8,565,344	
4. Jurisdictional Factor	93.753%	93.753%	93.753%	93.753%	93.753%	93.753%	93.753%	93.753%	93.753%	93.753%	93.753%	93.753%	93.753%	
5. Jurisdictional MUR Gross Plant In Service	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	8,030,267	
6. Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	
7. Depreciation Rate	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	2.24%	
8. Depreciation	14,990	14,990	14,990	14,990	14,990	14,990	14,990	14,990	14,990	14,990	14,990	14,990	179,878	
9. Accumulated Depreciation	14,990	29,980	44,969	59,959	74,949	89,939	104,929	119,919	134,908	149,898	164,888	179,878		
10. Ending Jurisdictional Net Plant In Service	8,015,277	8,000,287	7,985,297	7,970,307	7,955,318	7,940,328	7,925,338	7,910,348	7,895,358	7,880,368	7,865,379	7,850,389	7,850,389	
11. Average Balance	8,022,772	8,015,277	8,007,782	8,000,287	7,992,792	7,985,297	7,977,802	7,970,307	7,962,812	7,955,318	7,947,823	7,940,328		
12. Return														
a. Equity Component Grossed Up For Taxes (B)	11.16%	74,612	74,542	74,472	74,403	74,333	74,263	74,194	74,124	74,054	73,984	73,915	73,845	890,741
b. Debt Component (Line 6 x 2.04% x 1/12)	2.04%	13,639	13,626	13,613	13,600	13,588	13,575	13,562	13,550	13,537	13,524	13,511	13,499	162,824
13. Total Return and Depreciation	<u>103,240</u>	<u>103,158</u>	<u>103,075</u>	<u>102,993</u>	<u>102,911</u>	<u>102,828</u>	<u>102,746</u>	<u>102,663</u>	<u>102,581</u>	<u>102,498</u>	<u>102,416</u>	<u>102,333</u>	<u>1,233,443</u>	

2008 RR's (Note 1) 1,181,822

2009 RR's 1,233,443

Note 1: The MUR was placed in service in January 2008. For this reason, 2008 revenue requirements exclude half a month of the above calculated January revenue requirements.

SCHEDULE APPENDIX

EXHIBIT (LC-3)

**PROGRESS ENERGY FLORIDA, INC.
Crystal River Unit 3 Uprate
COMMISSION SCHEDULES (TOR-1 Through TOR-7)**

**JANUARY 2006 - DECEMBER 2011
True-up to Original
DOCKET NO. 080009-EI**

DOCUMENT NUMBER-DATE
03562 MAY-18

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up to Original: Retail Revenue Requirements Summary**

[Section (5)(c)1.c.]

Schedule TOR-1

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of the actual to date and projected total retail revenue requirement for the duration of the project.
Information provided is the best available at the time of filing.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

Witness: Lori Cross

DOCKET NO.: 080119 - EI

Line No.	(A) Actual 2006	(B) Actual 2007	(C) Actual/Projected 2008	(D) Projected 2009	(E) Projected 2010	(F) Projected 2011	(G) Projected 2012	(H) Project Total
Jurisdictional Dollars								
Preconstruction Revenue Requirements (Schedule TOR-2, line 5)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Carrying Cost Revenue Requirements (Schedule TOR-3, line 7)	-	928,896	6,006,160	14,587,810	4,625,479	12,758,979	4,713,249	43,617,521
Recoverable O&M Revenue Requirements (Schedule TOR-4, line 24)	-	-	261,632	304,128	311,731	319,525	327,513	1,524,528
Deferred Tax Asset Carrying Cost (Schedule TOR-3A, line 8)	-	3,053	63,318	332,755	669,848	820,352	1,028,430	2,917,756
Other Adjustments	-	-	1,181,822	1,233,443	-	-	-	2,415,264.92
Total Period Revenue Requirements (Lines 1 through 5)	\$ -	\$ 928,896	\$ 7,512,933	\$ 16,458,136	\$ 5,607,059	\$ 13,898,856	\$ 6,069,191	\$ 50,475,070
Total Revenue Requirements from Original Projection	-	-	-	-	-	-	-	-
Difference (Line 6 - Line 7)	\$ -	\$ 928,896	\$ 7,512,933	\$ 16,458,136	\$ 5,607,059	\$ 13,898,856	\$ 6,069,191	\$ 50,475,070
Variance Percentage	0%	100%	100%	100%	100%	100%	100%	100%

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Balance
True-up to Original: Projection of Preconstruction Costs**

[Section (5)(c)1.c.]

