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& DAVIS

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ORIGINAL<sup>20</sup>  
FILE COPY

Charles A. Guyton  
904-222-3411

May 6, 1997

By Hand Delivery

Blanca S. Bayó, Director  
Records and Reporting  
Florida Public Service Commission  
4075 Esplanade Way, Room 110  
Tallahassee, Florida 32399-0850

770547-EG

**Re: Commercial/Industrial Efficient Motors Program**

Dear Ms. Bayó:

Enclosed for filing on behalf of Florida Power & Light Company are the original and fifteen (15) copies of Petition to Terminate Florida Power & Light Company's Commercial/Industrial Efficient Motors Program.

If you or your Staff have any questions regarding this filing, please contact me.

Very truly yours,



Charles A. Guyton

CAG/ld  
encs  
FAL/19762-1

Miami  
305-577-7000  
305-577-7011 Fax

West Palm Beach  
561-650-7200  
561-655-1509 Fax

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DOCUMENT NUMBER-DATE

04486 MAY-65

FPSC-RECORDS/REPORTING

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

<b>In re: Petition to Terminate</b>	)	<b>Docket No.</b>
<b>Florida Power &amp; Light Company's</b>	)	
<b>Commercial/Industrial Efficient Motors</b>	)	<b>Filed: May 6, 1997</b>
<b>Program</b>	)	

**PETITION TO TERMINATE  
FLORIDA POWER & LIGHT COMPANY'S  
COMMERCIAL/INDUSTRIAL EFFICIENT MOTORS PROGRAM**

Florida Power & Light Company ("FPL"), pursuant to Section 366.82, Florida Statutes (1995), hereby petitions the Florida Public Service Commission ("Commission") to terminate FPL's Commercial/Industrial Efficient Motors Program and remove the Program from FPL's DSM Plan. In support of this petition FPL states:

1. FPL's address is 9250 West Flagler Street, Miami, Florida 33174. Correspondence, notices, orders, motions and other documents concerning this proceeding should be sent to

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

William G. Walker  
Vice President, Regulatory Affairs  
Florida Power & Light Company  
9250 West Flagler Street  
Miami, Florida 33174

2. FPL is an investor-owned electric utility regulated by the Commission pursuant to Chapter 366, Florida Statutes. FPL is subject to the Florida Energy Efficiency Conservation Act ("FEECA"), and its ECCR clause is subject to the Commission's jurisdiction

DOCUMENT NUMBER-DATE  
04486 MAY-65  
FPSC-RECORDS/REPORTING

3. Pursuant to FEECA and the Commission rules implementing FEECA, FPL has an approved DSM plan. See, Order Nos. PSC-95-0691-FOF-EG, PSC-95-1343-S-EG, and PSC-95-1343A-S-EG. FPL has a substantial interest in its approved DSM Plan and maintaining that the programs in the Plan are cost-effective.

4. In October 1992 the Commission approved FPL's Commercial/Industrial Efficient Motors Program. Order No. PSC-92-1118-FOF-EG. In Order Nos. PSC-95-1343-S-EG, and PSC-95-1343A-S-EG, the Commission approved an FPL DSM Plan which included modifications to FPL's Commercial/Industrial Efficient Motors Program. The Commercial/Industrial Efficient Motors Program is a commercial/industrial program designed to reduce FPL's summer and winter coincident peak demand and energy attributable to three phase motors by encouraging small commercial/industrial customers to select a three phase, premium efficiency motor over a standard efficiency motor. It is currently offered only to FPL's GS rate class.

5. As a result of evaluations of the Commercial/Industrial Efficient Motors Program in FPL's planning process, FPL has determined that the Commercial/Industrial Efficient Motors Program is no longer cost-effective as currently designed. FPL's analysis also shows that with a lowering of incentives and administrative costs, the program theoretically could be made cost-effective for the GS class; however, the level of administrative cost and incentives necessary to make the program cost-effective for the GS class is unreasonably low to administer the program. See, Appendix A. Since the Commercial/Industrial Efficient Motors Program, as currently designed, is no longer cost-effective under the RIM test, and since FPL cannot administer the program at the administrative cost and incentive levels necessary for the program to be cost-effective to the GS class, FPL is petitioning for Commission approval to discontinue the Program.

