## OR/G/NALI

# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION 

DOCKET NO. 000007-EI<br>FLORIDA POWER \& LIGHT COMPANY

APRIL 3, 2000
ENVIRONMENTAL COST RECOVERY

# FINAL TRUE-UP <br> JANUARY 1999 THROUGH DECEMBER 1999 

## TESTIMONY \& EXHIBITS OF:

K. M. DUBIN

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION FLORIDA POWER \& LIGHT COMPANY TESTIMONY OF KOREL M. DUBIN DOCKET NO. 000007-EI APRIL 3, 2000
Q. Please state your name and address.
A. My name is Korel M. Dubin and my business address is 9250 West Flagler Street, Miami, Florida, 33174.
Q. By whom are you employed and in what capacity?
A. I am employed by Florida Power \& Light Company (FPL) as the Manager of Regulatory Issues in the Rates and Tariffs Department.
Q. Have you previously testified in this docket?
A. Yes, I have.
Q. What is the purpose of your testimony?
A. The purpose of my testimony is to present for Commission review and approval the Environmental Compliance True-Up Costs associated with FPL Environmental Compliance activities for the period January 1999 through December 1999, to be carried forward to the January 2001
through December 2001 period.
Q. Have you prepared or caused to be prepared under your direction, supervision or control an exhibit in this proceeding?
A. Yes, I have. It consists of eight forms. Form 42-1A reflects the final trueup to be carried forward to the January 2001 through December 2001 period. Form 42-2A consists of the final true-up calculation for the period. Form 42-3A consists of the calculation of the Interest Provision for the period. Form 42-4A reflects the calculation of variances between actual and estimated/actual costs for O\&M Activities. Form 42-5A presents a summary of actual monthly costs for the period for O\&M Activities. Form 42-6A reflects the calculation of variances between actual and estimated/actual costs for Capital Investment Projects. Form 42-7A presents a summary of actual monthly costs for the period for Capital Investment Projects. Form 42-8A consists of the calculation of depreciation expense and return on capital investment.
Q. What is the source of the data which you will present by way of testimony or exhibits in this proceeding?
A. Unless otherwise indicated, the actual data is taken from the books and records of FPL. The books and records are kept in the regular course of our business in accordance with generally accepted accounting principles and practices, and provisions of the Uniform System of Accounts as
prescribed by this Commission.
Q. What is the final true-up amount which FPL is requesting for the twelve-month period January 1999 through December $1999 ?$
A. FPL has calculated and is requesting approval of an overrecovery of $\$ 1,801,104$ for the twelve-month period. This amount is shown on Form 42-1A, line 3.
Q. What is the net true-up amount adjusted for previous estimates which FPL is requesting for the January 1999 through December 1999 period which is to be carried over and refunded in the January 2001 through December 2001 period?
A. FPL has calculated and is requesting approval of an overrecovery of $\$ 1,644,089$ as the adjusted net true-up amount for the twelve-month period. This amount is shown on Form 42-1A, line 7.
Q. Is this true-up calculation consistent with the true-up methodology used for the other cost recovery clauses?
A. Yes, it is. The calculation of the true-up amount follows the procedures established by the Commission as set forth on Commission Schedule A-2 "Calculation of the True-Up and Interest Provisions" for the Fuel Cost Recovery Clause.

## Q. Are all costs listed in Forms 42-4A through 42-8A attributable to Environmental Compliance projects approved by the Commission?

A. Yes, they are.
Q. How did actual expenditures for January 1999 through December 1999 compare with FPL's estimated/actual projections as presented in previous testimony and exhibits?
A. Form 42-4A shows that total O\&M project costs were $\$ 1,345,586$ or $10.4 \%$ lower than projected and Form 42-6A shows that total capital investment project costs were $\$ 50,077$ or $0.8 \%$ higher than projected. Following are variance explanations for those $\mathrm{O} \& \mathrm{M}$ Projects and Capital Investment Projects with significant variances. Individual project variances are provided on Forms 42-4A and 42-6A. Return on Capital Investment, Depreciation and Taxes for each project for the estimated/actual period January 1999 through December 1999 are provided as Form 42-8A.

## 1. Continuous Emission Monitoring Systems (CEMS) - O \& M

 Project expenditures were $\$ 14,963$ less than anticipated or a $1.3 \%$ variance. Two significant events delayed implementation of CEMS software updates in 1999. A delay in the publication of the final EPA rule (from winter 98 until May 99) affected the project schedule for implementing fuel monitoring improvements (the Appendix D Conversion project) and code writing needed to meet new electronic data reporting (the EDR 2.1 project)requirements for the spring of 2000 . In addition, the software company providing the data acquisition system to FPL (EC Systems) was sold to KVB-Enertec causing a turnover of personnel and products which slowed development at the end of 1999. The combination of these delays has moved the completion of this work to the year 2000.

## 2. Maintenance of Stationary Above Ground Fuel Storage Tanks - O\&M

Project expenditures were $\$ 132,603$ less than anticipated or an $8.1 \%$ variance. This variance is associated with two projects. The light oil valve cover installations at several sites required fewer hours to perform than originally estimated. At one site the valve cover installation was rescheduled to the year 2000, since the valve was not yet installed. The contractor bid for the insulation removal and coating work on the Manatee Plant Metering Tank was lower than the project estimate.

## 3. Oil Spill Cleanup/Response Equipment - O\&M

Project expenditures were $\$ 10,196$ more than projected or a $4.4 \%$ variance. This variance is due to increased maintenance costs associated with 1) conditioning of new response boats and recovery equipment, 2) unforeseen maintenance on older recovery equipment, and 3) additional required safety equipment for new response boats.

| $=$ | 1 | 4. Substation Pollutant Discharge Prevention \& Removal - |
| :---: | :---: | :---: |
|  | 2 | Distribution - O\&M |
|  | 3 | Project expenditures were $\$ 65,618$ more than projected, which represents |
| $=$ | 4 | a $1.9 \%$ variance. The original projection could not account for the effect |
|  | 5 | of two hurricanes and one major storm that occurred during the August - |
|  | 6 | October time frame. Extensive storm restoration activities limited the ability |
| $=$ | 7 | to work on the transmission part of the project (see explanation for project |
|  | 8 | 19b). To maximize contractor utilization, resources were redirected to |
|  | 9 | Distribution, generating additional expenses in 1999 for this part of the |
| $=$ | 10 | project. Total project costs are not expected to change due to this |
|  | 11 | variance. |
|  | 12 |  |
| $=$ | 13 | 5. Substation Pollutant Discharge Prevention \& Removal |
|  | 14 | Transmission-O\&M |
|  | 15 | Project expenditures were $\$ 1,044,649$ less than projected, which |
| $=$ | 16 | represents a $60.6 \%$ variance. The original projection could not account for |
|  | 17 | the effect of two hurricanes and one major storm that occurred during the |
|  | 18 | August - October time frame. The project requires de-energizing and |
| $=$ | 19 | taking equipment out of service, thereby shutting down part of the electrica |
|  | 20 | grid. The system was already constrained due to storm damage and |
|  | 21 | continuing with the project would have further burdened the system and |
| $=$ | 22 | affected reliability. Three months of planned work on this project was |
|  | 23 | postponed and the majority of available FPL and contractor personnel were |

redirected to restoration activities. Total project costs are not expected to change due to this variance.

## 6. Wastewater Discharge Elimination \& Reuse- O\&M

Project expenditures were $\$ 233,099$ less than anticipated or a $9.2 \%$ variance. The treatment and recycling of stormwater for boiler make-up (high purity water which is used to make steam in the boiler) at our Putnam Plant was not feasible. After conducting laboratory testing of the stormwater, it was determined that the purification system that was originally proposed by the water treatment vendor would not be adequate. The water treatment vendor could not readily suggest a workable alternative to the original proposal. FPL instead installed piping at Putnam Plant to recycle stormwater by sending it to the cooling tower, at a substantially reduced cost. In addition, at the Cape Canaveral Plant, the cost of modifications to the water treatment system for boiler blowdown reuse was lower than expected. Boiler blowdown is water used to generate steam in the boiler that is no longer pure enough to continue to be used for that purpose.

