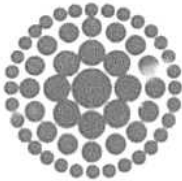


Original
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**Florida
Power**
CORPORATION

JAMES A. MCGEE
SENIOR COUNSEL

January 10, 1997

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

Re: Docket No. 970002-EG

Dear Ms. Bayo:

Enclosed for filing in the subject docket are an original and fifteen 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 2 _____
APP _____
CAF _____
CMU _____
CTR _____
EAG 1 _____
LEG _____
LIN 3 + 049 _____
OPC _____
RCH _____
SEC 1 _____
WAS _____
OTH _____

JAM/kp
Enclosure

c: Parties of Record

Very truly yours,

James A. McGee

Wieland
DOCUMENT NUMBER - DATE
00000-10135
GENERAL OFFICE
A Florida Progress Company
FPSC-RECORDS/REPORTING

Jacob
DOCUMENT NUMBER - DATE
00398-10135
FPSC-RECORDS/REPORTING

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Conservation Cost Recovery
Clauses of Electric Companies.

Docket No.970002-EG

Submitted for filing:
January 10, 1997

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the Testimony and Exhibits of Michael F. Jacob and Karl H. Wieland submitted by Florida Power Corporation has been furnished to the following individuals by regular U.S. Mail this 10th day of January, 1997:

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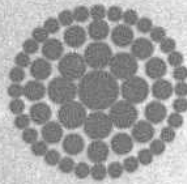
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Attorney



**Florida
Power**
CORPORATION

**ORIGINAL
FILE COPY**

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

DOCKET No. 970002-EG

RESIDENTIAL REVENUE DECOUPLING

**DIRECT TESTIMONY
AND EXHIBITS OF
KARL H. WIELAND**

For Filing January 13, 1997

DOCUMENT NUMBER-DATE

00100 JAN 13 97

FPSC-RECORDS/REPORTING

**FLORIDA POWER CORPORATION
DOCKET No. 970002-EG**

**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 the
15 final true-up amount for residential revenue decoupling for 1995.
16 Second, I present the estimated amount for 1996. Third, I present the
17 calculation of the final estimated true-up balance of \$3,808,441
18 (overrecovery) which has been incorporated in the calculation of the
19 Energy Conservation Cost Recovery Factor.

20

21 **Q. What is the final Revenue Decoupling true-up amount for 1995?**

1 A. The initial true-up amount for 1995 was an over-recovery of
2 \$17,213,782, plus interest of \$532,749. The final true-up amount,
3 based on the final revision of 1995 Florida total personal income, is an
4 over-recovery of \$10,570,665.

5
6 Q. How was this amount calculated?

7 A. The amount was computed in accordance with Commission Order No.
8 PSC-95-0097-FOF-EI and is based on revised estimates of actual 1995
9 Florida personal income as released in November 1996. The final
10 estimate (in millions of 1987\$) is \$246,248 compared to the approved
11 base value of \$240,405. Applying the regression coefficient of 0.0289
12 which relates personal income to residential usage raises the approved
13 base level residential use per customer of 12,899 by 163 kWh. The
14 final 1995 targeted level of residential kWh use per customer becomes
15 13,062. This usage, priced at residential rates and multiplied by actual
16 average customers produces a revenue target of \$708,400,864.
17 Actual average annual use per customer in 1995 was 13,295 kWh.
18 Actual base revenues collected in 1995 were \$718,971,529. The
19 difference between these two figures is the 1995 true-up amount of
20 \$10,570,665. Detailed monthly calculations for the 1995 calendar
21 year are presented on Sheet 1 of the attached exhibit .

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

24 A. Unseasonably warm weather primarily during May, June, and October
25 explains 232 of the 233 kWh difference between actual and target use

1 per customer. An analysis showing the impact of 1995 weather
2 conditions on FPC's residential kWh use per customer shows that had
3 normal weather occurred, the average customer's annual usage would
4 have differed from the 1995 target of 13,062 kWh by 1 kWh.