Schedule TOR-2

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of the actual to date and projected preconstruction costs for the duration of the project. Information provided is the best available at the time of filing.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 080119 - EI

Witness: Lori Cross

Line No.	(A) Beginning of Period	(B) Actual 2006	(C) Actual 2007	(D) tual/Project 2008	(E) Projected 2009	(F) Projected 2010	(G) Projected 2011	(H) Projected n-Service yea	(I) Project Total
Jurisdictional Dollars									
1.	Nuclear CWIP Additions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.	Average Net CWIP Base eligible for return		-	-	-	-	-	-	-
3.	Return on Average Net Unamortized CWIP Eligible for Return (c)		-	-	-	-	-	-	-
a.	Equity Component (a)		-	-	-	-	-	-	-
b.	Equity Comp. grossed up for taxes (b)		-	-	-	-	-	-	-
c.	Debt Component		-	-	-	-	-	-	-
4.	Total Return Requirements (Line 3b + 3c)		-	-	-	-	-	-	-
5.	Total Costs to be Recovered		-	-	-	-	-	-	-
3.	Preconstruction Revenue Requirements from Original Projection		-	-	-	-	-	-	-
7.	Difference (Line 5 - Line 6)		-	-	-	-	-	-	-
3.	Variance Percentage								

Notes:

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Based on statutory tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) & 0.001626 (Debt), which results in the annual rate of 8.848%.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Balance
True-up to Original: Projection of Construction Costs**

[Section (5)(c)1.c.]

Schedule TOR-3

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the calculation of the actual to date and projected carrying costs on construction balances for the duration of the project. Information provided is the best available at the time of filing.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2008

DOCKET NO.: 080119 - EI

Witness: Lori Cross

Line No.	(A) Beginning of Period	(B) Actual 2006	(C) Actual 2007	(D) Actual/Projectec 2008	(E) Projected 2009	(F) Projected 2010	(G) Projected 2011	(H) Projected 2012	(I) Project Total	
Jurisdictional Dollars										
1.	Nuclear CWIP Additions	\$ (40,123)	\$32,136,825	\$49,836,695	\$ 89,283,502	\$64,954,069	\$72,434,097	\$3,613,977	\$ 312,219,041	
2.	Transfers to Plant in Service	-	-	8,030,267	-	163,019,156	-	141,169,619	312,219,041	
3.	Other Adjustments	-	445,772	3,700,619	(4,146,391)	-	-	-	0.00	
4.	CWIP Base Eligible for Return (Line 1 - 2 + 3)	\$ -	(\$40,123)	\$ 32,542,475	\$ 78,049,521	\$ 163,186,632	\$ 65,121,545	\$ 137,555,641	0.00	\$476,415,691
5.	Average Net CWIP additions	-	7,332,995	47,570,972	115,540,757	114,154,088	101,338,593	68,777,821		
6.	Return on Average Net CWIP Additions (c)									
a.	Equity Component (a)	-	480,811	3,119,134	7,575,776	2,402,115	6,626,023	2,447,695	22,651,555	
b.	Equity Comp. grossed up for taxes (b)	-	782,761	5,077,956	12,333,379	3,910,648	10,787,179	3,984,853	36,876,776	
c.	Debt Component	-	143,082	928,205	2,254,431	714,831	1,971,800	728,395	6,740,745	
7.	Total Return Requirements (Line 6b + 6c)	\$ -	\$ 925,843	\$ 6,006,160	\$ 14,587,810	\$ 4,625,479	\$ 12,758,979	\$ 4,713,249	\$ 43,617,521	
8.	Total Return Requirements from Original Projections	-	-	-	-	-	-	-	-	
9.	Difference (Line 7 - Line 8)	\$ -	\$ 925,843	\$ 6,006,160	\$ 14,587,810	\$ 4,625,479	\$ 12,758,979	\$ 4,713,249	\$ 43,617,521	
10.	Variance Percentage		0%	100%	100%	100%	100%	100%	100%	

Notes:

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Based on statutory tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) & 0.001626 (Debt), which results in the annual rate of 8.848%.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up to Original: Deferred Tax Carrying Costs**

[Section (5)(c)1.c.]