## 7. Continuous Emission Monitoring System (CEMS) - Capital

 The variance of $\$ 49,596$ or $2.4 \%$ higher than projections is due to adjustments made to depreciation/amortization for calculations by inservice year and to adjust items pursuant to Order No. PSC-99-2513-FOFEl.17 Q. Does this conclude your testimony?
18 A. Yes, it does.

## Horida Power \& Light Company

## Enviroamental Coet Recovery Clause

Calculation of the Final Trwe-up for the 12 Moath Period
January through December 1999

## Line <br> No.

1 Over/(Under) Recovery for the Current Period (Form 42-2A Page 2 of 2, Lise 5)
$\mathbf{\$ 1 , 6 4 5 , 3 8 5}$

155,719

## Total

4 Eatinuted/Actual Over/(Under) Recovery for the Same Period
336,76
5 Interest Provision
120.269

6
Total
$\mathbf{\$ 1 5 7 , 0 1 5}$.

- 7 Net True-Up for the period
- Per Order Na. PSC-99-2513-FOF-EI

Florida Power \& Light Company
Environmental Cost Recovery Clause
Calculation of the Final True-up Amount for the Period January through December 1999

Line
No.
1 ECRC Revenues (net of Revenue Taxes)
2 True-up Provision (Order No. PSC-98-1764-FOF-EI)
3 ECRC Revenues Applicable to Period (Lines $1+2$ )
4 Jurisdictional ECRC Costs
a - O\&M Activitles (Form 42-5A, Llen 9)
b - Capital Investment Projects (Form 42-7A, Line 9)
c. Total Jurisdictional ECRC Costs

5 Overf(Under) Recovery (Line 3 - Line 4c)
6 Interest Provision (Form 42-3A, LIne 10)
7 Beginning Balance True.Up \& Interest Provision
a - Deferred True-Up from Oct 1997 to Dec 1998 (Form 42-1A, LIne 15, filed Apri 1,1999 )

8 True-Up Collected /(Refunded) (See Line 2)
9 End of Period True-Up (Lines 5+6+7+7a+8)
10 Adjustments to Period Total True-Up Including Interest
11 End of Period Total Net True-Up (LInes 9+10)

| January | February | March | Aprll | May | June |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$1,398,399 | \$1,182,115 | \$1,157,418 | \$1,257,480 | \$1,377,995 | \$1,493,122 |
| 208,736 | 208,736 | 208,736 | 208,736 | 208,736 | 208,736 |
| 1,607,135 | 1,390,851 | 1,366,153 | 7,466,216 | 1,586,731 | 1,701,857 |
| $\begin{array}{r} 387,446 \\ 559,954 \\ \hline \end{array}$ | $\begin{aligned} & 494,105 \\ & 540,347 \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,511,057 \\ 544,974 \\ \hline \end{array}$ | $\begin{array}{r} 1,137,611 \\ 549,912 \\ \hline \end{array}$ | $\begin{aligned} & 480,949 \\ & 545,805 \end{aligned}$ | $\begin{aligned} & 977,411 \\ & 543,474 \end{aligned}$ |
| 947,400 | 1,034,452 | 3,056,031 | 1,687,523 | 1,026,754 | 1,520,885 |
| 659,735 | 356,399 | $(1,689,878)$ | $(221,308)$ | 559,977 | 180,972 |
| 13,790 | 14,979 | 11,599 | 6,890 | 6.738 | 7,608 |
| 2,504,826 | 2,969,615 | 3,132,257 | 1,245,243 | 822,090 | 1,180,069 |
| 678,159 | 678,159 | 678,159 | 678,459 | 678,159 | 678,159 |
| $(208,736)$ | $(208,736)$ | $(208,736)$ | $(208,736)$ | $(208,736)$ | $(208,736)$ |
| 3,647,774 | 3,810,416 | 1,923,402 | 1,500,249 | 1,858,228 | 1,838,073 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| \$3,647,774 | \$3,810,416 | \$1,923,402 | \$1,500,249 | \$1,858,228 | \$1,838,073 |

[^0]| July | August | September | October | November | December | End of Perlod Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$1,604,202 | \$1,770,381 | \$1,732,616 | \$1,532,900 | \$1,321,418 | \$1,282,825 | \$17,110,871 |
| 208,736 | 208,736 | 208,736 | 208.736 | 208,736 | 208,736 | 2,504,826 |
| 1,812,838 | 1,979,117 | 1,941,352 | 1,741,636 | 1,530,153 | 1,491,561 | 19,615,697 |
| $\begin{aligned} & 336,427 \\ & 539,815 \\ & \hline \end{aligned}$ | $\begin{aligned} & 507,779 \\ & 542,809 \\ & \hline \end{aligned}$ | $\begin{aligned} & 529,802 \\ & 543,255 \\ & \hline \end{aligned}$ | $\begin{aligned} & 459,934 \\ & 541,255 \\ & \hline \end{aligned}$ | $\begin{aligned} & 696,014 \\ & 539,334 \\ & \hline \end{aligned}$ | $\begin{array}{r} 2,881,544 \\ 599,299 \\ \hline \end{array}$ | $\begin{array}{r} 11,380,079 \\ 6,590,233 \\ \hline \end{array}$ |
| 876,242 | 1,050,588 | 1,073,057 | 1,001,189 | 1,235,348 | 3,460,843 | 17,970,312 |
| 936,696 | 928,529 | 868,295 | 740.447 | 294,805 | $(1,969,283)$ | 1,645,385 |
| 9,313 | 12,744 | 16,097 | 18.768 | 20,692 | 16,501 | 155,719 |
| 1,159,914 | 1,897,187 | 2,629,724 | 3,305,380 | 3,855,859 | 3,962,621 | 2,504,826 |
| 678,159 | 678,159 | 678,159 | 678,159 | 678,159 | 678,159 | 678,159 |
| $(208,736)$ | $(208,736)$ | $(208,736)$ | $(208,736)$ | $(208,736)$ | $(208,736)$ | $(2,504,826)$ |
| 2,575,346 | 3,307,883 | 3,983,539 | 4,534,018 | 4,840,780 | 2,479,263 | 2,479,263 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \$2,575,346 | \$3,307,883 | \$3,983,539 | \$4,534,018 | \$4,640,780 | \$2,479,263 | \$2,479,263 |

Florlda Power \& Light Company
Environmental Cost Recovery Clause
Calculation of the Final True-up Amount for the Perlod
January through December 1999
Interest Provision (In Doltars)

| $\begin{aligned} & \text { LIne } \\ & \text { No. } \end{aligned}$ |  |
| :---: | :---: |
| 1 | Beginning True-Up Amount (Form 42-2A, LInes $7+7 \mathrm{a}+10$ ) |
| 2 | Ending True-Up Amount before Interest (Line 1 + Form 42-2A, Lines $5+8$ ) |
| 3 | Total of Beginning \& Ending True-Up (LInes $1+2$ ) |
| 4 | Average True-Up Amount (LIne $3 \times 1 / 2$ ) |
| 5 | Interest Rate (FIrst Day of Reporting Month) |
| 6 | Interest Rate (First Day of Subsequent Month) |
| 7 | Total of Beginning \% Ending Interest Rates (Lines 5 + 6) |
| 8 | Average Interest Rate (LIne $7 \times 1 / \mathbf{2}$ ) |
| 9 | Monthly Average Interest Rate (Line $8 \times 1 / 12$ ) |
| 10 | Interest Provision for the Month (Line $4 \times$ Line 9) |