6. Under the Commercial/Industrial Efficient Motors Program, FPL offers two types of rebates: (a) rebates to customers who complete a rebate certificate and forwards documentation to FPL, and (b) rebates to outlets which sell an efficient motor and provide a discount at the time of purchase. FPL proposes to discontinue the Program by discontinuing to process any rebate certificates or rebate reimbursement forms which are related to purchases of efficient motors twenty (20) days after the date the Commission order discontinuing the Program becomes final. FPL would process for eighty days following the date the order terminating the program becomes final all properly documented rebate certificates and rebate reimbursement forms for purchases of efficient motors which predate the twentieth day following the date the Commission's discontinuance order becomes final. After that eighty day period following the termination of the program, FPL will not process any rebate certificates or rebate reimbursement forms.

7. FPL will notify known motor outlets of the Commission's termination of the Efficient Motors Program by mailing to them within five (5) days after the date the termination order becomes final a letter similar to the letter attached as Appendix B.

8. FPL seeks, pursuant to Section 366.82, Florida Statutes, Commission approval of the discontinuance of FPL's Commercial/Industrial Efficient Motors Program and the dropping of the Program from FPL's DSM Plan. FPL further seeks to continue energy conservation cost recovery of Program costs related to termination of the Program and processing for eighty days following the termination of the program the rebates requests and rebate reimbursement forms for sales of efficient motors up through the day the Commission's termination of the Program becomes final. FPL is not aware of any disputed issues of material facts.

WHEREFORE, FPL respectfully requests that the Commission authorize FPL to discontinue its Commercial/Industrial Efficient Motors Program and drop the Commercial/Industrial Efficient Motors Program from FPL's DSM Plan. FPL further requests that it be permitted to recover, through its energy conservation cost recovery clause, Commercial/Industrial Efficient Motors Program costs incurred for eighty days after the date the Commission's order approving the termination of the Program becomes final, as such costs will continue to be incurred in processing rebate certificates and rebate reimbursement forms for purchases of efficient motors issued prior to the twentieth day following the date the Commission's order terminating the Program becomes final

Respectfully submitted,

Steel Hector & Davis LLP  
Suite 601, 215 S. Monroe St  
Tallahassee, Florida 32301

Attorneys for Florida Power  
& Light Company

By   
Charles A. Guyton

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 6th day of May, 1997 a copy of the Petition To Terminate Florida Power & Light Company's Commercial/Industrial Efficient Motors Program was served upon the following people by First Class United States Mail or hand delivery( \* )

Robert V. Elias, Esq. \*  
Division of Legal Services  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32309-0850

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

By   
Charles A. Guyton

TAL/18609-1

# Appendix A

## Cost-effectiveness Run

INPUT DATA - PART 1 CONTINUED  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: Efficient Motors - G5

I PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	1.00 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1.28 kW
(3) kW LINE LOSS PERCENTAGE	8.32 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	3,115.3 kWh
(5) kWh LINE LOSS PERCENTAGE	6.75 %
(6) GROUP LINE LOSS MULTIPLIER	1.0000
(7) CUSTOMER kWh INCREASE AT METER	0.0 kWh

II ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.61229
(5) K FACTOR FOR T & D	1.44767

III UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	--- \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	--- \$/CUST
(3) UTILITY COST ESCALATION RATE	--- %
(4) CUSTOMER EQUIPMENT COST	--- \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	--- %
(6) CUSTOMER O & M COST	--- \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	--- %
(8) INCREASED SUPPLY COSTS	--- \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	--- %
(10) UTILITY DISCOUNT RATE	8.22 %
(11) UTILITY AFUDC RATE	10.70 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	--- \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	--- \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	--- %

IV AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	1996
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2001
(3) IN-SERVICE YEAR FOR AVOIDED T&D	1999-2001
(4) BASE YEAR AVOIDED GENERATING COST	285 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	70 \$/kW
(6) BASE YEAR DISTRIBUTION COST	50 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	2.55 %
(8) GENERATOR FIXED O & M COST	8 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	3.34 %
(10) TRANSMISSION FIXED O & M COST	2.73 \$/kW
(11) DISTRIBUTION FIXED O & M COST	13.01 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	3.34 %
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.030 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.47 %
(15) GENERATOR CAPACITY FACTOR	30% (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	1.88 CENTS PER kWh (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	5.03 %

V NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	--- CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	--- %
(3) DEMAND CHARGE IN CUSTOMER BILL	--- \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	--- %

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK  
 --- VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)  
 --- PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2



\* INPUT DATA - PART 1 CONTINUED  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME: Ercott Mission - G3

