



**Florida
Power**
CORPORATION

JAMES A. MCGEE
SENIOR COUNSEL

January 12, 1987

ORIGINAL

Ms. Blanca Bayo, Director
Division of Records & Reporting
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

Re: Docket No. ~~980002~~-EG

Dear Ms. Bayo:

Enclosed for filing in the subject docket are an original and ten copies of the Direct Testimony and Exhibits of Michael F. Jacob and Karl H. Wieland filed on behalf of Florida Power Corporation.

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Also enclosed is a 3.5 inch diskette containing the above-referenced document in WordPerfect format. Thank you for your assistance in this matter.

- ACK _____
- AFA Wieland
- APP _____
- CAF _____
- CMU _____
- CTR _____
- EAG _____
- LEG _____ JAM/kp
- LIN 3 to 5 Enclosure
- OPC _____ cc: Parties of Record
- RCH _____
- SEC 1
- WAS _____
- OTH _____

Very truly yours,

James A. McGee

Wieland
DOCUMENT NUMBER-DATE

Jacob
DOCUMENT NUMBER-DATE

00661 JAN 13 87

GENERAL OFFICE

00662 JAN 13 87

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Conservation Cost Recovery
Clauses of Electric Companies.

Docket No.980002-EG

Submitted for filing:
January 13, 1997

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the Testimony and Exhibits of Michael F. Jacob submitted by Florida Power Corporation has been furnished to the following individuals by regular U.S. Mail this 12th day of January, 1998:

Robert V. Elias, Esquire
Division of Legal Services
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

G. Edison Holland, Jr., Esquire
Jeffrey A. Stone, Esquire
Beggs & Lane
P. O. Box 12950
Pensacola, FL 32576-2950

J. Roger Howe, Esquire
Office of the Public Counsel
c/o The Florida Legislature
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400

Wayne L. Schiefelbein, Esquire
Gatlin, Woods, Carlson &
Cowdery
1709-D Mahan Drive
Tallahassee, FL 32308

Lee L. Willis, Esquire
James D. Beasley, Esquire
Macfarlane Ausley Ferguson
& McMullen
P.O. Box 391
Tallahassee, FL 32302

Norman Horton, Jr., Esquire
Messer, Vickers, Caparello,
French & Madsen
P. O. Box 1876
Tallahassee, FL 32302

Charles A. Guyton, Esquire
Steel, Hector & Davis
215 S. Monroe Street, Suite 601
Tallahassee, Florida 32301

Robert Scheffel Wright, Esquire
Landers & Parsons
310 West College Ave.
P.O. Box 271
Tallahassee, FL 32302

Gail P. Fels, Esquire
Assistant County Attorney
111 N.W. 1st Street, Suite 2810
Miami, FL 33128-1993

John W. McWhirter, Jr., Esquire
McWhirter, Reeves, McGlothlin,
Davidson & Bakas
100 N. Tampa Street, Suite 2900
Tampa, FL 33602

Joseph A. McGlothlin, Esquire
Vicki Gordon Kaufman, Esquire
McWhirter, Reeves, McGlothlin,
Davidson & Bakas
117 S. Gadsden Street
Tallahassee, FL 32301

H. G. Wells
276 Spring Run Circle
Longwood, FL 32779

Charles A. Costin, Esquire
P. O. Box 98
Port St. Joe, FL 32456

Ross S. Burnaman, Esquire
Legal Environmental Assistance
Foundation, Inc.
1115 N. Gadsden Street
Tallahassee, FL 32303

Terry Black, Esquire
Pace University Energy Project
78 North Broadway
White Plains, NY 10603

Debbie Stitt
Energy Conservation Analyst
St. Joe Natural Gas Company
P. O. Drawer 549
Port St. Joe, FL 32456

Richard A. Zambo, Esquire
598 S. W. Hidden River Avenue
Palm City, FL 34990

Mr. Stuart Shoaf
St. Joe Natural Gas Company
P. O. Box 549
Port St. Joe, FL 32456