| January | February | March | Aprll | May | June |
| ---: | ---: | ---: | ---: | ---: | ---: |
| $\$ 3,182,985$ | $\$ 3,647,774$ | $\$ 3,810,416$ | $\$ 1,923,402$ | $\$ 1,500,249$ | $\$ 1,858,228$ |
| $3,633,984$ | $3,795,437$ | $1,911,803$ | $1,493,359$ | $1,851,490$ | $1,830,465$ |
|  |  |  |  |  |  |
| $\$ 6,816,969$ | $\$ 7,443,211$ | $\$ 5,722,219$ | $\$ 3,418,761$ | $\$ 3,351,739$ | $\$ 3,688,693$ |
| $\$ 3,408,485$ | $\$ 3,721,606$ | $\$ 2,861,110$ | $\$ 1,708,381$ | $\$ 1,675,870$ | $\$ 1,844,347$ |
| $4.90000 \%$ | $4.81000 \%$ | $4.85000 \%$ | $4.88000 \%$ | $4.80000 \%$ | $4.85000 \%$ |
| $4.81000 \%$ | $4.85000 \%$ | $4.88000 \%$ | $4.80000 \%$ | $4.85000 \%$ | $5.05000 \%$ |
| $9.71000 \%$ | $9.66000 \%$ | $9.73000 \%$ | $9.68000 \%$ | $9.65000 \%$ | $9.90000 \%$ |
| $4.85500 \%$ | $4.83000 \%$ | $4.86500 \%$ | $4.84000 \%$ | $4.82500 \%$ | $4.95000 \%$ |
| $0.40458 \%$ | $0.40250 \%$ | $0.40542 \%$ | $0.40333 \%$ | $0.40208 \%$ | $0.41250 \%$ |
|  |  |  |  |  |  |

[^1]| July | August | Septomber | October | November | December | End of Perlod Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$1,838,073 | \$2,575,346 | \$3,307,883 | \$3,983,539 | \$4,534,018 | \$4,640,780 | \$36,802,693 |
| 2,566,033 | 3,295,139 | 3,967.442 | 4.515.250 | 4,620,088 | 2,462,762 | 35,943,252 |
| \$4,404,106 | \$5,870,485 | \$7,275,325 | \$8,498,789 | \$9,154,106 | \$7,103,542 | \$72,745,945 |
| \$2,202,053 | \$2,935,243 | \$3,637,663 | \$4,249,395 | \$4,577,053 | \$3,551,771 | \$36,372,973 |
| 5.05000\% | 5.10000\% | 5.32000\% | 5.30000\% | 5.30000\% | 5.55000\% | N/A |
| 5.10000\% | 5.32000\% | 5.30000\% | 5.30000\% | 5.55000\% | 5.60000\% | N/A |
| 10.15000\% | 10.42000\% | 10.62000\% | 10.60000\% | 10.85000\% | 11.15000\% | N/A |
| 5.07500\% | 5.21000\% | 5.31000\% | 5.30000\% | 5.42500\% | 5.57500\% | N/A |
| 0.42292\% | 0.43417\% | 0.44250\% | 0.44167\% | 0.45208\% | 0.46458\% | N/A |
| \$9,313 | \$12,744 | \$16,097 | \$18,768 | \$20,692 | \$16,501 | \$155,719 |

## Florida Power \& Light Company

Environmental Cost Recovery Clause Calculation of the Final True-Up Amount for the Period

January 1999 - December 1999

## Variance Report of O\&M Activities

(in Dollars)

| Line | (1) | (2) <br> Estimated | (3) Varian | (4) |
| :---: | :---: | :---: | :---: | :---: |
|  | Actual | Actual | Amount | Percent |
| 1 Description of O\&M Activities |  |  |  |  |
| 1 Air Operating Permit Fees-O8M | \$2,051,543 | \$2,048,410 | \$3,133 | 0.2\% |
| 3a Continuous Emission Monitoring Systems-O\&M | \$1,140,030 | \$1,154,993 | (\$14,963) | -1.3\% |
| 4a Clean Closure Equivalency-O\&M | \$0 | \$0 | \$0 | 0.0\% |
| 5a Maintenance of Stationary Above Ground Fuel Storage Tanks-O\&M | \$1,512,544 | \$1,645,147 | $(\$ 132,603)$ | -8.1\% |
| 8a Oil Spill Cleanup/Response Equipment-O\&M | \$239,486 | \$229,290 | \$10,196 | 4.4\% |
| 13 RCRA Corrective Action-O\&M | \$251,061 | \$251,444 | (\$383) | -0.2\% |
| 14 NPDES Permit Fees-O\&M | \$112,900 | \$112,900 | \$0 | 0.0\% |
| 17a Disposal of Noncontainerized Liquid Waste-O8M | \$300,963 | \$299,799 | \$1,164 | 0.4\% |
| 19a Substation Pollutant Discharge Prevention \& | \$3,563,239 | \$3,497,621 | \$65,618 | 1.9\% |
| Removal - Distribution - O8M |  |  |  |  |
| 19b Substation Pollutant Discharge Prevention \& | \$679,097 | \$1,723,746 | (\$1,044,649) | -60.6\% |
| Removal - Transmission - O\&M |  |  |  |  |
| 19c Substation Pollutant Discharge Prevention \& | $(\$ 560,232)$ | $(\$ 560,232)$ | \$0 | 0.0\% |
| Removal - Costs Included in Base Rates |  |  |  |  |
| 20 Wastewater Discharge Elimination \& Reuse | \$2,298,347 | \$2,531,446 | $(\$ 233,099)$ | -9.2\% |
| 2 Total O\&M Activities | \$11,588,978 | \$12,934,564 | (\$1,345,586) | -10.4\% |
| 3 Recoverable Costs Allocated to Energy | \$3,762,713 | \$3,843,540 | $(580,827)$ | -2.1\% |
| 4a Recoverable Costs Allocated to CP Demand | \$4,543,142 | \$5,873,519 | (\$1,330,377) | -22.7\% |
| 4b Recoverable Costs Allocated to GCP Demand | \$3,283,123 | \$3,217,505 | \$65,618 | 2.0\% |
| Notes: |  |  |  |  |
| Column(1) is the End of Period Totals on Form 42-5A |  |  |  |  |
| Column(2) is the approved projected amount in accordance with FPSC Order No. PSC-99-2513-FOF-EI |  |  |  |  |
| Column(3) $=$ Column(1) - Column $(2)$ |  |  |  |  |
| Column(4) $=$ Column(3) $/$ Column(2) |  |  |  |  |



Notes:
(A) Line $3 \times$ Line 5
(B) Line 4ax Line 6a
(C) Line $4 b \times$ Line $6 b$

Totals may not tie due to rounding.


## Florida Power \& Light Company <br> Environmental Cost Recovery Clause Calcuiation of the Final True-Up Amount for the Period January 1999 - December 1999 <br> Variance Report of Capital Investment Projects-Recoverable Costs (in Dollars)



## Notes:

Column(1) is the End of Period Totals on Form 42-7A
Column(2) is the approved projected amount in accordance with
FPSC Order No. PSC-99-2513-FOF-EI
Column(3) $=$ Column $(1)-$ Column $(2)$
Column(4) $=$ Column(3) $/$ Column(2)