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
1986	0	0	0	0	0	0	0	0	0	
1987	0	0	0	0	0	0	0	0	0	
1988	313	229	0	542	76	0	872	0	872	
1989	320	229	0	549	234	0	862	0	862	
2000	327	229	0	556	365	0	911	0	911	
2001	0	0	0	0	481	0	0	0	0	
2002	0	0	0	0	462	0	0	0	0	
2003	0	0	0	0	468	0	0	0	0	
2004	0	0	0	0	473	0	0	0	0	
2005	0	0	0	0	473	0	0	0	0	
2006	0	0	0	0	487	0	0	0	0	
2007	0	0	0	0	496	0	0	0	0	
2008	0	0	0	0	509	0	0	0	0	
2009	0	0	0	0	521	0	0	0	0	
2010	0	0	0	0	563	0	0	0	0	
2011	0	0	0	0	569	0	0	0	0	
2012	0	0	0	0	561	0	0	0	0	
2013	498	229	0	698	598	0	1,307	0	1,307	
2014	493	229	0	712	608	0	1,346	0	1,346	
2015	498	229	0	727	608	0	1,366	0	1,366	
2016	0	0	0	0	617	0	0	0	0	
2017	0	0	0	0	627	0	0	0	0	
2018	0	0	0	0	638	0	0	0	0	
2019	0	0	0	0	649	0	0	0	0	
2020	0	0	0	0	651	0	0	0	0	
<b>NOI</b>	<b>2,410</b>	<b>1,374</b>	<b>0</b>	<b>3,784</b>	<b>11,754</b>	<b>0</b>	<b>6,713</b>	<b>0</b>	<b>6,713</b>	
<b>NPV</b>	<b>1,034</b>	<b>660</b>	<b>0</b>	<b>1,704</b>	<b>3,799</b>	<b>0</b>	<b>2,681</b>	<b>0</b>	<b>2,681</b>	

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

\*\* NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

CALCULATION OF GEN K-FACTOR  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME: Escort Mission - GS

YEAR	(2) MID-YEAR RATE BASE \$ (000)	(3) DEBT \$ (000)	(4) PREFERRED STOCK \$ (000)	(5) COMMON EQUITY \$ (000)	(6) INCOME TAXES \$ (000)	(7) OTHER TAXES & INSURANCE \$ (000)	(8) DEPREC \$ (000)	(9) DEFERRED TAXES \$ (000)	(10) TOTAL FIXED CHARGES \$ (000)	(11) PRESENT WORTH FIXED CHARGES \$ (000)	(12) CUMULATIVE PW FIXED CHARGES \$ (000)
2001	1,309	54	0	90	35	19	44	3	260	280	280
2002	1,254	48	0	86	28	18	44	20	252	231	491
2003	1,191	46	0	82	26	18	44	17	243	203	694
2004	1,131	43	0	78	24	18	44	15	234	179	873
2005	1,074	41	0	74	22	18	44	12	225	158	1,032
2006	1,019	39	0	70	20	18	44	10	217	139	1,171
2007	966	37	0	66	18	18	44	8	209	123	1,294
2008	915	35	0	63	16	18	44	6	193	108	1,422
2009	864	33	0	58	15	18	44	6	186	96	1,498
2010	814	31	0	56	14	18	44	6	180	84	1,562
2011	764	29	0	53	13	18	44	6	178	74	1,606
2012	714	27	0	48	12	18	44	6	171	65	1,720
2013	664	25	0	46	11	18	44	6	163	57	1,777
2014	614	23	0	42	10	18	44	6	156	50	1,827
2015	564	22	0	39	9	18	44	6	149	43	1,870
2016	514	20	0	35	8	18	44	6	141	38	1,907
2017	464	18	0	32	7	18	44	6	133	33	1,940
2018	414	16	0	28	6	18	44	6	126	28	1,968
2019	364	14	0	25	5	18	44	6	118	24	1,992
2020	314	12	0	22	4	18	44	6	111	21	2,013
2021	270	10	0	19	3	18	44	6	104	18	2,031
2022	226	9	0	16	2	18	44	6	99	16	2,048
2023	209	8	0	14	2	18	44	6	95	14	2,060
2024	181	7	0	12	2	18	44	6	91	12	2,072
2025	153	6	0	11	2	18	44	6	87	10	2,082
2026	125	5	0	9	2	18	44	6	82	9	2,091
2027	97	4	0	7	2	18	44	6	78	8	2,099
2028	70	3	0	5	2	18	44	6	74	7	2,108
2029	42	2	0	3	2	18	44	6	70	6	2,112
2030	14	1	0	1	1	18	44	6	66	5	2,117

