



**Florida
Power**
CORPORATION

ORIGINAL 13

Rodney E. Gaddy
Assistant General Counsel

February 17, 1998

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Ms. Blanca S. Bayó, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Petition for Modification of Florida Power Corporation's
Better Business Program

Dear Ms. Bayó:

Enclosed for filing in the subject docket are an original and fifteen copies of the subject Petition by 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.

Very truly yours,

Rodney E. Gaddy

REG/mgc

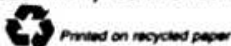
Enclosures

cc: Robert V. Elias, Esquire - w/enclosures
Jack Shreve, Esquire - " "
James F. Stanfield - " "

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DOCUMENT NUMBER-DATE

02451 FEB 20 98



BEFORE THE PUBLIC SERVICE COMMISSION ORIGINAL

In Re: Petition for Modification of
the Better Business Conservation Program
by Florida Power Corporation

Docket No: 980264-EB

Submitted for filing: February 17, 1998

**PETITION FOR MODIFICATION OF FLORIDA POWER CORPORATION'S
BETTER BUSINESS PROGRAM**

Florida Power Corporation, ("Florida Power"), pursuant to Section 366.82(2), Florida Statutes (1996), hereby petitions the Florida Public Service Commission ("Commission") to (1) approve the modifications of Florida Power's Better Business Program set forth in this petition and attachments, (2) allow Florida Power to recover reasonable and prudent expenditures for the modified Better Business Program, and (3) include Florida Power's modified Better Business Program as part of Florida Power's approved DSM Plan. As grounds for this Petition, Florida Power states:

1. Florida Power's address is 3201 34th Street, So., St. Petersburg, Florida, 33711.

Correspondence, notices, orders and other documents concerning this petition should be sent to:

Rodney E. Gaddy, Esq.
Assistant General Counsel
Florida Power Corporation
P.O. Box 14042
St. Petersburg, Florida 33733

Michael F. Jacob
Manager, Regulatory Evaluation and Planning
Florida Power Corporation
17757 U.S. Hwy 19 No. Suite 660
Clearwater, Florida 33764

2. Florida Power is an investor-owned electric utility regulated by the Commission pursuant to Chapter 366, Florida Statutes. Florida Power is subject to the Florida Energy Efficiency Conservation Act ("FEECA"), Sections 366.80-85 and 413.519, Florida Statutes(1996); and its Energy Conservation Cost Recovery ("ECCR") clause is subject to the

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Commission's jurisdiction. Florida Power has Commission approved conservation goals. See, Order No. PSC-94-1313-FOF-EG issued on October 25, 1994. The Commission has previously approved a DSM Plan to meet the goals approved for Florida Power. See, Order Nos. PSC-95-0691-FOF-EG, PSC-96-0589-S-EI and PSC-95-1344-S-EG. As part of that DSM Plan the Commission approved Florida Power's Better Business Program. Florida Power has a substantial interest in whether this program is modified as requested, approved as part of Florida Power's DSM Plan, and authorized for cost recovery.

3. The objective of the Better Business Program is to provide existing commercial and industrial customers with information, education and advice on a wide range of energy-related topics, as well as incentives to encourage the installation of energy efficiency measures that are cost-effective to Florida Power customers. Currently, the Better Business Program promotes energy efficiency in heating, air conditioning, lighting, ventilation, motors, water heating equipment, and select building retrofit measures. The Better Business Program, as Florida Power proposes to modify it, would discontinue the Interior Lighting component of the Program.

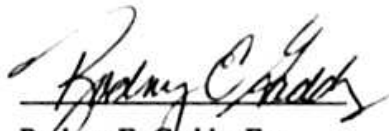
4. The Better Business Program, as modified, will help advance the policy objectives set forth in Rule 25-17.001, Florida Administrative Code, and the FEECA Appendix A, attached hereto, contains the data and results of Florida Power's most recent cost-effectiveness analysis of the Better Business Program using the three Commission prescribed tests of cost-effectiveness, and shows the modified Better Business Program is projected to be cost-effective. By eliminating the Interior Lighting component of the Program, Florida Power will be able to achieve a benefit/cost ratio greater than 1.0 under the KIM, Total Resource Cost and Participant tests.