5
6 **Q. What is the final estimated Revenue Decoupling true-up amount for**
7 **1996?**

8 **A. The true-up amount for 1996 is an over-recovery of \$10,344,843.**

9
10 **Q. How was the 1996 balance calculated?**

11 **A. The amount was computed in the same manner as the 1995 balance**
12 **and is based on published estimates of 1996 Florida personal income**
13 **for the first two quarters and projected income for the third and fourth**
14 **quarters. The estimated 1996 Florida personal income value (in millions**
15 **of 1987\$) is \$257,364 compared to the 1996 approved base level of**
16 **\$248,242 resulting in an upward adjustment of 254 kWh to the**
17 **approved base level use per customer level of 13,092. The recoupling**
18 **adjustment was derived using the same model coefficient as the 1995**
19 **adjustment (0.02789). The 1996 targeted level of residential use per**
20 **customer becomes 13,346 kWh. The actual annual usage per**
21 **residential customer in 1996 was 13,572 kWh. The difference of 226**
22 **kWh is weather related and is the reason for the over-recovery.**
23 **Average annual residential customers in 1996 were 1,139,239**
24 **resulting in a revenue target of \$732,200,083. Actual residential base**
25 **revenues in 1996 were \$742,544,926 for an over-collection of**

1 \$10,344,843. Detailed monthly calculations of the 1996 true-up
2 amount are presented on Sheet 3 of my exhibit.

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

5 **A. Unseasonably cold weather in the first quarter of 1996 is the primary**
6 **cause of the overrecovery. Actual heating degree days for 1996 were**
7 **859 versus a normal of 537, a difference of 60%. Preliminary 1996**
8 **weather adjusted residential use per customer is estimated to be**
9 **13,067 kWh versus an actual of 13,572 and a current target of**
10 **13,346.**

11
12 **Q. How was the overrecovery of \$3,808,441 calculated?**

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

14
15 **Q. Is the \$17,746,531 in overrecovery for 1995 which was to be applied**
16 **to the buy-down of QF contracts being refunded to customers**
17 **beginning April 1, 1997?**

18 **A. Yes. The \$17,746,531, which included interest of \$532,749, is**
19 **incorporated in the calculation of the \$3,808,441 overrecovery as**
20 **shown in Sheet 5 of my exhibit. The reduction of this overrecovery**
21 **because of the economic adjustment (including an adjustment to**
22 **interest expense) is part of the calculation.**

23
24 **Q. Does this conclude your prepared testimony?**

25 **A. Yes, it does.**

**RESIDENTIAL REVENUE DECOUPLING
TRUE-UP CALCULATION**

Florida Power Corporation

Revised Revenue Decoupling Calculation - Actual Calculation Revised for 1999 Economic Update
1999 Revised (Jan 1997)

FLORIDA POWER CORPORATION
December 9, 1999 (E)G
Witness: H. W. Winkler
Exhibit No. _____
Sheet 1 of 1