IN SERVICE COST (\$000)  
IN SERVICE YEAR 1,313  
BOOK LIFE (YRS) 30  
EFFEC TAX RATE 38.57%  
DISCOUNT RATE 9.22%  
OTAX & BMS RATE 1.40%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	45%	8.50%
P/S	0%	0.00%
C/S	55%	12.50%

K-FACTOR = CPWFC / IN-SVC COST \*

1.61229

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME ERICSON MISSO - GS

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX SCHEDULE	TAX DEPRECIATION	ACCUMULATED TAX DEPRECIATION	BOOK DEPRECIATION	ACCUMULATED BOOK DEPRECIATION	BOOK DEPRECIATION FOR DEFERRED TAX	ACCUMULATED BOOK DEPRECIATION FOR DEFERRED TAX	DEFERRED TAX DUE TO DEPRECIATION	TOTAL EQUITY AFUDC	BOOK DEPR RATE MINUS 1/LIFE	TAX RATE (10/111)	SALVAGE TAX RATE	ANNUAL DEFERRED TAX (9)-(12)-(13)	ACCUMULATED DEFERRED TAX
	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)		\$(000)	\$(000)	\$(000)	\$(000)
2001	3.75%	48	48	44	44	41	41	3	73	0	0	0	3	(16)
2002	7.27%	93	141	44	88	41	83	20	73	0	0	0	20	4
2003	8.68%	96	227	44	131	41	124	17	73	0	0	0	17	21
2004	6.16%	50	307	44	175	41	165	15	73	0	0	0	15	36
2005	5.71%	74	381	44	219	41	207	12	73	0	0	0	12	48
2006	5.20%	68	449	44	263	41	248	10	73	0	0	0	10	58
2007	4.89%	63	512	44	308	41	289	8	73	0	0	0	8	67
2008	4.52%	58	570	44	350	41	331	7	73	0	0	0	7	76
2009	4.46%	58	628	44	394	41	372	6	73	0	0	0	6	86
2010	4.46%	58	685	44	438	41	413	6	73	0	0	0	6	96
2011	4.46%	58	743	44	481	41	455	6	73	0	0	0	6	106
2012	4.46%	58	800	44	525	41	498	6	73	0	0	0	6	116
2013	4.46%	58	858	44	569	41	537	6	73	0	0	0	6	126
2014	4.46%	58	915	44	613	41	579	6	73	0	0	0	6	136
2015	4.46%	58	973	44	657	41	620	6	73	0	0	0	6	146
2016	4.46%	58	1,030	44	700	41	661	6	73	0	0	0	6	156
2017	4.46%	58	1,088	44	744	41	703	6	73	0	0	0	6	166
2018	4.46%	58	1,145	44	788	41	744	6	73	0	0	0	6	176
2019	4.46%	58	1,203	44	832	41	785	6	73	0	0	0	6	186
2020	4.46%	58	1,260	44	875	41	827	6	73	0	0	0	6	196
2021	2.23%	29	1,289	44	918	41	868	(5)	73	0	0	0	(5)	200
2022	0.00%	0	1,289	44	963	41	909	(18)	73	0	0	0	(18)	182
2023	0.00%	0	1,289	44	1,007	41	951	(16)	73	0	0	0	(16)	166
2024	0.00%	0	1,289	44	1,050	41	992	(16)	73	0	0	0	(16)	180
2025	0.00%	0	1,289	41	1,094	41	1,033	(16)	73	0	0	0	(16)	194
2026	0.00%	0	1,289	44	1,138	41	1,075	(16)	73	0	0	0	(16)	208
2027	0.00%	0	1,289	44	1,182	41	1,116	(16)	73	0	0	0	(16)	222
2028	0.00%	0	1,289	44	1,226	41	1,158	(16)	73	0	0	0	(16)	236
2029	0.00%	0	1,289	44	1,269	41	1,199	(16)	73	0	0	0	(16)	250
2030	0.00%	0	1,289	44	1,313	41	1,240	(16)	73	0	0	0	(16)	264