5. Florida Power is not aware of any disputed issues of material fact.

6. Florida Power respectfully requests that this petition be processed with the Commission's Proposed Agency Action procedure, set forth in Section 120.80(13)(b), Florida Statutes (1996), and Rule 25-22.029, Florida Administrative Code.

WHEREFORE, Florida Power respectfully petitions the Commission to (1) approve the Better Business Program, as modified, (2) allow Florida Power to recover reasonable and prudent expenditures for the Better Business Program, as modified, through Florida Power's ECCR clause, and (3) approve the Better Business Program, as modified, as part of Florida Power's approved DSM Plan.

Respectfully submitted,



Rodney E. Gaddy, Esq.
Assistant General Counsel
Florida Power Corporation
P.O. Box 14042
St. Petersburg, Florida 33733
(813) 866-5098

**Better Business
Program Input Data**

Fixed Administration Cost (\$/year): \$ 20,173

HVAC Equipment

Fixed Administration Cost (\$/year): \$ 5,532

Incentive (\$/participant/year): \$ 2,895

Participants 1998-2008 (new participants/year): 30

Impacts:

Winter kW Reduction	39.80
Summer kW Reduction	29.13
Winter kWh Reduction	9,950
Summer kWh Reduction	31,000

Motors

Fixed Administration Cost (\$/year): \$ 2,314

Incentive (\$/participant/year): \$ 1,626

Participants 1998-2008 (new participants/year): 5

Impacts:

Winter kW Reduction	28.84
Summer kW Reduction	28.84
Winter kWh Reduction	61,464
Summer kWh Reduction	61,464

Heat Recovery Units

Fixed Administration Cost (\$/year): \$ 500

Incentive (\$/participant/year): \$ 100

Participants 1998-2008 (new participants/year): 5

Impacts:

Winter kW Reduction	0.00
Summer kW Reduction	0.33
Winter kWh Reduction	0
Summer kWh Reduction	1000

Roof Insulation Upgrade

Fixed Administration Cost (\$/year): \$ 55

Incentive (\$/participant/year): \$ 13

Participants 1998-2008 (new participants/year): 17

Impacts:

Winter kW Reduction	0.66
Summer kW Reduction	0.85
Winter kWh Reduction	165
Summer kWh Reduction	1,305

Duct Leakage Test & Repair

Fixed Administration Cost (\$/year):	\$ 98
Incentive (\$/participant/year):	\$ 45
Participants 1998-2008 (new participants/year):	20
Impacts:	
Winter kW Reduction	1.51
Summer kW Reduction	0.73
Winter kWh Reduction	378
Summer kWh Reduction	677

Window Film

Fixed Administration Cost (\$/year):	\$ 163
Incentive (\$/participant/year):	\$ 120
Participants 1998-2008 (new participants/year):	5
Impacts:	
Winter kW Reduction	0.17
Summer kW Reduction	0.25
Winter kWh Reduction	43
Summer kWh Reduction	1,480