Schedule TOR-3A

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual to date and projected deferred tax Carrying Costs for the duration of the project. Information provided is the best available at the time of filing.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 080119 - EI

Witness: Lori Cross

Line No.	(A) Beginning of Period	(B) Actual 2006	(C) Actual 2007	(D) Actual/Projected 2008	(E) Projected 2009	(F) Projected 2010	(G) Projected 2011	(H) Projected 2012	(I) Project Total	
Jurisdictional Dollars										
1.	Construction Period Interest (Schedule TOR-3B, Line 7)	\$ -	\$ -	\$ 394,395	\$ 3,439,738	\$ 7,986,024	\$ 3,095,402	\$ 4,401,091	\$ 1,805,470	\$ 21,122,120
2.	Recovered Costs Excluding AFUDC (Schedule TOR-2 Line 1)	-	-	-	-	-	-	-	-	-
3.	Other Difference between Tax versus Book Basis	-	-	-	-	-	-	-	-	-
4.	Other Adjustments (d)	-	-	(143,082)	(928,205)	\$ 1,071,287	-	-	-	-
5.	Tax Basis Less Book Basis (Prior Mo Balance + Line 1 + 2 + 3)	\$ -	\$ -	\$ 251,313	\$ 2,762,846	\$ 11,820,157	\$ 14,915,560	\$ 19,316,651	\$ 21,122,120	\$ 21,122,120
6.	Deferred Tax Asset (DTA) on Tax Basis in Excess of Book (Line 4 * Tax Rate)	\$ -	\$ -	\$ 96,944	\$ 1,065,768	\$ 4,559,626	\$ 5,753,677	\$ 7,451,398	\$ 8,147,858	n/a
7.	Average Accumulated DTA	-	-	24,194	501,504	2,635,541	5,156,651	6,602,538	7,799,628	-
8.	Carrying Cost on DTA	-	-	-	-	-	-	-	-	-
a.	Equity Component (a)	-	-	1,586	32,883	172,807	347,867	426,027	534,087	1,515,257
b.	Equity Comp. grossed up for taxes (b)	-	-	2,581	53,533	281,330	566,328	693,573	869,494	2,466,840
c.	Debt Component	-	-	472	9,785	51,425	103,520	126,779	158,936	450,916
9.	Total Return Requirements (Line 8b + 8c)	\$ -	\$ -	\$ 3,053	\$ 63,318	\$ 332,755	\$ 669,848	\$ 820,352	\$ 1,028,430	\$ 2,917,756
10.	Total Return Requirements from most recent Projections	-	-	-	-	-	-	-	-	-
11.	Difference (Line 9 - Line 10)	\$ -	\$ -	\$ 3,053	\$ 63,318	\$ 332,755	\$ 669,848	\$ 820,352	\$ 1,028,430	\$ 2,917,756
12.	Variance Percentage	-	0%	100%	100%	100%	100%	100%	100%	100%

Notes:
(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.
(b) Based on statutory tax rate of 38.575%.
(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} - 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%.
(d) Other adjustment represents the monthly debt component carrying costs that is a permanent difference and therefore not included in the DTA calculation.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up to Original: Construction Period Interest**

[Section (5)(c)1.c.]

Schedule TOR-3B

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the calculation of the actual to date
and projected Construction Period Interest for
the duration of the project.
Information provided is the best available at the time of filing.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 080119 - EI