Revenue per Customer computed by multiplying Adjusted SPC by months 12x12

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Year-to-Date
Adjusted for Season														
1 Coefficient for fixed personal income	0.0023142567													
2 Reasoned Income - Forecast	237,034	237,642	238,248	238,856	239,463	240,071	240,679	241,287	241,895	242,503	243,111	243,719	40,405	240,405
3 Reasoned Income - Actual	240,248	242,062	243,436	244,363	244,841	245,558	246,518	247,719	249,167	250,968	253,411	253,907	246,248	246,248
4 Usage per Customer - Base Value	1,074.9	1,074.9	1,074.9	1,074.9	1,074.9	1,074.9	1,074.9	1,074.9	1,074.9	1,074.9	1,074.9	1,074.9	12,899.0	12,899.0
5 Adjustment for Personal Income	7.5	10.3	12.1	12.9	12.5	12.7	13.5	14.8	15.9	16.5	16.8	17.5	163.0	163.0
6 Adjustment for Personal Income	N/A	N/A	N/A											N/A
7 Usage per Customer adj for Pers Inc	1,082.4	1,085.2	1,087.0	1,087.7	1,087.4	1,087.6	1,088.4	1,089.9	1,090.8	1,091.4	1,091.7	1,092.4	13,062.0	13,062.0
8 Adjusted Revenue per Customer	52.36	52.48	52.58	52.58	52.56	52.57	52.60	52.64	52.70	52.72	52.74	52.74	671.29	671.29
9 Months Rev Adj Factor	0.9905	0.9475	0.9906	0.9982	0.9355	1.0452	1.2025	1.2633	1.244	1.0671	0.8533	0.8647	1.0010	
10 Monthly Use per Customer target	1,070	1,017	908	850	872	1,147	1,353	1,435	1,411	1,179	899	924	13,062.0	13,062.0
11 Monthly SPC target	51.86	49.72	48.22	43.02	43.89	54.95	63.75	66.54	65.56	56.29	45.00	46.02	531.29	531.29
12 Actual Customers	1,128,349	1,132,775	1,134,383	1,134,911	1,092,201	1,112,535	1,090,918	1,093,119	1,100,895	1,113,536	1,115,538	1,124,101	13,221,448	13,221,448
13 Actual Meters	1,129,951	1,134,483	1,135,847	1,135,063	1,092,352	1,112,676	1,090,961	1,093,259	1,101,038	1,113,687	1,115,678	1,124,647	13,221,663	13,221,663
14 Actual Sales kWh	1,108,951,344	1,244,385,151	965,389,738	971,454,381	1,142,962,981	1,470,085,706	1,464,494,714	1,510,644,732	1,581,225,577	1,387,199,751	1,061,110,536	1,020,445,476	14,819,050,193	14,819,050,193
15 Actual Use per Customer	980	1,099	848	857	1,048	1,321	1,343	1,382	1,407	1,246	917	892	13,221	13,221
16 Actual Base Revenue	54,459,310	60,064,458	49,683,913	49,450,881	55,614,421	68,944,629	68,527,492	70,404,064	73,980,974	65,445,680	52,902,098	50,293,404	718,971,529	718,971,529
17 Actual Revenue per Customer	48.26	53.02	43.69	43.59	50.92	61.97	62.82	64.41	66.42	58.95	46.70	44.72	641.87	641.87
Year-to-Date														
20 Actual Base Revenue	54,459,310	60,064,458	49,683,913	49,450,881	55,614,421	68,944,629	68,527,492	70,404,064	73,980,974	65,445,680	52,902,098	50,293,404	718,971,529	718,971,529
21 Target Base Revenue	58,516,179	56,321,573	50,252,399	50,544,929	47,936,956	61,133,798	68,994,112	72,736,138	74,311,476	62,647,535	52,089,210	52,846,547	708,402,864	708,402,864