## Florida Power \& Light Company

Environmental Cost Recovery Clause
Calculation of the Final True-Up Amount for the Period
January 1999 - December 1999

|  | Capital Investment Projects-Recoverable Costs (in Dollars) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line |  | Actual JAN |  | Actual FEB |  | Actual MAR |  | Actual APR |  | Actual MAY |  | Actual JUN |  | 6-Month Sub-Total |
| 1 Description of Investment Projects (A) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 Low NOx Burner Technology-Capital |  | \$236,232 |  | \$235,210 |  | \$234,188 |  | \$229,828 |  | \$225,901 |  | \$224,932 |  | \$1,386,291 |
| 3b Continuous Emission Monitoring Systems-Capital |  | 167,544 |  | 166,923 |  | 172,104 |  | 174,819 |  | 171,770 |  | 170,696 |  | 1,023,856 |
| 4b Clean Closure Equivalency-Capital |  | 669 |  | 667 |  | 665 |  | 651 |  | 639 |  | 636 |  | 3,927 |
| 5b Maintenance of Stationary Above Ground Fuel Storage Tanks-Capital |  | 130,220 |  | 131,677 |  | 132,335 |  | 134,010 |  | 134,900 |  | 134,717 |  | 797,859 |
| 7 Relocate Turbine Lube Oil Underground Piping to Above Ground-Capital |  | 376 |  | 375 |  | 373 |  | 366 |  | 359 |  | 358 |  | 2,207 |
| 8b Oil Spill Cleanup/Response Equipment-Capital |  | $(2,005)$ |  | 9,714 |  | 9,663 |  | 14,681 |  | 16,623 |  | 16,548 |  | 65,224 |
| 10 Relocate Storm Water Runoff-Capital |  | 1,244 |  | 1,241 |  | 1,238 |  | 1,210 |  | 1,184 |  | 1,182 |  | 7,299 |
| NA SO2 Allowances-Negative Return on Investment |  | $(12,563)$ |  | $(12,563)$ |  | $(12,563)$ |  | $(12,217)$ |  | $(11,910)$ |  | $(11,910)$ |  | $(73,726)$ |
| 12 Scherer Discharge Pipeline-Capital |  | 9,710 |  | 9,682 |  | 9,655 |  | 9,445 |  | 9,258 |  | 9,232 |  | 56,982 |
| 17 Disposal of NonContainerized Liquid Waste-Capital |  | 37,555 |  | 6,075 |  | 6,040 |  | 5,945 |  | 5,859 |  | 5,826 |  | 67,300 |
| 2 Total Investment Projects - Recoverable Costs | \$ | 568,982 | \$ | 549,001 | \$ | 553,698 | \$ | 558,738 | \$ | 554,583 | \$ | 552,217 |  | \$3,337,219 |
| 3 Recoverable Costs Allocated to Energy | \$ | 404,888 | \$ | 401,834 | \$ | 406,034 | \$ | 405,223 | \$ | 398,747 | \$ | 396,679 | \$ | 2,413,405 |
| 4 Recoverable Costs Allocated to Demand | \$ | 164,094 | \$ | 147,167 | \$ | 147,664 | \$ | 153,515 | \$ | 155,836 | \$ | 155,538 | \$ | 923,814 |
| 5 Retail Energy Jurisdictional Factor |  | 98.55968\% |  | 98.55968\% |  | 98.55968\% |  | 98.55968\% |  | 98.55968\% |  | 8.55968\% |  |  |
| 6 Retail Demand Jurisdictional Factor |  | 98.05241\% |  | 98.05241\% |  | 98.05241\% |  | 98.05241\% |  | 88.05241\% |  | 98.05241\% |  |  |
| 7 Jurisdictional Energy Recoverable Costs (B) | \$ | 399,056 | \$ | 396,046 | \$ | 400,186 | \$ | 399,386 | \$ | 393,004 | \$ | 390,966 | \$ | 2,378,645 |
| 8 Jurisdictional Demand Recoverable Costs (C) | \$ | 160,899 | \$ | 144,301 | \$ | 144,788 | \$ | 150,525 | \$ | 152,801 | \$ | 152,508 | \$ | 905,821 |

Burisdictional Demand Recoverabio Costs (C)
9 Total Jurisdictional Recoverable Costs for Investment Projects
$\begin{array}{llllllllllll}\$ 549,954 & 559,954 & \$ & 540,347 & \$ & 544,974 & \$ & 549,912 & \$ & 545,805 & \$ & 543,474\end{array} \$ 3,284,466$
Notes:
(A) Each project's Total System Recoverable Expenses on Form 42-8E, Line 9
(B) Line $3 \times$ Line 5
(C) Line $4 \times$ Line 6

Totals may not add due to rounding.

1 Description of Investment Projects (A)
2 Low NOx Burner Technology-Capltal
3b Continuous Emission Monitoring Systems-Capital
4b Clean Closure Equivalency-Capital
5b Maintenance of Stationary Above Ground Fuel Storage Tanks-Capital
7 Relocate Turbine Lube Oll Underground Piping
to Above Ground-Capital
8b Oll Splll Cleanup/Response Equipment-Capital
10 Relocate Storm Water Runoil-Capital
NA SO2 Allowances-Negative Return on Investment
12 Scherer Discharge Pipeline-Capital
17 Disposal of Noncontalnerized Llquid Waste-Capital
2 Total Investment Projects - Recoverable Costs
3 Recoverable Costs Allocated to Energy
4 Recoverable Costs Allocated to Demand
5 Retail Energy Jurisdictional Factor
6 Retall Demand Jurisdictional Factor
7 Jurisdictlonal Energy Recoverable Costs (B)
8 Jurisdictional Demand Recoverable Costs (C)
9 Total Jurisdictional Recoverable Costs for Investment Projects



Notes:
(A) Each profect's Total System Recoverable Expenses on Form 42-8E, Line 9
(B) Line $3 \times$ Line 5
(c) Une $4 \times$ Line 6

Totals may not add due to rounding.

```
Line
    1. Investments
        - Expenditures/Additions
        Clearings to Plant
        Retrements
    d. Olher (A)
```

    2. Plant-In-Service/Depreciation Base
    3. Less: Accumulated Depreclation (B)
    4. CWMP - Non Interest Bearing
    5. Net Investment (Lines 2-3+4)
    6. Average Nel invesiment
    7. Retum on Average Net Investment
        Equily Component grossed up for taxes (C)
    b. Debt Component (Line \(6 \times 3.2164 \% \times 1 / 12\)
    8. Investment Expenses
        . Depreciation (D)
        b. Amortization
    c. Dismantemen
    d. Property Expenses
    e. Other (E)
    9. Tolal Systern Recoverable Expenses (Lines 7 \& 8)

Notes:
(A) $N / A$
(B) NIA
(C) The gross-up factor for laxes uses 0.61425 , which reflects the Federal Income Tax Rate of $35 \%$; the Equity Component for January uhrough March 1999 is $4.7443 \%$ based on a Return on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-fOF-EI, Docket No. 930612 -Et. For May through Decomber 1899 the Equity Cormponent is $\mathbf{4 . 3 9 4 8 \%}$

(D) Depreciation expense is calculated using the appropriate site and account rales. Half month depreciation is calculated on additions closing to Pient in Service during the month. Depreciation and retum are calculated and recorded on a one month lag due to the timing of the month end closing. Amounts recorded and shown above apply to prior month activity
(E) N/A Notes:
(A) N/A
(B) N/A (A) $N / A$
(B) $N / A$
(C) The gross-up factor for taxes uses 0.61425 , which reflects the Federal Income Tax Rate of $\mathbf{3 5 \%}$; the Equity Component for January Itrough March $\mathbf{1 9 9 9}$ is $\mathbf{4 . 7 4 4 3 \%}$ based on a Retum on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC- $93-1024$-FOF-EI. Docket No. 930812 -EI. For May through December 1999 the Equity Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI. Docket No. 890067 -EI. For Aprt 1899 the Equlty Component is $4.5590 \%$ based on a welghted average ROE of $11.47 \%$.
(D) Depreciation expense is calculated using the appropriate site and account rates. Halt month depreciation is calculated on additions closing to Plant in Service during the month

Depreciation and return are calculated and recorded on a one month lag due to the liming of the month end closing. Amounts recorded and shown above apply to prior month activity.
(E) N/A