Witness: Lori Cross

Line Item	(A) Beginning of Period	(B) Actual 2006	(C) Actual 2007	(D) Actual/Projected 2008	(E) Projected 2009	(F) Projected 2010	(G) Projected 2011	(H) Projected 2012	(I) Project Total
Jurisdictional Dollars									
Beginning Balance	\$ -		(\$40,123)	\$33,136,601	\$91,342,613	\$183,471,079	\$240,262,143	\$307,868,118	\$ 856,040,431
Additions Preconstruction		-	-	-	-	-	-	-	-
Additions Construction		(40,123)	33,176,724	58,206,011	92,128,466	56,791,064	67,605,975	3,613,977	311,482,095
Other Adjustments		-	-						
Average Balance Eligible for CPI		(\$20,061)	\$7,143,595	\$62,303,260	\$144,649,193	\$56,066,379	\$79,716,051	\$32,702,095	
CPI Rate		0.0041529	0.0552096	0.0552096	0.0552096	0.0552096	0.0552096	0.0552096	
Construction Period Interest for Tax (CPI)		-	394,395	3,439,738	7,986,024	3,095,402	4,401,091	1,805,470	n/a
Ending Balance Including (Excluding) CPI	\$ -	\$ (40,123)	\$ 33,136,601	\$ 91,342,613	\$ 183,471,079	\$ 240,262,143	\$ 307,868,118	\$ 311,482,095	\$ 311,482,095
			\$ 16,548,239	\$ 62,239,607	\$ 137,406,846	\$ 211,866,611	\$ 274,065,130	\$ 309,675,106	
			(\$9,404,645)	\$63,653	\$7,242,347	(\$155,800,232)	(\$194,349,079)	(\$276,973,011)	

Note 1: CPI rate is the projected weighted average debt rate for the period.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up to Original: Recoverable O&M Annual Expenditures

[Section (5)(c)1.c.]

[Section (8)(e)]

Schedule TOR-4

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the Recoverable O&M actual to date and projected annual expenditures by function for the duration of the project. Information provided is the best available at the time of filing.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2008

DOCKET NO.: 080119 - EI

Witness: Lori Cross

Line No.	Description	(A) Actual 2006	(B) Actual 2007	(C) Actual/Projected 2008	(D) Projected 2009	(E) Projected 2010	(F) Projected 2011	(G) Projected 2012	(H) Projected Total
1	Accounting	\$ -	\$ -	\$ 29,616	\$ 44,162	\$ 45,266	\$ 46,397	\$ 47,557	\$ 212,999
2	Corporate Communications	-	-	-	-	-	-	-	-
3	Corporate Planning	-	-	103,715	111,240	114,021	116,871	119,793	565,640
4	Corporate Services	-	-	-	-	-	-	-	-
5	External Relations	-	-	-	-	-	-	-	-
6	Human Resources	-	-	-	-	-	-	-	-
7	IT & Telecom	-	-	40,000	40,000	41,000	42,025	43,076	206,101
8	Legal	-	-	-	-	-	-	-	-
9	Project Assurance	-	-	108,339	136,363	139,772	143,266	146,847	674,586
10	Public Affairs	-	-	-	-	-	-	-	-
11	Subtotal A&G	-	-	281,670	331,764	340,058	348,560	357,274	1,659,325
12	Energy Delivery Florida	-	-	-	-	-	-	-	-
13	Nuclear Generation	-	-	-	-	-	-	-	-
14	Transmission	-	-	-	-	-	-	-	-
15	Total O&M Costs	\$ -	\$ -	\$ 281,670	\$ 331,764	\$ 340,058	\$ 348,560	\$ 357,274	\$ 1,659,325
16	Jurisdictional Factor (A&G)	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670
17	Jurisdictional Factor (Distribution)	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597
18	Jurisdictional Factor (Nuclear - Production - Base)	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753
19	Jurisdictional Factor (Transmission)	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	\$ -	\$ -	\$ 258,207	\$ 304,128	\$ 311,731	\$ 319,525	\$ 327,513	\$ 1,521,103
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)	-	-	-	-	-	-	-	-
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line 18)	-	-	-	-	-	-	-	-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Total Jurisdictional Recoverable O&M Costs	\$ -	\$ -	\$ 258,207	\$ 304,128	\$ 311,731	\$ 319,525	\$ 327,513	\$ 1,521,103
25	Average Monthly Recoverable O&M Balance	-	-	\$ 114,166	-	-	-	-	-
26	Monthly Short-term Commerical Paper Rate	-	-	3.00%	-	-	-	-	-
27	Interest Provision	\$ -	\$ -	\$ 3,425	\$ -	\$ -	\$ -	\$ -	\$ -
28	Total Monthly Recoverable O&M Costs	\$ -	\$ -	\$ 261,632	\$ -	\$ -	\$ -	\$ -	\$ -
29	Total Jurisdictional O&M Costs From Most Recent Projection	-	-	-	-	-	-	-	-
30	Difference	\$ -	\$ -	\$ 261,632	\$ 304,128	\$ 311,731	\$ 319,525	\$ 327,513	\$ 1,521,103

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up to Original: Other Recoverable O&M Annual Expenditures

[Section (5)(c)1.c.]