22 Revenue Provision - Over / (Under) Recovery	(4,056,869)	3,742,885	(1,708,486)	(1,094,048)	7,677,462	7,810,830	1,466,420	(2,332,074)	(1,600,502)	2,998,145	812,888	(2,643,143)	10,570,665	10,570,665
To be corrected														
10,570,665														
Interest Provisions														
24 Interest Provision	(10,252)	(11,166)	(8,032)	(13,180)	3,448	42,743	80,518	52,677	47,178	54,235	63,069	58,923	342,201	342,201
25 True-Up and Interest Provision	(4,067,121)	3,731,769	(1,714,518)	(1,107,238)	7,661,910	7,853,573	(406,902)	(2,279,397)	(1,113,324)	3,052,380	875,957	(2,594,200)	10,912,866	10,912,866
26 Deferred True-Up Beginning of Period														
27 True-Up Collected (Reversed)														
28 End of Period Net True-Up Amount Over / (Und) Rec.	(4,067,121)	3,731,769	(1,714,518)	(1,107,238)	7,660,910	7,853,573	(406,902)	(2,279,397)	(1,113,324)	3,052,380	875,957	(2,594,200)	10,912,866	10,912,866
True-Up Balance without Interest - Over / (Und) Rec														
31 True-Up Balance without Interest - Over / (Und) Rec	(4,056,869)	(313,984)	(2,002,470)	(3,116,519)	4,840,943	12,371,773	11,905,353	9,573,279	9,412,776	12,410,921	12,223,809	10,570,665		
INTEREST PROVISIONS														
34 1. Beginning Balance	0	(4,067,121)	(3,008,352)	(2,049,870)	(3,157,108)	4,523,802	12,377,375	11,971,473	9,492,076	9,578,752	12,631,132	13,507,089		
35 2. Current Month True-Up	(4,056,869)	3,742,885	(1,708,486)	(1,094,048)	7,677,462	7,810,830	(1,466,420)	(2,332,074)	(1,600,502)	2,998,145	812,888	(2,643,143)		
36 3. Ending Balance	(4,056,869)	(324,236)	(2,040,838)	(1,943,918)	4,520,354	12,334,622	11,910,955	9,639,399	9,531,574	12,576,897	13,444,020	10,853,946		
37 4. Total of Beginning and Ending (Line 1+Line 3)	(4,056,869)	(4,391,357)	(2,279,190)	(5,193,788)	1,363,246	16,858,434	24,289,330	21,610,872	19,223,650	22,158,649	26,075,152	24,361,035		
38 5. Average Balance (Line 4/2)	(2,028,435)	(2,195,679)	(1,189,595)	(2,596,894)	681,623	8,429,217	12,144,165	10,806,436	9,611,825	11,077,825	13,037,576	12,180,518		
39 6. Interest Rate - Real Day of Reporting Period	6.00%	6.100%	6.050%	6.120%	6.070%	6.070%	6.100%	5.860%	5.810%	5.940%	5.810%	5.800%		
40 7. Interest rate - Real Day of Subsequent Period	6.100%	6.050%	6.120%	6.070%	6.070%	6.100%	5.860%	5.840%	5.940%	5.810%	5.800%	5.810%		
41 8. Total (Line 6 + Line 7)	12.10%	12.150%	12.170%	12.190%	12.140%	12.170%	11.960%	11.700%	11.780%	11.610%	11.610%	11.610%		
42 9. Average Interest Rate (Line 8/2)	6.065%	6.073%	6.080%	6.093%	6.070%	6.080%	5.980%	5.860%	5.800%	5.870%	5.800%	5.800%		
43 10. Monthly Average Interest Rate (Line 9/12)	0.505%	0.506%	0.507%	0.508%	0.508%	0.507%	0.498%	0.489%	0.491%	0.490%	0.484%	0.484%		
44 11. Interest Provision (Line 5 * Line 10)	(10,252)	(11,166)	(8,032)	(13,180)	3,448	42,743	80,518	52,677	47,178	54,235	63,069	58,923	342,201	342,201