MEASURE or PROGRAM: Better Business

RATE IMPACT MEASURE TEST

YEAR	BENEFITS					COSTS							NET BENEFITS TO ALL CUSTOMERS \$1000
	(1) FUEL & O & M SAVINGS \$1000	(2) AVOIDED T&D CAP. COSTS \$1000	(3) AVOIDED GEN. CAP. COSTS \$1000	(4) REVENUE GAINS \$1000	(5) TOTAL BENEFITS \$1000	(6) FUEL & O & M INCREASE \$1000	(7) INCREASED T&D CAP. COSTS \$1000	(8) INCREASED GEN. CAP. COSTS \$1000	(9) UTILITY PROGRAM COSTS \$1000	(10) INCENTIVE PAYMENTS \$1000	(11) REVENUE LOSSES \$1000	(12) TOTAL COSTS \$1000	
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	56	8	0	0	64	0	0	0	29	97	91	217	-153
1999	78	16	57	0	151	0	0	0	29	97	182	308	-157
2000	85	24	210	0	319	0	0	0	29	97	273	399	-80
2001	214	32	176	0	422	0	0	0	29	97	364	490	-68
2002	248	41	232	0	521	0	0	0	29	97	455	581	60
2003	307	49	288	0	644	0	0	0	29	97	546	672	-28
2004	376	57	345	0	778	0	0	0	29	97	636	762	16
2005	451	65	408	0	924	0	0	0	29	97	727	853	71
2006	523	73	473	0	1069	0	0	0	29	97	818	944	125
2007	598	81	547	0	1226	0	0	0	29	97	909	1035	191
2008	665	89	617	0	1371	0	0	0	29	97	1000	1126	245
2009	667	89	645	0	1401	0	0	0	0	0	1000	1000	401
2010	677	89	664	0	1430	0	0	0	0	0	1000	1000	430
2011	704	89	692	0	1485	0	0	0	0	0	1000	1000	485
2012	694	89	708	0	1491	0	0	0	0	0	1000	1000	491
2013	715	89	740	0	1544	0	0	0	0	0	1000	1000	544
2014	725	89	763	0	1577	0	0	0	0	0	1000	1000	577
2015	738	89	793	0	1620	0	0	0	0	0	1000	1000	620
2016	751	89	814	0	1654	0	0	0	0	0	1000	1000	654
2017	764	89	849	0	1702	0	0	0	0	0	1000	1000	702
2018	769	89	874	0	1732	0	0	0	0	0	1000	1000	732
2019	790	89	910	0	1789	0	0	0	0	0	1000	1000	789
2020	800	89	933	0	1822	0	0	0	0	0	1000	1000	822
2021	812	89	974	0	1875	0	0	0	0	0	1000	1000	875
2022	842	89	1003	0	1934	0	0	0	0	0	1000	1000	934
2023	849	89	1044	0	1982	0	0	0	0	0	1000	1000	982
2024	856	89	1070	0	2015	0	0	0	0	0	1000	1000	1015
2025	912	89	1113	0	2114	0	0	0	0	0	1000	1000	1114
NOMINAL	16666	2048	17942	0	36656	0	0	0	319	1067	23001	24387	12269
NPV	4026	539	4095	0	8660	0	0	0	181	611	6052	6844	1916

UTILITY DISCOUNT RATE 8.88%
 BENEFIT/COST RATIO (COL 5/COL 12) 1.27

MEASURE or PROGRAM: Better Business

TOTAL RESOURCE COST TEST

YEAR	BENEFITS					COSTS						NET BENEFITS (\$1000)
	(1) TOTAL FUEL & O&M SAVINGS (\$1000)	(2) AVOIDED T&D CAP. COSTS (\$1000)	(3) AVOIDED GEN. CAP. COSTS (\$1000)	(4) OTHER PARTICIPANT BENEFITS (\$1000)	(5) TOTAL BENEFITS (\$1000)	(6) PARTICIPANT'S COSTS (\$1000)	(7) TOTAL FUEL & O&M INCREASE (\$1000)	(8) INCREASED T&D CAP. COSTS (\$1000)	(9) INCREASED GEN. CAP. COSTS (\$1000)	(10) UTILITY PROGRAM COSTS (\$1000)	(11) TOTAL COSTS (\$1000)	
1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	56	8	0	0	64	533	0	0	29	562	-498	
1999	78	16	57	0	151	533	0	0	29	562	-411	
2000	85	24	210	0	319	533	0	0	29	562	-243	
2001	214	32	176	0	422	533	0	0	29	562	-140	
2002	248	41	232	0	521	533	0	0	29	562	-41	
2003	307	49	222	0	644	533	0	0	29	562	82	
2004	376	57	345	0	778	533	0	0	29	562	216	
2005	451	65	408	0	924	533	0	0	29	562	362	
2006	523	73	473	0	1069	533	0	0	29	562	507	
2007	598	81	547	0	1226	533	0	0	29	562	664	
2008	665	89	617	0	1371	533	0	0	29	562	809	
2009	667	89	645	0	1401	0	0	0	0	0	1401	
2010	677	89	664	0	1430	0	0	0	0	0	1430	
2011	704	89	692	0	1485	0	0	0	0	0	1485	
2012	694	89	708	0	1491	0	0	0	0	0	1491	
2013	715	89	740	0	1544	0	0	0	0	0	1544	
2014	725	89	763	0	1577	0	0	0	0	0	1577	
2015	738	89	793	0	1620	0	0	0	0	0	1620	
2016	751	89	814	0	1654	0	0	0	0	0	1654	
2017	764	89	849	0	1702	0	0	0	0	0	1702	
2018	769	89	874	0	1732	0	0	0	0	0	1732	
2019	790	89	910	0	1789	0	0	0	0	0	1789	
2020	800	89	933	0	1822	0	0	0	0	0	1822	
2021	812	89	974	0	1875	0	0	0	0	0	1875	
2022	842	89	1003	0	1934	0	0	0	0	0	1934	
2023	849	89	1044	0	1982	0	0	0	0	0	1982	
2024	856	89	1070	0	2015	0	0	0	0	0	2015	
2025	912	89	1113	0	2114	0	0	0	0	0	2114	
NOMINAL	16666	2048	17942	0	36656	5863	0	0	319	6182	30474	
NPV	4026	539	4095	0	8660	3350	0	0	181	3531	5129	