[Section (8)(e)]

Schedule TOR-5

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the Other O&M actual to date and projected annual expenditures by function for the duration of the project. Information provided is the best available at the time of filing.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 080119 - EI

Witness: Lori Cross

Line No.	Description	(A) Actual 2006	(B) Actual 2007	(C) Actual/Projected 2008	(D) Projected 2009	(E) Projected 2010	(F) Projected 2011	(G) Projected 2012	(H) Project Total
1	Accounting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Corporate Communications	-	-	-	-	-	-	-	-
3	Corporate Planning	-	-	-	-	-	-	-	-
4	Corporate Services	-	-	-	-	-	-	-	-
5	External Relations	-	-	-	-	-	-	-	-
6	Human Resources	-	-	-	-	-	-	-	-
7	IT & Telecom	-	-	-	-	-	-	-	-
8	Legal	-	-	-	-	-	-	-	-
9	Project Assurance	-	-	-	-	-	-	-	-
10	Public Affairs	-	-	-	-	-	-	-	-
11	Subtotal A&G	-	-	-	-	-	-	-	-
12	Energy Delivery Florida	-	-	-	-	-	-	-	-
13	Nuclear Generation	-	-	-	-	-	-	-	-
14	Transmission	-	-	-	-	-	-	-	-
15	Total O&M Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Jurisdictional Factor (A&G)	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670
17	Jurisdictional Factor (Distribution)	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597
18	Jurisdictional Factor (Nuclear - Production - Base)	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753
19	Jurisdictional Factor (Transmission)	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)	-	-	-	-	-	-	-	-
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line 18)	-	-	-	-	-	-	-	-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Total Jurisdictional Recoverable O&M Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Total Jurisdictional O&M Costs From Most Recent Projection	-	-	-	-	-	-	-	-
26	Difference (Line 24 - 25)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up to Original: Annual Expenditures**

[Section (5)(c)1.b.]

[Section (8)(d)]

Schedule TOR-6

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide the actual to date and projected monthly expenditures by major tasks performed within Site Selection, Preconstruction and Construction categories for the duration of the project.
All Site Selection costs also included in Pre-Construction costs must be identified.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2008