Note: December calculation was based on annual numbers. Decoupling liability was adjusted accordingly.

Florida Power Corporation

Residential Revenue Decoupling Calculation - Actual Calculation Revised for 1996 Economic Updates
1995

FLORIDA POWER CORPORATION
Docket No. 27000 EG
Witness: A. H. Williams
Exhibit No. _____
Sheet 2 of 5

46 Revenue & Rate Statistics (Former Source 3.4 & 5) Budget

47 Residential Customer Billed Accounts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Rate-to-Bills
48 Rate code 01	620 382	623 782	602 452	606 150	542 014	547 083	587 058	542 599	566 184	614 462	636 299	622 514	7 361 275	613 448
49 Rate code 51	34	57	55	57	60	53	57	53	34	55	60	54	675	57
50 Rate code 91	507 908	508 636	484 722	474 589	489 295	497 484	480 452	489 278	535 208	499 015	521 175	502 135	5 996 257	499 108
51 Rate code 101			4	4	4	4	4	4	3	4	4	4	35	4
Customer Correction			280	6 404	10 734	17 971	23 245	12 385	10 750					0
52 Budget Billing Customer Error			26 870	87 513										0
53 Total Residential Customers	1 128 349	1 132 725	1 114 383	1 174 917	1 082 207	1 112 535	1 090 816	1 083 179	1 102 905	1 113 536	1 157 528	1 124 707	13 466 777	1 122 148
54														
55 Active Meters														
56 Rate code 01	621 346	624 740	603 313	606 404	580 129	587 182	587 170	542 716	566 553	614 543	636 418	622 533	7 361 286	613 772
57 Rate code 51	61	61	56	57	60	53	57	53	34	55	60	54	686	57
58 Rate code 91	508 544	509 682	485 124	474 638	489 412	497 501	480 466	489 299	535 235	499 035	521 196	502 156	5 996 498	499 288
59 Rate code 101			4	4	4	4	4	4	3	4	4	4	35	4
Customer Correction			280	6 407	10 748	17 976	23 264	12 387	10 812					0
60 Budget Billing Customer Error			26 870	87 513										0
61 Total Active Meters	1 129 951	1 134 483	1 115 847	1 175 053	1 082 352	1 112 676	1 090 861	1 083 298	1 113 038	1 113 687	1 157 678	1 124 847	13 471 852	1 122 653
62														
63 kWh														
64 Rate code 01	583 997 160	680 129 260	509 925 746	522 151 677	612 300 922	782 193 824	789 081 643	810 159 583	854 742 333	742 623 701	567 982 324	537 983 807	7 968 12 990	663 593 499
65 Rate code 51	102 307	114 109	64 785	61 913	82 283	98 846	101 216	98 001	117 185	88 777	87 024	68 249	1 086 695	80 391
66 Rate code 91	521 861 877	594 141 782	455 367 234	449 200 285	530 844 602	687 763 694	675 320 256	700 392 159	736 461 745	645 078 454	493 030 062	465 278 086	6 954 678 241	579 562 353
67 Rate code 101			31 973	40 512	35 174	29 342	21 589	14 979	4 314	8 814	11 226	17 334	218 267	23 527
68 Total kWh	1 108 951 344	1 244 385 151	965 389 738	971 404 387	1 142 962 081	1 470 085 706	1 464 494 714	1 510 664 732	1 591 325 577	1 387 799 751	1 061 110 634	1 028 445 478	14 919 080 183	1 243 254 183