## Line Investments

a. Expenditures/Addilions
b. Clearings to Plant
c. Retirements
d. Other (A)
2. Plant-In-Service/Depreciation Base
3. Less: Accumulated Depreciation ( ${ }^{( }$)
4. CMP - Non Interest Bearing
5. Net Investment (Lines 2-3+4)
6. Average Net Investment
7. Relum on Average Net Investment
a. Equity Component grossed up for laxes (C)
b. Debt Component (Line $6 \times 3.2164 \% \times 1 / 12$ )
8. Investment Expenses
a. Depreciation (D)
b. Amorization
c. Dismentlement
d. Property Expenses
e. Other (E)
9. Total System Recoverable Expenses (Lines 7 \& 8)

| $\$ 167,544$ | $\$ 166,923$ | $\$ 472,104$ | $\$ 174,819$ |
| :--- | :--- | :--- | :--- | Notes:

(A) N/A
(B) N/A
(C) The gross-up factor for laxes uses 0.61425 , which reflects the Federal Income Tax Rate of 35\%; the Equity Component for January through March 1999 is $4.7443 \%$ based on a Return on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI. For May through December 1999 the Equity Componinht is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Dockel No. 990067-EI. For April 1999 the Equily Component is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$
(D) Depreciation expense is calculated using the appropriate site and account rates. Half month depreciation is celculated on addilions closing to Plant in Service during the monilh. Depreciation and return are calculated and recorded on a one month lag due to the timing of the month end closing. Amounts recorded and shown above apply to prior month activily.
(E) N/A

|  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Form 42-8A } \\ & \text { Page } 4 \text { of } 20 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Florida Power 2 Lloht Company <br> Environmental Cost Recovery Clause <br> For the Period July through December 1999 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Return on Capital Investments, Depreclation and Taxes Eor Prolect: Centinuous Emissions Monitoring (Prolect No, 3b) |  |  |  |  |  |  |  |  |  |
| (in Dollars) |  |  |  |  |  |  |  |  |  |
| Line |  | Beginning of Period Amount | July <br> Actual | August Actual | September Actual | October Actual | November Actual | December Actual | Twalve Month Amount |
| 1. Investments |  |  |  |  |  |  |  |  |  |
|  | a. Expendilures/Additions |  | 30 | \$0 | \$0 | so | 50 | \$0 | \$836,104 |
|  | b. Clearings to Plant |  |  |  |  |  |  |  |  |
|  | c. Retirements |  |  |  |  |  |  |  |  |
|  | d. Other (A) |  |  |  |  |  |  |  |  |
| 2. | Plant-In-Servica/Depreciation Base | \$14,341,234 | 14,341,234 | 14,341,234 | 14,341,234 | 14,341,234 | 14,341.234 | 14,341,234 | n/a |
| 3. | Less: Accurmulated Depredition (8) | 2,977.428 | 3,049,443 | 3,121,480 | 3,193,477 | 3,265,494 | 3,337.511 | 3,459,340 | n/a |
| 4. | CMP - Non interest Bearing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. | Net Investment (Lines 2-3+4) | \$11,363,800 | \$11,291,791 | \$11,219,774 | \$11.147,757 | \$11,075,740 | \$11,003,723 | \$10,881,894 | Na |
| 6. | Average Net Investment |  | 11,327.800 | 11,255,783 | 11,183,768 | 11,111,749 | 11,039.732 | 10.942.809 |  |
| 7. | Retum on Average Net investment |  |  |  |  |  |  |  |  |
|  | a. Equily Component grossed up for taxes (C) |  | 67,540 | 67.110 | 68,681 | 68,251 | 65,822 | 65,244 | 818,108 |
|  | b. Debt Component (Line $6 \times 3.2164 \% \times 1 / 12)$ |  | 30.362 | 30,169 | 29,976 | 29,783 | 29,590 | 29,330 | 360.042 |
| 8. | Investment Expenses |  |  |  |  |  |  |  |  |
|  | a. Depreciation (D) |  | 72.017 | 72,017 | 72.017 | 72,017 | 72,017 | 72,017 | 854,665 |
|  | b. Amortization |  |  |  |  |  |  |  |  |
|  | c. Dismantement |  |  |  |  |  |  |  |  |
|  | d. Property Expenses |  |  |  |  |  |  |  |  |
|  | e. Other (E) |  |  |  |  |  |  | 49,813 | 49,813 |
| 9. | Total System Recoverable Expenses (Lines 78 8) |  | \$169,919 | \$169,296 | \$168,674 | \$180,051 | \$167.429 | \$218,404 | \$2,083,629 |

Notes:
(A) N/A
(B) N/A
(C) The gross-up fector for taxes uses 0.61425 , which reflects the Federal Income Tax Rale of 35\%: the Equily Component for January through March 1999 is 4.7443\% based on a Retum on Equity (ROE) of $\mathbf{1 2 . 0 \%}$ per FPSC Order No. PSC.93-1024-FOF-EI, Docket No. 830812-Et. For May through December 1899 the Equity Component is $4.3918 k$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067 -EI. For April 1999 the Equity Component is $\mathbf{4 . 5 5 9 0 \%}$ based on a weighted average ROE of $\mathbf{1 1 . 4 7 \%}$.
(O) Depreciation expense is calculated using the appropriale site and account rates. Half month depredation is calculated on additions closing to Plant in Service during the month. Depreciation and retum are calculated and recorded on a one month lag due to the timing of the month end dosing. Amounts recorded and shown above apply to pror month activity.
(E) To adjust depreciationamortization for calculations by in-service year and/or to correct ilems found during the investigation made pursuant to the stipulation in Order No. PSC-99-2513-FOF-EI.

-. Total System Recoverable Expenses (Lines 7 \& 8)

Notes:
(A) N/A
(B) $\mathrm{N} / \mathrm{A}$
(C) The gross-up factor for taxes uses 0.81425 , which refiects the Federal income Tax Rate of 35\%; the Equily Componentifor January through March 1999 is $4.7443 \%$ based on a Retum on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. $\mathbf{9 3 0 8 1 2}$.EI. For May through December 1989 the Equily Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 99 Cock7-EI. For April 1999 the Equity Component is $4.5590 \%$ based on a welghted average ROE of $11.47 \%$.
(D) Depreciation expense is calculated using the appropriate site and account rates. Hall month depreciation is calculatec on additions closing to Plant in Service during the month. Depreciation and return are calculated and recorded on a one month lag due to the timing of the month end dosing. Amounts recorded and shown above apply to pror month activity
(E) N/A
Return on Capital Investments. Depreciation and Taxes
Eor Prolect: Clean Closure Equivalency (Proyect No, 4b)
(in Doliars)

| Beginning of Pertod Amount | July Actual | August Actuast | September Actual | October Actual | November Actual | Decarnber Actuat | Twolve Month |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| Line |  |
| :---: | :---: |
| 1. | Investments |
|  | a. Expendilures/Additions |
|  | b. Clearings to Plant |
|  | c. Retirements |
|  | d. Other (A) |
| 2. | Plant-f-Service/Deprecialion Basa |
| 3. | Less: Accumulated Depreciation (8) |
| 4. | CMMP - Non Interest Bearing |
| 5. | Nat livestment (Lines 2-3+4) |
| 6. | Average Nel Investment |
| 7. | Retum on Average Net Investrment |
|  | a. Equlty Component grossed up for taxes (C) |
|  | b. Debl Component (Lthe $8 \times 3.2164 \% \times 1 / 12)$ |


|  | so | so | \$0 | \$0 | so | 50 | so |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$58,866 | 58,866 | 58,866 | 58,866 | 58,868 | 58,686 | 58,866 | n/a |
| 13,621 | 13,865 | 14.109 | 14,354 | 14.598 | 14,842 | 15,087 | Na |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \$45,245 | \$45,001 | 544.757 | \$44.512 | \$44,268 | \$44,024 | \$43,779 | n/a |
|  | 45,123 | 44,879 | 44,635 | 44,390 | 44,146 | 43,902 |  |
|  | 269 | 268 | 268 | 285 | 263 | 282 | 3,313 |
|  | 121 | 120 | 120 | 119 | 118 | 118 | 1,455 |
|  | 244 | 244 | 244 | 244 | 244 | 244 | 2,932 |

a. Depreciation (D)
b. Amortization
c. Dismanllement
d. Property Expenses
-. Other (E)
9. Total Systern Recoverabte Expenses (Lines 7 \& 8)