DOCKET NO.: 080119 - EI

Witness: Lori Cross

Line No.	Description	(A) Actual 2006	(B) Actual 2007	(C) Actual/Projected 2008	(D) Projected 2009	(E) Projected 2010	(F) Projected 2011	(G) Projected 2012	(H) Project Total
1	Site Selection:								
2									
3									
4	Pre-Construction:								
5	Generation:								
6	License Application	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Engineering, Design & Procurement	-	-	-	-	-	-	-	-
8	Permitting	-	-	-	-	-	-	-	-
9	Clearing, Grading and Excavation	-	-	-	-	-	-	-	-
10	On-Site Construction Facilities	-	-	-	-	-	-	-	-
11	Total Generation Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Less Adjustments:								
13	Non Cash Accruals	-	-	-	-	-	-	-	-
14	Other	-	-	-	-	-	-	-	-
15	Net Generation Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Jurisdictional Factor	0.93753	0.93753	0.93753	0.93753	1.93753	2.93753	3.93753	4.93753
17	Total Jurisdictional Generation Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18									
19									
20	Transmission:								
21	Line Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	Substation Engineering and Procurement	-	-	-	-	-	-	-	-
23	Real Estate Acquisitions	-	-	-	-	-	-	-	-
24	Clearing	-	-	-	-	-	-	-	-
25	Other	-	-	-	-	-	-	-	-
26	Total Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27	Less Adjustments:								
28	Non Cash Accruals	-	-	-	-	-	-	-	-
29	Other	-	-	-	-	-	-	-	-
30	Net Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31	Jurisdictional Factor	0.70597	0.70597	0.70597	0.70597	1.70597	2.70597	3.70597	4.70597
32	Total Jurisdictional Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33									
34	Total Jurisdictional Preconstruction Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35									
36									
37	Construction:								
38	Generation:								
39	Real Estate Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Project Management	132,657	2,320,617	9,430,715	21,577,271	9,205,355	15,833,895	585,795	59,086,306
41	License Application	-	-	-	-	-	-	-	-
42	Engineering, Design & Procurement	-	-	-	-	-	-	-	-
43	Permitting	-	-	-	-	-	-	-	-
44	Permanent Staff/Training	-	-	-	-	-	-	-	-
45	Site Preparation	-	-	-	-	-	-	-	-
46	On-Site Construction Facilities	-	-	-	-	-	-	-	-
47	Power Block Engineering, Procurement, etc.	2,167,016	36,200,299	58,185,056	85,490,257	56,794,645	62,734,705	3,614,205	305,186,182
48	Non-Power Block Engineering, Procurement, etc.	-	-	-	-	-	-	-	-
49	Total Generation Costs	\$ 2,299,673	\$ 38,520,916	\$ 67,615,770	\$ 107,067,528	\$ 66,000,000	\$ 78,568,600	\$ 4,200,000	\$ 364,272,488
50	Less Adjustments:								
51	Non Cash Accruals	\$ 2,153,450	1,109,190	8,926,986	3,034,532	(8,706,927)	(5,149,832)	-	\$ 1,367,399
52	Other	\$ 189,019	3,133,543	5,531,345	8,800,308	\$ 424,804	6,457,868	345,215	\$ 29,882,102
53	Net Generation Costs	\$ (42,796)	\$ 34,278,163	\$ 53,157,440	\$ 95,232,688	\$ 68,282,123	\$ 77,260,564	\$ 3,854,785	\$ 333,022,987
54	Jurisdictional Factor	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753
55	Total Jurisdictional Generation Costs	\$ (40,123)	\$ 32,136,825	\$ 49,836,695	\$ 89,283,502	\$ 64,954,069	\$ 72,434,097	\$ 3,613,977	\$ 312,219,041
56									
57									
58	Transmission:								
59	Line Engineering	-	-	-	-	-	-	-	-
60	Substation Engineering	-	-	-	-	-	-	-	-
61	Real Estate Acquisition	-	-	-	-	-	-	-	-
62	Line Construction	-	-	-	-	-	-	-	-
63	Substation Construction	-	-	-	-	-	-	-	-
64	Other	-	-	-	-	-	-	-	-
65	Total Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
66	Less Adjustments:								
67	Non Cash Accruals	-	-	-	-	-	-	-	-
68	Other	-	-	-	-	-	-	-	-
69	Net Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
70	Jurisdictional Factor	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
71	Total Jurisdictional Transmission Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
72									
73	Total Jurisdictional Construction Costs	\$ (40,123)	\$ 32,136,825	\$ 49,836,695	\$ 89,283,502	\$ 64,954,069	\$ 72,434,097	\$ 3,613,977	\$ 312,219,041
74									

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up to Original: Annual Expenditures**

[Section (5)(c)1.a.]

[Section (8)(d)]

Schedule TOR-6A

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a description of the major tasks performed within Site Selection, Preconstruction and Construction categories for the duration of the project. Information provided is the best available at the time of filing.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2008