Florida Power Corporation

Residential Revenue Decoupling Calculation - Actual Calculation
1998

FLORIDA POWER CORPORATION

Docket No. 970002-EG

Witness: K. H. Wieland

Exhibit No. _____

Sheet 3 of 5

Revenue per Customer computed by multiplying Adjusted RPC by monthly factor

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	(Actual) Year-to-Date
Adjustment for Economy														
1 Coefficient for Real personal Income (Monthly)	0.0023242597													
2 Coefficient for Real personal Income	N/A													
3 Personal Income - Forecast	244,761	245,389	246,016	246,647	247,280	247,914	248,550	249,188	249,827	250,468	251,110	251,755	248,242	248,242
4 Personal Income - Actual	252,560	253,958	255,144	256,116	256,872	257,537	258,111	258,594	259,087	259,590	260,105	260,609	257,364	257,364
5 Use per Customer - Base Value	1,091.0	1,091.0	1,091.0	1,091.0	1,091.0	1,091.0	1,091.0	1,091.0	1,091.0	1,091.0	1,091.0	1,091.0	13,092.0	13,092.0
6 Adjustment for Personal Income	18.1	19.9	21.2	22.0	22.3	22.4	22.2	21.9	21.5	21.2	20.9	20.4	254.0	254.0
7 Adjustment for Personal Income	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
8 Use per Customer adj for Pers Inc	1,109.1	1,110.9	1,112.2	1,113.0	1,113.3	1,113.4	1,113.2	1,112.9	1,112.5	1,112.2	1,111.9	1,111.4	13,346	13,346
9 Adjusted Revenue per Customer	53.44	53.51	53.56	53.59	53.60	53.61	53.60	53.59	53.57	53.56	53.55	53.53	642.71	642.71
10 Monthly Rev Adj Factor	0.973672	0.931647	0.85081	0.821427	0.855845	1.06868	1.214082	1.255591	1.227804	1.075057	0.858458	0.880536	1.0011	1.0000
11	1.080	1.036	0.99	0.918	0.956	1.188	1.347	1.392	1.361	1.194	0.957	0.981		
12 Monthly Use per Customer Target	1.074	1.020	0.913	0.875	0.921	1.205	1.399	1.454	1.416	1.212	0.923	0.934	13,346	13,346
13 Monthly RPC Target	52.03	49.85	45.57	44.02	45.87	57.29	65.07	67.29	65.78	57.58	45.97	46.39	642.71	642.71
14														
15 Actual Customers	1,131,992	1,155,214	1,148,955	1,141,709	1,108,839	1,152,352	1,096,859	1,149,184	1,131,953	1,120,944	1,116,643	1,163,220	1,139,239	1,139,239
16 Actual Meters	1,132,128	1,155,352	1,149,094	1,141,852	1,108,971	1,152,483	1,096,998	1,149,323	1,132,082	1,121,078	1,109,774	1,163,351	1,139,374	1,139,374
17 Actual Sales Inch	1,430,070,889	1,305,740,195	1,178,728,874	1,045,601,243	1,039,263,183	1,451,243,797	1,453,904,981	1,686,429,860	1,536,829,681	1,234,742,622	1,051,997,617	1,046,726,676	15,461,279,218	15,461,279,218
18 Actual Use per Customer	1,263	1,130	1,026	916	937	1,259	1,326	1,468	1,358	1,102	899	900	13,572	13,584
19 Actual Base Revenue	67,508,166	62,715,621	57,554,383	52,138,560	51,592,773	68,539,475	68,155,413	77,965,989	71,799,479	59,558,194	52,642,804	52,374,069	742,544,926	742,544,926
20 Actual Revenue per Customer	59.64	54.29	50.09	45.67	46.53	59.48	62.14	67.84	63.43	53.13	45.01	45.03	652.28	651.79
21														
22 True-Up Calculations:														
23 Actual Base Revenue	67,508,166	62,715,621	57,554,383	52,138,560	51,592,773	68,539,475	68,155,413	77,965,989	71,799,479	59,558,194	52,642,804	52,374,069	742,544,926	742,544,926
24 Target Base Revenue	58,897,564	57,587,418	52,357,879	50,358,030	50,862,445	66,018,246	71,372,615	77,328,591	74,459,868	64,543,956	53,768,889	54,745,007	732,200,083	732,200,083