## Notes:

(A) N/A
(8) N/A
(C) The

The gross-up factor for taxes uses 0.81425 , which refiects the Federal incoms Tax Rate of 35\%; the Equity Component for January through March 1999 is $\mathbf{4 . 7 4 4 3 \%}$ based on a Return on Equily (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-El, Docket No. 930612 .EI. For May through Decomber 1999 the Equity Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067 -EI. For April 1999 the Equily Component is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$.
(D) Depreciation expense is calculaled using the appropriate site and account rates. Half month depreciation is calculated on additions closing io Plant in Service during the month. Depreciation and relum are calculated and recorded on a one month lag due to the timing of the month end dosing. Amounts recorded and shown above apply to prior month activity.
(E) N/A


$\frac{\text { in Dollars) }}{\text { (ind }}$

| Beginning of Period Amount | $\begin{gathered} \text { July } \\ \text { Actual } \end{gathered}$ | August Actual | September Actual | October Actual | Novembor <br> Actual | $\begin{gathered} \text { December } \\ \text { Actual } \end{gathered}$ | Twelve Month Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (55,718) | \$748.425 | \$10,251 | (\$1.810) | \$23,538 | \$12.773 | \$2,027.013 |
| \$12,335,087 | 12,329,389 | 13,077,794 | 13.088.045 | 13.088,235 | 13,109.773 | 13.122,546 | N/a |
| 871,795 | 907,378 | 948,433 | 884,776 | 1,023,128 | 1,061,517 | 1,099,974 | Na |
| 0 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| \$11,463.292 | \$11,421,991 | \$12,131,361 | \$12,103,289 | \$12,063,107 | \$12,048,256 | \$12,022,571 | n/a |
|  | 11.442,642 | 11.776.678 | 12.117.315 | 12.083,188 | 12,055,681 | 12,035,414 |  |
|  | 68,224 | 70.216 | 72,247 | 72.043 | 71.879 | 71.759 | 838.683 |
|  | 30,870 | 31,565 | 32,478 | 32.387 | 32,313 | 32,259 | 369,078 |
|  | 35.583 | 39,055 | 38,343 | 38.352 | 38,388 | 38.458 | 436.318 |

9. Total System Recoverable Expenses (Lines 7 \& 8)

| $\mathbf{\$}$ | $\$ 134,477$ | $\$ 140,836$ | $\$ 143,068$ | $\$ 142,783$ | $\$ 142,569$ | $\$ 142,475$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Notes:
(A) N/A
(c) NA
(C) The gross-up factor for laxes uses 0.81425 , which reflects the Federal Income Tax Rate of $35 \%$; the Equity Component for January through March 1999 is $4.7443 \%$ based on a Return on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930812 -EI. For May through December 1999 the Equity Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990087 -EI. For Aprll 1999 the Equity Component is $4.5590 \%$ based on a weighled average ROE of $11.47 \%$,
(D) Depreclation expense is calculated using the appropriate site and account rates. Healf month depreciation is calculated on additions closing to Plant in Service during the month. Depreciation and retum are catculated and recorded on a one month lag due to the timing of the month end closing. Amounts recorded and shown above apply to prior month activity.
(E) N/A

Elorda Power a Lant Company
Environmentar Cost Recovery Clause
For the Period Jenuary through June 1999

```
    1. Investments
    . Expenditures/Additions
    Clearings to Plan
    d. Other(A)
```

2. Plan--In-Servica/Depreciation Base
3. Less: Accumutated Depredition (B)
4. CWP - Non Interest Bearing
5. Nel Investment (Lines 2-3*4)
6. Average Net Investment
7. Retum on Average Net Investment
a. Equily Component grossed up for taxes (C)
b. Debt Component (Line $8 \times 3.2164 \% \times 1 / 12$ )
8. Investment Expenses
a. Depreciation (D)
b. Amortization
c. Dismantiement
d. Property Expenses
e. Other (E)

| Begiming of Period Armount | January Actual | February Actual | March Actual | April Actual | May Actual | Juna Actual | Six Month Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| \$31,030 | 31.030 | 31.030 | 31,030 | 31,030 | 31,030 | 31,030 | n/a |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6,441 | 8,594 | 6,746 | 6,899 | 7.051 | 7.204 | 7,356 | Na |
| 0 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| \$24,589 | \$24,438 | \$24,284 | \$24.131 | \$23,979 | \$23,826 | \$23,874 | na |
|  | 24,513 | 24,360 | 24,208 | 24,055 | 23,902 | 23,750 |  |
|  | 158 | 157 | 158 | 149 | 143 | 142 | 903 |
|  | 88 | 85 | 65 | 84 | 84 | 84 | 388 |
|  | 153 | 153 | 153 | 153 | 153 | 153 | 915 |

9. Total System Recoverable Expenses (Lines 78 8)

|  | $\$ 370$ | $\$ 375$ |
| :--- | :--- | :--- |

Notes:
(A) N/A
(B) N/A
(C) The gross-up factor for taxes uses 0.61425 , which refects the Federal income Tax Rate of 35\%; the Equity Component for January through March 1999 is $4.7443 \%$ based on a Return on Equity (ROE) of 12.0\% per FPSC Ortier No. PSC-93-1024-FOF-El, Docket No. 930612-EI. For May through December 1999 the Equity Componant ts 4.3948\% based on a ROE of $11.0 \%$ per FPSC Order No. PSC-98-0518-AS-EI, Docket No. B9cos7-EI. For April 1989 the Equily Componemt is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$.
(D) Depreciation expenso is calculated using the appropriale site and account rates. Hall month depreciation is calculated on additions closing to Plant in Service during the month. Depreciation and retum are calcutated and recorded on a one month lag due to the liming of the month end closing. Amounts recorded and shown above apply to prior month activity
(E) N/A


Notes:
(A) N/A
(B) N/A
(C) The gross-up factor for taxes uses 0.81425 , which reffects the Federal income Tax Rate of 35\%; the Equity Component for January through March 1999 is $4.7443 \%$ based on a Retum on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI. Docket No. 930612 -EI. For May through December 1899 the Equily Component is $\mathbf{4 . 3 9 4 8 \%}$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-05 19-AS-EI. Docket No. 990067 -EI. For April 1999 the Equily Component is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$.
(D) Depreciation expense is calculated using the appropriate site and account rates. Half month depreciation is calculated on additions ciosing io plant in Service during the month.

Depreciation and retum are calculated and recorded on a one month lag due to the timing of the month end closing Amounts recorded and shown above apply to prior month activity.
(E) N/A

Totals may not add due to rounding.