William B. Watson, III
Watson, Folds, Steadham,
Sproull, Christman & Brashear
P. O. Box 1070
Gainesville, FL 32602

Kenneth A. Hoffman, Esq.
William B. Willingham, Esq.
Rutledge, Ecenia, Underwood,
Purnell & Hoffman, PA
P.O. Box 551
Tallahassee, FL 32302-0551

Mr. Frank C. Cressman
President
Florida Public Utilities Company
P.O. Box 3395
West Palm Beach, FL 33402-
3395


Attorney



**Florida
Power**
CORPORATION

ORIGINAL

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

DOCKET No. 980002-EG

REVENUE DECOUPLING TRUE-UP

**DIRECT TESTIMONY
AND EXHIBITS OF**

KARL H. WIELAND

For Filing January 13, 1998

DOCUMENT NUMBER-DATE

~~00661~~ JAN 13 1998

FPSC-RECORDS/REPORTING

**FLORIDA POWER CORPORATION
DOCKET No. 980002-EG
Revenue Decoupling True-up**

**DIRECT TESTIMONY OF
KARL H. WIELAND**

1 **Q. Please state your name and business address.**

2 **A. My name is Karl H. Wieland. My business address is Post Office Box**
3 **14042, St. Petersburg, Florida 33733.**

4
5 **Q. By whom are you employed and in what capacity?**

6 **A. I am employed by Florida Power Corporation as Director of Business**
7 **Planning.**

8
9 **Q. Have the duties and responsibilities of your position with the Company**
10 **remained the same since you last testified in this proceeding?**

11 **A. Yes.**

12
13 **Q. What is the purpose of your testimony?**

14 **A. My testimony covers three topics. First, I present the calculation of**
15 **the final true-up amount for residential revenue decoupling for 1996.**
16 **Second, I present the estimated amount for 1997. Third, I present the**
17 **calculation of the final estimated true-up balance of \$22,167,795**
18 **(under-recovery) which has been incorporated in the calculation of the**
19 **Energy Conservation Cost Recovery Factor.**

1 **Q. What is the final Revenue Decoupling true-up amount for 1996?**

2 **A.** The initial true-up amount for 1996 was an over-recovery of
3 \$10,344,843. The final true-up amount, based on the final revision of
4 1996 Florida total personal income, is an over-recovery of
5 \$11,996,739.

6
7 **Q. How was this amount calculated?**

8 **A.** The amount was computed in accordance with Commission Order No.
9 PSC-95-0097-FOF-EI and is based on revised estimates of actual 1996
10 Florida personal income as released in November 1997. The final
11 estimate (in millions of 1987\$) is \$257,629 compared to the approved
12 base value of \$248,242. Applying the regression coefficient of 0.0232
13 which relates personal income to residential usage raises the approved
14 base level residential use per customer of 13,092 by 218 kWh. The
15 final 1996 targeted level of residential kWh use per customer becomes
16 13,310. This usage, priced at residential rates and multiplied by actual
17 average customers produces a revenue target of \$730,548,187.
18 Actual base revenues collected in 1996 were \$742,544,926. The
19 difference between these two figures is the 1996 true-up amount of
20 \$11,996,739. Detailed monthly calculations for the 1996 calendar
21 year are presented on Sheet 1 of the attached exhibit .

22
23 **Q. What factors caused the over-recovery?**

24 **A.** Unseasonably cold weather in the first four months of the year
25 followed by a warmer than normal May and June resulted in actual

1 revenues for the six months being above target by \$25 million. The
2 second half of the year had cooler than normal summer months and
3 mild fall and winter months, reducing the over-recovery to \$12 million.
4

5 **Q. What is the final estimated Revenue Decoupling true-up amount for**
6 **1997?**

7 **A. The final estimated true-up amount for 1997 is an under-recovery of**
8 **\$22,905,204.**
9