UTILITY DISCOUNT RATE 8.88%
 BENEFIT/COST RATIO (COL 5/COL 11) 2.45

MEASURE or PROGRAM: Better Business

PARTICIPANT TEST

YEAR	BENEFITS				COSTS			NET BENEFITS TO PARTICIPANTS \$1000
	(1) SAVINGS IN PARTICIPANT'S BILL \$1000	(2) INCENTIVE PAYMENTS \$1000	(3) OTHER PARTICIPANT BENEFITS \$1000	(4) TOTAL BENEFITS \$1000	(5) PARTICIPANT'S COSTS \$1000	(6) PARTICIPANT'S BILL INCREASE \$1000	(7) TOTAL COSTS \$1000	
1996	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0
1998	91	97	0	188	533	0	533	-345
1999	182	97	0	279	533	0	533	-254
2000	273	97	0	370	533	0	533	-163
2001	364	97	0	461	533	0	533	-72
2002	455	97	0	552	533	0	533	19
2003	546	97	0	643	533	0	533	110
2004	636	97	0	733	533	0	533	200
2005	727	97	0	824	533	0	533	291
2006	818	97	0	915	533	0	533	382
2007	909	97	0	1006	533	0	533	473
2008	1000	97	0	1097	533	0	533	564
2009	1000	0	0	1000	0	0	0	1000
2010	1000	0	0	1000	0	0	0	1000
2011	1000	0	0	1000	0	0	0	1000
2012	1000	0	0	1000	0	0	0	1000
2013	1000	0	0	1000	0	0	0	1000
2014	1000	0	0	1000	0	0	0	1000
2015	1000	0	0	1000	0	0	0	1000
2016	1000	0	0	1000	0	0	0	1000
2017	1000	0	0	1000	0	0	0	1000
2018	1000	0	0	1000	0	0	0	1000
2019	1000	0	0	1000	0	0	0	1000
2020	1000	0	0	1000	0	0	0	1000
2021	1000	0	0	1000	0	0	0	1000
2022	1000	0	0	1000	0	0	0	1000
2023	1000	0	0	1000	0	0	0	1000
2024	1000	0	0	1000	0	0	0	1000
2025	1000	0	0	1000	0	0	0	1000
NOMINAL	23001	1067	0	24068	5863	0	5863	18205
NPV	6052	611	0	6663	3350	0	3350	3313

UTILITY DISCOUNT RATE: 8.88%
 BENEFIT/COST RATIO (COL. 4/COL. 7): 1.99

Table 1

DEFERRED GENERATION, TRANSMISSION AND DISTRIBUTION COSTS

ADVANCED COMBUSTION TURBINE #1

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	1999
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	15 %
(11) AVOIDED GENERATING UNIT FUEL COST	2.15 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #3