9. Total Systam Recoverablo Expenses (Lines 7 \& 8)
(52,005)
39,714 -
(A) N/A
(C) The

The gross-up factor for taxes uses 0.61425, which refects the Federal Income Tax Rate of 35\%; the Equity Component for January through March 1999 is $\mathbf{4 . 7 4 4 3 \%}$ based on a Retum on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI. Dockel No. 930812 -EI. For May through Decamber 1999 the Equily Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC- $99-0519$-AS-EI. Docket No. 890087.EI. For April 1899 the Equity Component is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$
(D) Depreciation expense is calculated using the appropriate site and account rates. Half month depreciation is calculated on additions closing to Plant in Service during the month. Deprecibtion and return are calcutated and recorded on a one month lag due to the timing of the monit end closing. Amoumts recorded and shown above apply to prior month activity.
(E) N/A


9. Total System Recoverable Expenses (Lines 7 \& 8)

| \$1,244 | \$1,241 | \$1,238 | \$1,210 | 31.184 | 2 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Notes:
(A) N/A
(B) $N / A$
(C) The gross-up factor for taxes uses 0.61425 , which reflects the Federal Income Tax Rate of $35 \%$; the Equity Component for January through March 1999 is $\mathbf{4 . 7 4 4 3 \%}$ based on a Return on Equity (ROE) of $\mathbf{1 2 . 0 \%}$ per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI. For May through Decamber 1999 the Equity Component is 4.3948\% based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067 -EI. For April 1999 the Equily Component is $4.5590 \%$ based on a waighted average ROE of $11.47 \%$.
(D) Depreciation expense is calculated using the appropriate site and account rates. Half month depreciation is calculated on eadditions closing to Plant in Service during the month. Depreciation and retum are calculated and recorded on a one month lag due to the tining of the month end closing. Amounts recorded and shown above apply to prior month activity
(E) N/A
Line
1. Investments
a. Expendilures/Additions
b. Clearings to Plant
c. Retirements
d. Other (A)
2. Plant-in-Senvicenpepreciation Base
3. Less: Accurnulatod Depreciation (B)
4. CMP - Non interesl Bearing

| Line |  | Beginning of Period Amount | $\underset{\text { Actual }}{\text { July }}$ | August Aclual | September Actual | October Actual | November Actual | December Actual | Twelve Month Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | Investments |  |  |  |  |  |  |  |  |
|  | a. Expenditures/Additions |  |  |  |  |  |  |  |  |
|  | b. Clearings to Plant |  | so | 50 | so | so | \$0 | so | so |
|  | c. Reitrements |  |  |  |  |  |  |  |  |
|  | d. Other (A) |  |  |  |  |  |  |  |  |
| 2. | Plant-r-Servicendepreciation Base | \$117,794 | 117.784 | 117,794 | 117,794 | 117.794 | 117.784 | 117.794 | N/a |
| 3. | Less: Accurmulated Depreciation (8) | 17.574 | 17,888 | 18,202 | 18,517 | 18.831 | 19,145 | 19,459 | n/a |
| 4. | CWP - Non interesl Bearing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. | Nat Investment (Lines 2-3+4) | \$100,220 | \$99,906 | \$99,592 | \$99,277 | \$98.983 | \$98,649 | \$88,335 | na |
| 6. | Average Net Investment |  | 100,063 | 99,749 | 99,435 | 99,120 | 98,806 | 98,492 |  |
| 7. | Retum on Average Net Investment |  |  |  |  |  |  |  |  |
|  | a. Equity Component grossed up for laxes (C) |  | 597 | 595 | 593 | 591 | 589 | 587 | 7,338 |
|  | b. Debt Component (Line $\mathrm{B} \times 3.2184 \% \times 1 / 42$ ) |  | 288 | 267 | 287 | 288 | 285 | 264 | 3.223 |
| 8. | Investment Expenses |  |  |  |  |  |  |  |  |
|  | a. Depreciation (D) |  | 314 | 314 | 314 | 314 | 314 | 314 | 3,769 |
|  | b. Amortization |  |  |  |  |  |  |  |  |
|  | c. Dismanilement |  |  |  |  |  |  |  |  |
|  | d. Property Expenses |  |  |  |  |  |  |  |  |
|  | - Other (E) |  |  |  |  |  |  |  |  |

Environmental Cost Recovery Clause
Far the Period July through December 1999

Relum on Capital Investments, Deprectation and Taxes For Prolect: Relocalo Stom Water Runofl (Profect No. 10) (in Dollars)
9. Total System Recoverable Expenses (Lines 78 8)

| $\$ 1,179$ | $\$ 1,176$ | $\$ 1,173$ | $\$ 1,171$ |
| :--- | :--- | :--- | :--- | Notes:

(A) N/A
(8) N/A
(C) The gross-up factor for taxes uses 0.61425 , which refiects the Federal income Tax Rate of 35\%; the Equity Component for January through March 1999 is $4.7443 \%$ based on a Relum on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI. Docket No. 930612 -EI. For May through December 1999 the Equity Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Dockel No. 990067 -EI. For April 1999 the Equily Component is $4.5590 \%$ based on a weighted gverage ROE of $11.47 \%$
(D) Dep eprecietion and retum are calculated and recorded on one month lag due to the timing of the month end closing. Amounts recorded and shown above apply to prior month activity. (E) N/A

```
Line
1. Investments
    a. Expenditures/Additions
    b. Clearings to Plant
    c. Rabiremments
    d. Other(A)
```

2. Plant-In-ServicanDepreciation Base
3. Less: Accumulated Depreciation (日)
4. CMP - Non interest Bearing
5. Net investment (Lines 2-3+4)
6. Average Net Investment
7. Return on Average Nel Investmani a. Equity Component grossed up for taxes (C) b. Debt Component (Line $6 \times 3.2164 \% \times 1 / 12$ )
8. Investment Expenses
a. Depreciation (D)
b. Amortization
c. Dismantiement
d. Property Expenses

- Other (E)

| Beginning of Period Amount | January Actual | February Actual | March Actual | Aprl Actual | May Actual | $\begin{gathered} \text { June } \\ \text { Actual } \end{gathered}$ | Six Month Arrount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

so
so
so
so
$\$ 0$
so
50

| \$864,280 $129.921$ | 864.260 132,950 | 884,260 135,979 | B64,260 139,008 | $\begin{aligned} & 864,260 \\ & 142037 \end{aligned}$ | $\begin{aligned} & 884,280 \\ & 145,065 \end{aligned}$ | $\begin{aligned} & 864,260 \\ & 148,094 \end{aligned}$ | N/a |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 0 | 0 | 13,000 | 142,037 | + | 14,034 | 0 |
| 5734,339 | \$731,310 | \$728,284 | \$725.252 | \$722.223 | \$719,995 | \$716,186 | n/a |
|  | 732,825 | 729.796 | 728,787 | 723,730 | 720.709 | 717.680 |  |
|  | 4.717 | 4,697 | 4,678 | 4.476 | 4,297 | 4,279 | 27.144 |
|  | 1,964 | 1,958 | 1.948 | 1.940 | 1.932 | 1,924 | 11.684 |
|  | 3,029 | 3,029 | 3.029 | 3,029 | 3.029 | 3,029 | 18,173 |

(A) N/A
(8) N/A
(C) The

The gross-up factor for taxes uses 0.61425 . which reflects the Federal Income Tax Rate of 35\%; the Equity Component for Jamuary through Merch 1999 is $4.7443 \%$ based on a Return on Equity (ROE) of 12.0\% per FPSC Order NO. PSC-93-1024-FOF-EI, Dockel No. 930812 -EI. For May Hrough December 1999 the Equity Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC- $89-0519$-AS.EI, Docket No. 990087 .EI. For Aprlt 1999 the Equity Component is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$.
(D) Depreclation expense is calculated using the appropriate site and account rates. Halt month depreciation is calculaled on additions dosing to Plant In Senvice during the month. Depreciation and retum ara calculated and recorced on a one menth lag due to the timing of the month end closing. Amounts recorded and shown above apply to prior month activity.
(E) N/A
$\frac{\text { Lino }}{1 .}$
invesiment
a. Expendilures/Addition
b. Clearings to Plant
c. Retirements
d. Other (A)
2. Plant-In-Service/Depreciation Base
3. Less: Accumulated Dapreciation (B)
4. CMP - Non Interast Bearing
5. Net Investment (Lines $2 \cdot 3+4$ )
6. Average Net Investment
7. Relum on Average Net investmen
a. Equity Componenl grossed up tor taxes (C)
D. Debt Component (Line $6 \times 3.2164 \% \times 1 / 12$ )
8. Investiment Expenses
a. Depreciation (D)
b. Amortization
c. Dismantlement
c. Property Expenses

- Other (E)