SALVAGE / REMOVAL COST	6.00
YEAR SALVAGE / COST OF REMOVAL	2020
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(19)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	73
BOOK DEPR RATE - 1/USEFUL LIFE	3.31%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME (Roulet Mixers - G3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION	DEFERRED TAX	END OF YEAR NET PLANT IN SERVICE	ACCUMULATED DEPRECIATION	ACCUMULATED DEF TAXES	BEGINNING YEAR RATE BASE
	\$ (000)	\$ (000)	\$ (000)	\$ (000)	\$ (000)	\$ (000)	\$ (000)
2001	3.75%	48	3	1,288	44	1,332	1,285
2002	7.27%	93	20	1,226	68	1,294	1,222
2003	6.68%	86	17	1,182	131	1,311	1,181
2004	6.16%	80	15	1,138	175	1,313	1,102
2005	5.71%	74	12	1,094	219	1,313	1,046
2006	5.29%	68	10	1,050	263	1,313	982
2007	4.89%	63	8	1,007	308	1,311	940
2008	4.52%	58	7	963	350	1,311	889
2009	4.46%	58	6	919	394	1,311	838
2010	4.46%	58	6	875	438	1,311	789
2011	4.46%	58	6	832	481	1,311	739
2012	4.46%	58	6	788	525	1,311	689
2013	4.46%	58	6	744	569	1,311	639
2014	4.46%	58	6	700	613	1,311	589
2015	4.46%	58	6	657	657	1,311	539
2016	4.46%	58	6	612	702	1,311	489
2017	4.46%	58	6	569	744	1,311	439
2018	4.46%	58	6	525	788	1,311	389
2019	4.46%	58	6	481	832	1,311	339
2020	4.46%	58	6	438	875	1,311	289
2021	2.27%	29	(5)	394	918	1,311	239
2022	0.00%	0	(16)	350	963	1,311	189
2023	0.00%	0	(16)	306	1,007	1,311	139
2024	0.00%	0	(16)	263	1,050	1,311	89
2025	0.00%	0	(16)	219	1,094	1,311	39
2026	0.00%	0	(16)	175	1,138	1,311	(11)
2027	0.00%	0	(16)	131	1,182	1,311	(61)
2028	0.00%	0	(16)	88	1,226	1,311	(111)
2029	0.00%	0	(16)	44	1,269	1,311	(161)
2030	0.00%	0	(16)	(2)	1,313	1,311	(211)

\* Column not specified in workbook

(1)	(2)	(3)	(4)	(5)	(6)	(7)
YEAR	NO YEARS BEFORE IN-SERVICE	PLANT ESCALATION RATE	CUMULATIVE ESCALATION FACTOR	YEARLY EXPENDITURE (%)	ANNUAL AVERAGE SPENDING (\$/kW)	CUMULATIVE AVERAGE SPENDING (\$/kW)
1996	5	0.00%	1.000	0.00%	0.00	0.00
1997	4	2.50%	1.026	0.00%	0.00	0.00
1998	3	2.50%	1.052	0.00%	0.00	0.00
1999	2	2.67%	1.080	26.77%	113.15	56.57
2000	1	2.80%	1.111	53.23%	200.20	213.25

  

(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)			
YEAR	NO YEARS BEFORE IN-SERVICE	CUMULATIVE SPENDING WITH AFUDC (\$/kW)	DEBT AFUDC (\$/kW)	CUMULATIVE DEBT AFUDC (\$/kW)	YEARLY TOTAL AFUDC (\$/kW)	CUMULATIVE TOTAL AFUDC (\$/kW)	CONSTRUCTION PERIOD INTEREST (\$/kW)	CUMULATIVE CPI (\$/kW)	DEFERRED TAXES (\$/kW)	CUMULATIVE DEFERRED TAXES (\$/kW)	INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
1996	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	2	56.57	2.16	2.16	6.05	6.05	4.81	4.81	(1.02)	(1.02)	119.20	119.20
2000	1	219.30	8.40	10.58	23.57	29.63	18.33	23.34	(3.90)	(4.92)	223.77	342.87

  

		10.58	28.63	23.34	(4.92)	342.87

	BOOK BASIS	BOOK BASIS	BOOK BASIS	TAX BASIS
	FOR DEF TAX	FOR DEF TAX	FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	1,300	1,300	1,300	1,200
EQUITY AFUDC	73			
DEBT AFUDC	41	41	41	
CPI				
TOTAL	1,414	1,341	1,341	1,200

IN SERVICE YEAR 2001  
PLANT COSTS 205  
AFUDC RATE 10.70%

\* Column not specified in workbook

INPUT DATA - PART 2  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME Efficient Motors - 03