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	1999
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	4.83 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

DOLK COUNTY COMBINED CYCLE #2

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2000
(3) WINTER CAPACITY	505 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	392.98 \$/KW
(5) GENERATOR COST ESCALATION RATE	2.79 %
(6) GENERATOR FIXED O&M COST	4.30 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.026 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	80 %
(11) AVOIDED GENERATING UNIT FUEL COST	1.38 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #2

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	1999
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	4.83 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #4

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	1999
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	4.83 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #5

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2000
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	4.83 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

Table 1 (Cont'd)

DEFERRED GENERATION, TRANSMISSION AND DISTRIBUTION COSTS

ADVANCED COMBUSTION TURBINE #6

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2000
(3) WINTER CAPACITY	83 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	244.24 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	4.80 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #8

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2001
(3) WINTER CAPACITY	83 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	244.24 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	4.87 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #10

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2005
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	5.05 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #7

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2001
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	4.90 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #9

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2005
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	5.05 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

ADVANCED COMBUSTION TURBINE #11

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2006
(3) WINTER CAPACITY	165 MW
(4) BASE YEAR AVOIDED GENERATING UNIT COST	242.42 \$/KW
(5) GENERATOR COST ESCALATION RATE	3.32 %
(6) GENERATOR FIXED O&M COST	1.80 \$/KW/YR
(7) GENERATOR FIXED O&M ESCALATION RATE	2.79 %
(8) AVOIDED GEN UNIT VARIABLE O&M COSTS	0.354 c/KWH
(9) GEN VARIABLE O&M COST ESCALATION RATE	2.79 %
(10) GENERATOR CAPACITY FACTOR	5 %
(11) AVOIDED GENERATING UNIT FUEL COST	5.13 c/KWH
(12) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.50 %

Table 1 (Cont'd)

DEFERRED GENERATION, TRANSMISSION AND DISTRIBUTION COSTS

AVOIDED TRANSMISSION AND DISTRIBUTION

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED T&D	1997

DISPATCHABLE DSM

(3) BASE YEAR AVOIDED TRANSMISSION COST	79.92 \$/KW
(4) BASE YEAR DISTRIBUTION COST	0 \$/KW
(5) T&D COST ESCALATION RATE	0 %

NON-DISPATCHABLE DSM

(3) BASE YEAR AVOIDED TRANSMISSION COST	115.51 \$/KW
(4) BASE YEAR DISTRIBUTION COST	160.76 \$/KW
(5) T&D COST ESCALATION RATE	4.2 %

Table 2

ELECTRIC RATE INFORMATION BY CUSTOMER CLASS

	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL</u>
(1) FUEL & NON-FUEL COST IN CUSTOMER BILL	7.504 c/KWH	5.702 c/KWH	5.175 c/KWH
(2a) NON-FUEL ESCALATION RATE 1997-2004	2.479 %	2.644 %	2.787 %
(2b) NON-FUEL ESCALATION RATE 2005-2016	2.773 %	2.798 %	2.820 %

BEFORE THE PUBLIC SERVICE COMMISSION

In Re: Petition to Discontinue
the Energy Monitor Conservation Program
by Florida Power Corporation

Docket No:

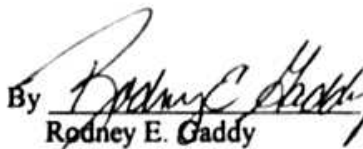
Submitted for filing: February 17, 1998

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on the 17 day of February, 1998, a copy of the foregoing Petition to Discontinue Florida Power Corporation's Energy Monitor Program was served by First Class United States Mail on the following:

Robert V. Elias, Esq.
Chief of Electric and Gas
Division of Legal Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Jack Shreve, Esq.
Public Counsel
Office of Public Counsel
Room 812
111 West Madison Street
Tallahassee, Florida 32399-1400

By 
Rodney E. Gaddy