10 **Q. How was the 1997 amount calculated?**

11 **A. The amount was computed in the same manner as the 1996 balance**
12 **and is based on published estimates of 1997 Florida personal income**
13 **for the first two quarters and projected income for the third and fourth**
14 **quarters. The estimated 1997 Florida personal income value (in**
15 **millions of 1987\$) is \$266,196 compared to the 1997 approved base**
16 **level of \$256,335 resulting in an upward adjustment of 205 kWh to**
17 **the approved base level use per customer level of 13,289. The**
18 **recoupling adjustment was derived using the initial model coefficient of**
19 **0.0208. The 1997 targeted level of residential use per customer**
20 **becomes 13,494 kWh. The actual annual usage per residential**
21 **customer in 1997 was 13,156 kWh. The difference of 468 kWh is**
22 **weather related and is the reason for the under-recovery. Average**
23 **annual residential customers in 1997 were 1,158,168, resulting in a**
24 **revenue target of \$751,257,201. Actual residential base revenues in**
25 **1997 were \$728,351,997 for an under-collection of \$22,905,204.**

1 Detailed monthly calculations of the 1997 true-up amount are
2 presented on Sheet 3 of my exhibit.

3
4 **Q. What factors caused the under-recovery?**

5 **A. Unusually mild weather in both the heating and cooling seasons caused**
6 **the under-recovery. Actual heating degree days for 1997 were 443**
7 **versus a normal of 567, a difference of 22%. Actual cooling degree**
8 **days were 3,434 which is 7% below the normal 3,697.**

9
10 **Q. How was the under-recovery of \$22,167,795 calculated?**

11 **A. The calculation is shown on Sheet 5 of my exhibit.**

12
13 **Q. How is the Company proposing to recover the under-collected amount?**

14 **A. The normal amortization period for decoupling is 12 months, however**
15 **the Company proposes to collect the \$22.2 million over a 24-month**
16 **period. This is accomplished by dividing the \$22.2 million balance by**
17 **residential sales during April 1998 through March 2000 and multiplying**
18 **the result by residential sales in the 12 month period April 1988**
19 **through March 1999. The resulting \$10,906,036 is included in the**
20 **calculation of the final ECCR factor for April 1998 through March**
21 **1999.**

22
23 **Q. Why is the Company proposing to extend recovery of the revenue**
24 **decoupling amount?**

1 A. The Company is proposing an extended recovery in order to limit the
2 rate increase residential customers would experience otherwise.
3 Although normal rates for the upcoming period are lower than in the
4 current period, the potential recovery of stipulated replacement fuel
5 costs associated with the outage of the Crystal River 3 nuclear plant
6 during the projection period, which is discussed in the Company's fuel
7 filing, would add approximately \$1.10 to the typical residential bill.
8 Recovery of the full decoupling amount over 12 months would add
9 another \$1.39, for a total additional charge of \$2.49 and an increase
10 in the typical bill of \$1.63. Spreading the revenue decoupling
11 collection over 24 months reduces that component to \$0.68 and the
12 total to \$1.78. As shown on Schedule E-10 in Part G of my exhibit in
13 the Company's fuel filing, the total increase in the residential bill with
14 the stipulated replacement fuel cost charge in place and the longer 24-
15 month recovery period for decoupling will be \$0.89 or 1%.

16
17 **Q. Will the 24-month recovery extend the decoupling experiment?**

18 A. No. As explained earlier, the economic true-up provision will require
19 a rate adjustment in the April 1999 through March 2000 period. The
20 effect of revenue decoupling on rates will end at the same time as long
21 as the recovery period for the current true-up amount is 24 months or
22 less.

23
24 **Q. Would you please summarize the results of the three year decoupling**
25 **experiment?**

1 A. Yes. Although there were sizeable over and under-recoveries in the
2 individual years, the total difference between actual base revenues and
3 the decoupling target for the three-year period was a remarkably small
4 \$337,797, which represents less than 0.02% of residential base
5 revenues for the period. With interest, customers will receive a net
6 refund of \$122,317 for the three years. Similarly, the weather,
7 measured by degree days, differed from the average significantly in
8 individual years and even within a year, but was within 1.1% of normal
9 for the three-year period. The difference between actual revenues and
10 target revenues in each of the three years is summarized here and
11 presented in more detail on Sheet 5 of my exhibit.