25 True-Up Provision - Over / (Under) Recovery	8,610,602	5,128,203	5,196,504	1,880,530	730,328	2,521,229	(3,217,202)	637,398	(2,660,389)	(4,985,762)	(1,125,685)	(2,370,933)	10,344,843	10,344,843
26 To be collected														
27 Adjustment to 1995 Over/(Under) Recovery	(6,833,665)					0	(18,481,665)						(25,315,330)	10,344,843
28														
29 Interest Provision	71,081	99,068	123,733	141,166	146,380	156,070	71,430	65,141	60,806	43,732	30,181	23,609	1,032,397	1,032,397
30 True-Up and Interest Provision	1,848,039	5,227,271	5,320,237	2,021,696	876,708	2,677,299	(21,627,437)	702,539	(2,599,583)	(4,942,030)	(1,095,504)	(2,347,324)	(13,938,090)	11,377,240
31 Deferred True-Up Beginning of Period														
32														
33 End of Period Net True-Up Amount Over/(Und) Rec	1,848,039	5,227,271	5,320,237	2,021,696	876,708	2,677,299	(21,627,437)	702,539	(2,599,583)	(4,942,030)	(1,095,504)	(2,347,324)	(13,938,090)	11,377,240
34														
35														
36 True-Up Balance Without Interest - Over / (Und) Rec	1,776,958	6,905,161	12,101,664	13,982,194	14,712,522	17,333,751	(4,465,116)	(3,827,718)	(6,488,108)	(11,473,869)	(12,599,554)	(14,970,687)	(14,970,687)	
37														
38 INTEREST PROVISION:														
39 1. Beginning Balance	0	1,848,038	7,075,309	12,395,546	14,417,242	15,293,950	17,971,249	(3,656,188)	(2,953,649)	(5,553,232)	(10,495,262)	(11,590,766)		
40 1a. Adjustment to beginning balance	(6,833,665)	0	0	0	0	0	(18,481,665)	0	0	0	0	0		
41 1b. Adjusted beginning balance	(6,833,665)	1,848,038	7,075,309	12,395,546	14,417,242	15,293,950	(510,416)	(3,656,188)	(2,953,649)	(5,553,232)	(10,495,262)	(11,590,766)		
42 2. Current Month True-Up	8,610,622	5,128,203	5,196,504	1,880,530	730,328	2,521,229	(3,217,202)	637,398	(2,660,389)	(4,985,762)	(1,125,685)	(2,370,933)		
43 3. Ending Balance	1,776,957	6,976,241	12,271,813	14,276,076	15,147,570	17,815,179	(3,727,618)	(3,018,790)	(5,614,038)	(10,538,994)	(11,620,947)	(11,961,699)		
44 4. Total of Beginning and Ending (Line 1+Line 3)	(5,056,707)	8,824,289	19,347,123	26,671,623	29,564,813	33,109,130	(4,238,033)	(6,674,977)	(8,567,686)	(16,092,235)	(22,116,208)	(25,552,464)		
45 5. Average Balance (Line 4/2)	(2,528,354)	4,412,140	9,673,561	13,336,811	14,782,406	16,554,565	(2,119,017)	(3,337,489)	(4,283,843)	(8,046,119)	(11,058,104)	(12,776,232)		
46 6. Interest Rate - First Day of Reporting Period	5.810%	5.400%	5.330%	5.500%	5.400%	5.400%	5.520%	5.450%	5.400%	5.460%	5.380%	5.450%		
47 7. Interest rate - First Day of Subsequent Period	5.400%	5.330%	5.500%	5.400%	5.400%	5.520%	5.450%	5.400%	5.440%	5.380%	5.450%	5.950%		
48 8. Total (Line 6 + Line 7)	11.210%	10.730%	10.830%	10.900%	10.800%	10.920%	10.970%	10.850%	10.840%	10.820%	10.830%	11.400%		
49 9. Average Interest Rate (Line 8/2)	5.609%	5.360%	5.415%	5.450%	5.400%	5.460%	5.485%	5.425%	5.420%	5.410%	5.415%	5.700%		
50 10. Monthly Average Interest Rate (Line 9/12)	0.467%	0.447%	0.451%	0.454%	0.450%	0.459%	0.457%	0.452%	0.452%	0.451%	0.451%	0.479%		
51 11. Interest Provision (Line 5 * Line 10)	(11,810)	19,726	43,652	60,567	66,521	75,323	(9,686)	(15,088)	(19,349)	(36,275)	(49,900)	(60,687)	62,994	62,994
52 12. Prior Year Interest Provision	82,691	79,342	80,081	80,599	79,859	80,747	81,116	80,229	80,155	80,007	80,081	84,296		
53 13. Total Interest Provision (Line 11 + Line 12)	71,081	99,068	123,733	141,166	146,380	156,070	71,430	65,141	60,806	43,732	30,181	23,609		