DOCKET NO.: 080119 - EI

Witness: Lori Cross

Line No.	Major Task	Description - Includes, but not limited to:
1	Pre-Construction:	
2	Generation:	
3	License Application	Detailed on-site characterization for geological and environmental analysis, NRC Review fees, transmission deliverability analysis, etc.
4	Engineering, Design & Procurement	Engineering & Design associated with the Site Layout, Procuring of the Power Block and Non-Power Block facilities.
5	Permitting	Obtain required permits for new plant (i.e. site certification permits, environmental permits, etc.)
6	Clearing, Grading and Excavation	Clearing, grading, excavation, backfill, onsite disposal, drainage and erosion control. Construction park lots, laydown areas and access roads.
7	On-Site Construction Facilities	includes the installation of warehouses necessary during construction (electrical shop, carpenter shops, etc.), construction power and lighting.
8		
9	Transmission:	
10	Line Engineering	Internal engineering labor, contracted engineering labor, survey and all other costs associated with engineering transmission lines.
11	Substation Engineering and Procurement	Internal engineering labor, contracted engineering labor and all other costs associated with substation procurement and protection and control (relay) engineering.
12	Real Estate Acquisition	Land, route siting, survey, appraisal, title commitments, acquisition, permitting, eminent domain support and ordinance review costs.
13	Clearing	Contracted costs associated with clearing acquired ROW for the construction of transmission lines, costs associated with building access roads to the ROW to ensure access for construction, operating and maintenance of transmission lines.
14		
15	Other	Project Management, overhead costs and other miscellaneous costs associated with transmission pre-construction.
16		
17	Construction:	
18	Generation:	
19	Real Estate Acquisition	Land, Survey, Legal fees and commissions.
20	Project Management	Management oversight of construction, including, but not limited to engineering, quality assurance, field support and contract services.
21	License Application	Detailed on-site characterization for geological and environmental analysis, NRC Review fees, transmission deliverability analysis, etc.
22	Engineering, Design & Procurement	Engineering & Design associated with the Site Layout, Procuring of the Power Block and Non-Power Block facilities.
23	Permitting	Obtain required permits for new plant (i.e. site certification permits, environmental permits, etc.)
24	Permanent Staff/Training	Obtain and train qualified staff by Fuel Load date.
25	Site Preparation	Design and construction of plant site preparations to support fabrication and construction. Remedial work for plant foundation and foundation substrata.
26	On-Site Construction Facilities	includes the installation of warehouses necessary during construction (electrical shop, carpenter shops, etc.), construction power and lighting.
27	Power Block Engineering, Procurement, etc.	The cost of constructing and procuring the nuclear power block (reactor vessel, containment vessel, cooling towers, etc.)
28	Non-Power Block Engineering, Procurement, etc.	Site permanent structures and facilities outside the Power Block, including structural, electrical, mechanical, civil and security items. (Admin building, Training center, Security towers, Switchyard, Roads, Railroad, Barge facility, etc.)
29		
30		
31	Transmission:	
32	Line Engineering	See description on Line 10.
33	Substation Engineering	See description on Line 11.
34	Real Estate Acquisition	Land, route siting, survey, appraisal, title commitments, acquisition, permitting, eminent domain support and ordinance review costs.
35	Line Construction	Contracted construction labor, structures and materials, equipment and all other costs associated with construction of transmission lines.
36	Substation Construction	Contracted construction labor, structures and materials, equipment and all other costs associated with substation and protection and control (relay) construction.
37	Other	See description on Line 14.

**Crystal River Unit 3 Uprate
Power Plant Milestones**

Schedule TOR-7

[Section (5)(c)(5)]

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide initial project milestones in terms of costs,
budget levels, initiation dates and completion dates.

COMPANY: PROGRESS ENERGY - FL

Provide all revised milestones and reasons for each revision.

For the Period 1/1/2006 through 12/31/2012

DOCKET NO.: 080119 - EI

Witness: Daniel Roderick

	Initial Milestones (See Note 1 & 2)	Revised Milestones (See Note 1)	Reasons for Variance(s)
Licensing/Permits/Authorizations/Legal	0.0		
Site/Site Preparation			
Related Facilities			
Point of Discharge	49.5	42.7	
Generation Plant			
Phase 1 - includes expenditures through 2009		205.7	
Phase 2 - includes expenditures through 2012		115.9	
			Original estimate was developed using best available information. Since then, the Company has continued to conduct necessary engineering studies and that analysis Identified additional plant modifications necessary to achieve the power uprate. Additionally, some contract bids have come in higher than originally estimated due to higher
Total	287.5	321.6	labor costs.
			After transmission study was completed, PEF determined that no changes were necessary as
Transmission Facilities	102.4	0.0	result of power uprate.
Total Project Costs	439.3	364.3	

1) These costs represent projected capital expenditures exclusive of AFUDC

2) Initial milestone costs are based on estimates provided in CR3 Power Uprate Need proceeding, Docket # 060642-EI. These numbers have been increased by 15% for indirect costs to make them comparable to the revised milestone amounts which also include the indirect costs.