12	Year	Amount*
13	1995	\$ 10,570,668
14	1996	\$ 11,996,738
15	1997	\$(22,905,204)
16	Total	\$ 337,798

17 * excluding interest

18
19 Q. Does this conclude the three year experiment?

20 A. Yes. Beginning with January, 1998, the Company will no longer be
21 recording revenue decoupling amounts. Since the amounts for 1997
22 are only estimates at this time, the final true-up process for 1997 will
23 not conclude until final economic data for 1997 becomes available in
24 November of 1998. The final true-up for 1997 will be presented to the
25 Commission for approval this time next year, and any final true-up

1 amounts will be incorporated in the ECCR filing for the April 1999 -
2 March 2000 period. An analysis of the decoupling experiment, as
3 required by the Commission order approving the experiment, will be
4 conducted by Staff during 1998 and presented to the Commission.
5

6 **Q. Does this conclude your prepared testimony?**

7 **A. Yes, it does.**

**RESIDENTIAL REVENUE DECOUPLING
TRUE-UP CALCULATION**

Business per Customer computed by multiplying Adjusted BPC by its utility factor

Adjustment for Business	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Annual
1. Condition for Real personal business	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Personal business - Forecast	246,781	246,288	246,818	246,847	241,288	241,314	241,558	246,188	248,827	256,488	251,178	251,795	248,242	248,242
3. Personal business - Actual	254,524	255,843	255,493	253,422	257,889	258,254	258,254	258,482	258,284	258,782	258,884	258,773	257,829	257,829
4. Non per Customer - Non Utility	1,881.8	1,881.8	1,881.8	1,881.8	1,881.8	1,881.8	1,881.8	1,881.8	1,881.8	1,881.8	1,881.8	1,881.8	12,882.8	12,882.8
5. Adjustment for Personal business	17.7	18.8	18.8	18.8	18.8	18.8	18.8	18.7	18.8	18.8	17.7	17.8	218.8	218.8
6. Adjustment for Personal business	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
7. Adjustment for Personal business	1,108.7	1,108.7	1,108.8	1,108.8	1,108.8	1,108.8	1,108.8	1,108.7	1,108.8	1,108.8	1,108.8	1,108.8	12,219	12,219
8. Over per Customer and per Foot for	53.42	53.42	53.42	53.42	53.42	53.42	53.42	53.42	53.42	53.42	53.42	53.42	611.28	611.28
9. Adjusted Business per Customer	8,237,822	8,237,847	8,237,822	8,237,822	8,237,822	8,237,822	8,237,822	8,237,822	8,237,822	8,237,822	8,237,822	8,237,822	82,378,222	82,378,222
10. Monthly Non Adj Factor	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	22,219	22,219
11. Monthly Non Adj Factor	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	22,219	22,219
12. Monthly BPC Target	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	22,219	22,219
13. Monthly BPC Target	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	1,824	22,219	22,219
14. Actual Customers	1,121,882	1,108,214	1,148,888	1,141,288	1,108,828	1,102,282	1,088,888	1,148,184	1,121,882	1,128,844	1,108,882	1,102,228	1,128,228	1,128,228
15. Actual Business	1,122,128	1,108,282	1,148,888	1,141,288	1,108,828	1,102,282	1,088,888	1,148,184	1,121,882	1,128,844	1,108,882	1,102,228	1,128,228	1,128,228
16. Actual Business	1,122,128	1,108,282	1,148,888	1,141,288	1,108,828	1,102,282	1,088,888	1,148,184	1,121,882	1,128,844	1,108,882	1,102,228	1,128,228	1,128,228
17. Actual Utility Units	1,088,888	1,088,282	1,148,888	1,141,288	1,088,828	1,082,282	1,068,888	1,148,184	1,121,882	1,128,844	1,108,882	1,102,228	1,128,228	1,128,228
18. Actual Non per Customer	1,288	1,108	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	12,888	12,888
19. Actual Non per Customer	1,288	1,108	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	12,888	12,888
20. Actual Business per Customer	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
21. Actual Business per Customer	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
22. Non by Calculation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23. Actual Non Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
24. Target Non Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
25. Forecasting Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
26. Forecasting Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
27. Adjustment to 1999 Over-Label Summary	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28. Interest Provision	71,287	88,828	124,284	142,882	148,821	208,848	28,812	88,828	88,128	48,888	28,888	21,282	1,824,882	1,824,882
29. Tax and Interest Provision	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
30. Deferred Financing Amortization of Fixed	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
31. End of Period Net Financing Amount Overlaid Plus	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
32. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
33. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
34. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
35. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
36. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
37. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
38. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
39. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
40. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
41. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
42. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
43. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
44. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
45. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
46. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
47. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
48. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
49. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
50. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
51. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
52. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888
53. Financing Provision - Over Forecast Business	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	82,378,222	823,782,222	823,782,222
54. Total	1,827,488	1,828,288	1,824,884	2,127,282	1,888,221	2,884,488	871,827,228	882,282	1,824,882	1,827,828	882,888	1,824,882	18,248,888	18,248,888