Note: December calculation was based on annual numbers. Decoupling liability was adjusted accordingly

Florida Power Corporation
Residential Revenue Decoupling Calculation
1996

FLORIDA POWER CORPORATION
Docket No. 97002-EG
Witness: K. H. Wieland
Exhibit No. _____
Sheet 4 of 5

54 Revenue & Rate Statistics (Former Source 3,4 & D) Report

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Year-to-Date Average
55 Residential Customers Billed Accounts														
56 Rate code 01	623,692	637,967	636,318	628,734	609,012	633,338	602,682	629,762	623,359	617,980	644,662	638,374	7,525,889	627,157
57 Rate code 51	52	54	54	51	50	51	49	51	46	47	53	49	607	51
58 Rate code 91	508,244	517,180	512,579	512,920	499,773	518,950	494,124	519,367	508,545	502,903	524,925	524,792	6,144,320	512,027
59 Rate code 101	4	4	4	4	4	4	4	4	3	5	3	5	48	4
60 Customer Correction														
61 Budget Billing Customer Error														
62 Total Residential Customers	1,131,992	1,155,214	1,149,956	1,141,709	1,108,839	1,152,352	1,096,859	1,149,184	1,131,953	1,120,944	1,169,643	1,163,220	13,670,864	1,139,239
63														
64 Active Meters														
65 Rate code 01	623,806	638,081	636,429	628,852	609,121	633,617	602,706	629,874	623,466	618,102	644,773	638,489	7,527,236	627,270
66 Rate code 51	52	54	54	51	50	51	49	51	46	47	53	49	607	51
67 Rate code 91	508,266	517,213	512,607	512,945	499,706	518,981	494,149	519,304	508,567	502,924	524,945	524,808	6,144,595	512,050
68 Rate code 101	4	4	4	4	4	4	4	4	3	5	3	5	48	4
69 Customer Correction														
70 Budget Billing Customer Error														
71 Total Active Meters	1,132,128	1,155,352	1,149,094	1,141,852	1,108,971	1,152,483	1,096,908	1,149,323	1,132,082	1,121,078	1,169,774	1,163,351	13,672,486	1,139,374
72														
73 kWh														
74 Rate code 01	760,341,497	684,389,845	622,386,334	555,174,800	556,996,825	777,490,281	778,924,702	903,607,739	824,931,168	659,057,058	564,442,312	557,766,779	8,235,509,340	686,292,445
75 Rate code 51	76,736	87,102	76,561	69,211	65,056	92,499	87,113	100,365	89,301	74,083	58,527	57,656	934,703	77,892
76 Rate code 91	679,641,393	621,254,309	556,257,764	490,345,065	482,188,414	673,641,950	674,884,811	782,711,298	711,801,688	575,562,126	487,488,782	488,837,156	7,224,634,756	602,052,897
77 Rate code 101	10,863	8,939	8,225	12,167	12,858	19,067	7,882	10,458	7,524	29,355	7,996	65,063	200,417	16,701
78 Total kWh	1,450,070,489	1,305,740,195	1,178,728,874	1,045,601,263	1,039,263,163	1,451,243,797	1,453,904,981	1,685,429,800	1,536,829,681	1,234,742,622	1,051,997,617	1,046,726,676	15,461,279,218	1,268,430,935

FLORIDA POWER CORPORATION
REVENUE DECOUPLING TRUE-UP CALCULATION
(JANUARY 9, 1997)

<u>AMOUNT</u>	<u>DESCRIPTION</u>
\$ 17,213,782	Original 1995 overrecovery (excluding interest)
<u>(6,643,117)</u>	Revision for economy
10,570,665	Revised 1995 overrecovery
<u>10,344,843</u>	1996 overrecovery
20,915,508	Total (two year) overrecovery
<u>(18,481,665)</u>	Mid-year 1996 refund to ECCR (July 1, 1996)
2,433,843	Outstanding balance
<u>1,374,598</u>	1995 and 1996 accrued interest
<u>\$ 3,808,441</u>	Outstanding overrecovery including interest