9. Total System Recoverable Expenses (Lines 7 \& 8) $\qquad$
$\$ 9,205 \quad \$ 9,179$ $\$ 8,179$
so so

3,029

3,029

50
so
 Actual Novernber
Actual Acual
$\qquad$
Return on Capital Investments, Depreciation and Taxas
For Prolect: Scherer Discharge Pipeline. (Project No. 12 ) (in Dollars)

| Beginning <br> of Period <br> Amount | July <br> Actual | August <br> Actual | Seplember <br> Actual | October <br> Actual | November <br> Actual | December <br> Actual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | | Twelve Month |
| :---: |
| Amount |

30
50
so

| \$884,260 148,094 | $\begin{aligned} & 864,260 \\ & 151,123 \end{aligned}$ | $\begin{aligned} & 864.260 \\ & 154.152 \end{aligned}$ | $\begin{aligned} & 884,260 \\ & 157,181 \end{aligned}$ | $\begin{aligned} & 884,260 \\ & 160,210 \end{aligned}$ | $\begin{aligned} & 864,280 \\ & 163,239 \end{aligned}$ | $\begin{aligned} & 864,260 \\ & 166,268 \end{aligned}$ | n/a |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| \$716,166 | \$713.137 | \$710,108 | \$707.079 | \$704,050 | 5701.021 | \$697,992 | na |
|  | 714.651 | 711,622 | 708,593 | 705.565 | 702.536 | 699.507 |  |
|  | 4.261 | 4,243 | 4.225 | 4,207 | 4,189 | 4,174 | 52.439 |
|  | 1.916 | 1,907 | 1,899 | 1,891 | 1,883 | 1.875 | 23.035 |
|  | 3,029 | 3.029 | 3.029 | 3.029 | 3.029 | 3.029 | 38.347 | tes:

(A) N/A
(B) N/A
C) The gross-up factor for taxes uses 0.61425 , which reflects the Federal Income Tax Rate of 35\%; the Equity Component for January through March 1899 is $4.7443 \%$ based On s Return on Equily (ROE) of $\mathbf{1 2 . 0 \%}$ per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930812 -El. For May through December 4999 the Equity Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-89-0519-AS-EI, Docket No. 890087-EI. For Aprll 1999 the Equily Component is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$
(D) Depreciation expense is calculated using the appropriate site and account retes. Half month depreclation is calculated on additions dosing io Plant in Service during the month. Depreciation and return are calculated and recorded on a one month lag due to the timing of the monith end closing. Amounis recorded and shown above apply to prior month activity.
(E) N/A
 Notes:
(A) N/A
(B) N/A
(C) The gross-up fector for taxes uses 0.81425 , which reflects the Federal Income Tax Rate of 35\%; the Equity Componeni for January trough March 1999 is $4.7443 \%$ based on a Return on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC- $93-1024$-FOF-EI, Docket No. 930812 -EI, For May through December 1999 the Equily Component 13 4.3948\% based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990087 -EI. For Aprll 1999 the Equity Componem is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$.
(D) Depreciation expense is calculated using the appropriate ste and account rates. Half month depreciation is calculated on additions closing to Plant in Service during the month.

Depreciation and fetum are calculated and recorded on a one month lag due to the timing of the month end closing. Amounts recorded and shown above apply to prior month activity
(E) N/A
Elorda Power 8 Hight Company
Environmental Cost Recovery Clause
For the Perlod July through December 1999

```
Lin@
    1. Investment
```

    a. Expenditures/Additions
    b. Clearings to Plant
    c. Retirements
    d. Other (A)
    2. Plant-In-Service/Depreciation Base
3. Less: Accumulaled Depreclation ( $B$ )
4. CWP - Non Interest Bearing
5. Net Investment (Lines 2-3 4 4)

## 6. Average Net Investment

7. Retum on Average Net Investmen
E. Equity Component grossed up for taxes (C)
b. Debt Component (Line $6 \times 3.2184 \% \times 9 / 12$ )
8. Investment Expenses
a. Depreciation (D)
b. Amortization
c. Dismantiement
d. Property Expenses
e. Other (E)
9. Tolal System Recoverable Expenses (Lines 7 \& a)

| \$5,793 | \$5,760 | \$5,727 | \$5,694 | \$5,661 | \$5.628 | \$101.563 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Notes:
(A) N/A
(B) N/A
 on a Retum on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612 -EI. For May through December 1899 the Equily Component is $4.3948 \%$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC- $99-0519$-AS-EI, Docket No. 990067 -EI. For Aprl 1999 the Equity Component is $\mathbf{4 . 5 5 9 0 \%}$ based on a weighted averaga ROE of $11.47 \%$
(D) Depreciation expense is caloulated using the appropriate ste and accouni rates. Half month depreciation is calculated on additions closing to Plant in Service during the month. Depreciation and return are calculated and recorded on a one month lag due to the timing of the monith end clasing. Amounts recorded and shown above apply to prior month activity
(E) $\mathrm{N} / \mathrm{A}$


## Notes:

(A) The gross-up factor for taxes uses 0.61425 , which reflects the Federal Income Tax Rate of $35 \%$; the Equity Component for January through March 1999 is $\mathbf{4 . 7 4 4 3 \%}$ based
on a Return on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930812 -EI. For May through December 1999 the Equity Component is $4.3948 \%$
based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067 -EI. For April 1999 the Equity Component is $4.5590 \%$ based on a weighted average ROE of $11.47 \%$.
(B) Line 8a times Line 9
C) Line 8b times Line 10
(D) Line 5 is reported on Capital Schedule
(E) Line 7 is reported on O\&M Schedule


Notes:
(A) The gross-up factor for taxes uses 0.61425 , which reflects the Federal Income Tax Rate of 35\%; the Equity Component for January through March 1999 is $\mathbf{4 . 7 4 4 3 \%}$ based on a Return on Equity (ROE) of $12.0 \%$ per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612 -EI. For May through December 1999 the Equity Component is $\mathbf{4 . 3 9 4 8 \%}$ based on a ROE of $11.0 \%$ per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067 -EI. For April 1999 the Equity Component is $\mathbf{4 . 5 5 9 0 \%}$ based on a weighted average ROE of $11.47 \%$.
(B) Line 8a times Line 9
(B) Line 8a times Line 9
(C) Line 8 b times Line 10
(D) Line 5 is reported on Capital Schedute
(E) Line 7 is reported on O\&M Schedule


[^0]:    Florida Power \& Light Company
    Environmental Cost Recovery Clause
    Catculation of the Final True-up Amount for the Period January through December 1999

    Line
    No.

    1 ECRC Revenues (net of Revenue Taxes)
    True-up Provision (Order No. PSC-98-1764-FOF-EI)
    3 ECRC Revenues Applicable to Perlod (Lines $1+2$ )
    4 Jurisdictional ECRC Costs
    a - O\&M Activities (Form 42-5A, LIne 9)
    b - Capitai Investment Projects (Form 42-7A, LIne 9)
    c- Total Jurisdictlonal ECRC Costs
    Over/(Under) Recovery (Line 3 - Line 4c)
    Interest Provision (Form 42-3A, LIne 10)
    Beginning Balance True-Up \& Interest Provision
    a - Deferred True-Up from Oct 1997 to Dec 1998 (Form 42-1A, Line 15, flled April 1,1999 )

    8 True-Up Coltected (Refunded) (See LIne 2)
    9 End of Perlod True-Up (Lines 5+6+7+7a+8)
    10 Adjustments to Period Total True-Up Including Interest
    11 End of Period Total Net True-Up (LInes 9+10)

[^1]:    Florida Power $\&$ Light Company
    Environmental Cost Recovery Clause
    Calculation of the FInal True-up Amount for the Period January through December 1999

    | Interest Provision (In Dollars) |
    | :--- | :--- |
    | Line |, | No. |
    | :--- | :--- |