Florida Power Corporation
 Residential Revenue Grouping Schedule as
 of 1988

Florida Power Corporation
 Order No. 800027-15
 Witness: E. H. Woodard
 Exhibit No. _____
 Sheet 2 of 5

54 Revenue & Rate Evaluation Former Source 3, 4 & 01 Report

Account	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Average	
55 Residential Customers Total Accounts	623,882	627,887	628,318	627,794	628,142	623,208	622,887	628,782	627,268	627,268	617,888	644,882	628,318	7,258,888	627,187
57 Rate code 01	52	54	54	51	50	51	49	51	48	47	52	48	48	617	51
58 Rate code 01	508,244	512,288	512,576	512,820	508,772	518,858	508,124	518,287	508,545	502,883	524,825	524,282	5,194,258	512,887	
59 Rate code 101	4	4	4	4	4	4	4	4	2	5	3	5	48	4	
60 Customer Credits															
61 Budget Billing Customer List															
62 Total Residential Customers	1,021,882	1,108,214	1,148,888	1,141,288	1,108,828	1,022,282	1,088,888	1,148,184	1,071,882	1,028,844	1,108,882	1,148,218	12,828,888	1,108,218	

Account	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Average
63 Adm. Values	623,888	628,881	628,428	628,882	628,121	623,442	622,288	628,814	623,688	618,182	644,272	628,488	7,287,228	627,218
64 Rate code 01	52	54	54	51	50	51	49	51	48	47	52	48	617	51
65 Rate code 01	508,288	512,218	512,887	512,848	508,288	518,881	508,148	518,284	508,587	502,814	524,848	524,888	5,194,288	512,888
66 Rate code 101	4	4	4	4	4	4	4	4	2	5	3	5	48	4
67 Customer Credits														
68 Budget Billing Customer List														
69 Total Adm. Values	1,022,128	1,108,282	1,148,888	1,141,882	1,108,828	1,022,482	1,088,888	1,148,222	1,072,882	1,028,844	1,108,218	1,148,281	12,827,488	1,108,218

Account	Jan	Feb	Mar	Apr	May	Jun	Jul	August	September	Oct	Nov	Dec	Total	Average
70 Rate code 01	708,841,487	684,588,848	622,288,824	508,124,888	584,888,825	777,688,281	778,824,282	882,887,228	624,887,188	688,887,888	584,482,212	582,288,278	6,228,588,248	6,228,588,248
71 Rate code 01	78,228	82,182	78,881	88,211	88,888	82,488	82,888	78,288	88,281	74,883	88,827	82,888	824,288	824,288
72 Rate code 01	628,641,288	627,284,288	588,282,288	488,288,888	482,288,414	622,641,888	624,884,811	282,271,288	211,887,888	528,882,128	482,888,282	488,887,288	7,228,884,288	7,228,884,288
73 Rate code 101	18,888	8,828	8,225	12,187	12,888	18,887	7,887	18,488	7,284	28,285	7,888	8,883	288,417	288,417
74 Total Value	1,488,828,488	1,388,288,888	1,128,288,818	1,088,887,242	1,088,288,888	1,488,288,887	1,488,884,881	1,488,828,888	1,388,888,881	1,228,282,887	1,088,887,817	1,088,288,818	16,887,288,218	16,887,288,218

Account	Jan	Feb	Mar	Apr	May	Jun	Jul	August	September	Oct	Nov	Dec	Total	Average
81 1985 Original Grouping Revenue (Jan of 1985 1988)	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	148,888,821	12,288,821
82 1. Adjustment to Grouping Balance	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	148,888,821	12,288,821
83 2a. Adjusted Grouping Balance	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	12,288,821	148,888,821	12,288,821
84 3. Grouping Balance	28,682,882	28,682,882	28,682,882	28,682,882	28,682,882	28,682,882	28,682,882	28,682,882	28,682,882	28,682,882	28,682,882	28,682,882	344,888,882	28,682,882
85 4. Total of Grouping and Grouping Plan 1 - (Line 8)	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	70,888	5,828
86 5. Revenue Plan - First Day of Grouping Period	11,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	148,888	12,228
87 6. Revenue Plan - First Day of Subsequent Period	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	5,828	70,888	5,828
88 7. Average Revenue Plan (Line 82)	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	102,888	8,487
89 8. Total (Line 8 + Line 7)	11,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	12,228	148,888	12,228
90 9. Average Revenue Plan (Line 82)	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	102,888	8,487
91 10. Monthly Average Revenue Plan (Line 87)	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	8,487	102,888	8,487
92 11. Revenue Provision as Plan Revenue (Line 8 + Line 10)	82,881	28,282	88,881	88,881	88,881	88,881	88,881	88,881	88,881	88,881	88,881	88,881	1,088,881	88,881

FLORIDA POWER CORPORATION
REVENUE DECOUPLING TRUE-UP CALCULATION

	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>BALANCE</u>
1	Estimated 1995 True-up Amount 1/22/96 Revenue Decoupling Testimony, Sheet 1 of 2 Line 22	\$ 17,213,782	\$ 17,213,782
2	Final 1995 Revision for the Economy 1/13/97 Revenue Decoupling Testimony, Sheet 1 of 5 Line 22	(6,643,117)	10,570,665
3	Final 1995 Interest 1/13/97 Revenue Decoupling Testimony, Sheet 1 of 5 Line 24	342,201	10,912,866
4	Estimated 1996 True-up Amount 1/13/97 Revenue Decoupling Testimony, Sheet 3 of 5 Line 25	10,344,843	21,257,709
5	Final 1996 Revision for the Economy 1/13/98 Revenue Decoupling Testimony, Sheet 1 of 5 Line 25 less Line 4 above	1,651,896	22,909,605
6	Final 1996 Interest 1/13/98 Revenue Decoupling Testimony, Sheet 1 of 5 Line 29	1,074,592	23,984,197
7	Amount Collected (Refunded) July 1, 1996 - March 31, 1997 1/13/98 Revenue Decoupling Testimony, Sheet 1 of 5 Line 27	(18,481,665)	5,502,532
8	Amount Collected (Refunded) April 1, 1997 - March 31, 1998 1/13/97 Revenue Decoupling Testimony, Sheet 5 of 5	(3,808,441)	1,694,091
9	Estimated 1997 True-up Amount 1/13/98 Revenue Decoupling Testimony, Sheet 3 of 5 Line 25	(22,905,204)	(21,211,113)
10	1997 Accrued Interest Revenue Decoupling	(627,463)	(21,838,576)
11	Interest from 1/1/98 to 3/31/98 at 6%	(329,219)	(22,167,795)
12	Amount Collected (Refunded) April 1, 1998 - March 31, 1999 Balance from Line 11	22,167,795	
13	Amount Collected (Refunded) for the 3 Year Period Sum of Lines 7, 8, and 12	\$ (122,311)	