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
YEAR	CUMULATIVE PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/MWH)	AVOIDED MARGINAL FUEL COST (C/MWH)	INCREASED MARGINAL FUEL COST (C/MWH)	REPLACEMENT FUEL COST (C/MWH)	PROGRAM HW EFFECTIVENESS FACTOR	PROGRAM VHW EFFECTIVENESS FACTOR
1988	0	0	0.00	2.62	2.41	0.00	1.00	1.00
1989	0	0	0.00	2.63	2.44	0.00	1.00	1.00
1990	1,000	1,000	0.00	2.80	2.54	0.00	1.00	1.00
1991	2,000	2,000	0.00	2.82	2.59	0.00	1.00	1.00
2000	3,000	3,000	0.00	3.16	3.70	0.00	1.00	1.00
2001	3,000	3,000	0.00	3.56	2.93	2.26	1.00	1.00
2002	3,000	3,000	0.00	3.48	2.90	2.50	1.00	1.00
2003	3,000	3,000	0.00	3.45	2.89	2.49	1.00	1.00
2004	3,000	3,000	0.00	3.74	3.11	2.86	1.00	1.00
2005	3,000	3,000	0.00	3.88	3.23	3.22	1.00	1.00
2006	3,000	3,000	0.00	4.12	3.42	3.45	1.00	1.00
2007	3,000	3,000	0.00	4.37	3.64	3.76	1.00	1.00
2008	3,000	3,000	0.00	4.53	3.79	3.87	1.00	1.00
2009	3,000	3,000	0.00	4.78	3.99	3.83	1.00	1.00
2010	3,000	3,000	0.00	5.10	4.09	4.38	1.00	1.00
2011	3,000	3,000	0.00	5.28	4.43	4.76	1.00	1.00
2012	3,000	3,000	0.00	5.67	4.65	4.74	1.00	1.00
2013	3,000	3,000	0.00	5.85	4.75	5.02	1.00	1.00
2014	3,000	3,000	0.00	6.06	4.91	5.08	1.00	1.00
2015	3,000	3,000	0.00	6.55	5.34	5.87	1.00	1.00
2016	3,000	3,000	0.00	6.78	5.47	5.80	1.00	1.00
2017	3,000	3,000	0.00	6.99	5.59	5.95	1.00	1.00
2018	3,000	3,000	0.00	7.33	5.85	6.33	1.00	1.00
2019	3,000	3,000	0.00	7.59	6.00	6.44	1.00	1.00
2020	3,000	3,000	0.00	7.77	6.18	6.53	1.00	1.00

\* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.  
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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 AVOIDED GENERATING BENEFITS  
 PROGRAM METHOD SELECTED REV\_REG  
 PROGRAM NAME E-Rownt Millers - GS

YEAR	(7) AVOIDED CAPACITY COST GEN UNIT \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
1998	0	0	0	0	0	0
1997	0	0	0	0	0	0
1996	0	0	0	0	0	0
1995	0	0	0	0	0	0
2000	0	0	0	0	0	0
2001	260	37	3	189	226	263
2002	252	38	3	149	198	253
2003	243	40	2	124	138	271
2004	234	41	2	137	170	244
2005	225	43	2	162	162	241
2006	217	45	2	199	218	245
2007	209	47	3	223	238	243
2008	201	49	3	234	232	255
2009	193	51	2	198	210	235
2010	185	53	1	114	139	215
2011	178	56	1	119	149	205
2012	171	58	3	224	264	192
2013	163	61	2	225	264	189
2014	156	64	2	211	248	186
2015	148	67	3	258	296	180
2016	141	70	2	212	251	173
2017	133	73	2	170	206	172
2018	126	76	2	207	244	166
2019	118	79	2	205	241	164
2020	111	82	2	193	229	159

NCM	3,088	1,129	45	3,752	4,342	4,250
NPV	1,295	315	15	1,131	1,307	1,449

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AVOIDED T&D AND PROGRAM FUEL SAVINGS  
PROGRAM METHOD SELECTED REV., REQ  
PROGRAM NAME Efficient Motors - GS

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$ (000)	(3) AVOIDED TRANSMISSION O&M COST \$ (000)	(4) TOTAL AVOIDED TRANSMISSION COST \$ (000)	(5) AVOIDED DISTRIBUTION CAP COST \$ (000)	(6) AVOIDED DISTRIBUTION O&M COST \$ (000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$ (000)	(8) PROGRAM FUEL SAVINGS \$ (000)	(9) PROGRAM OFF-PEAK PAYBACK \$ (000)
1988	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	34	0
1989	17	4	20	11	17	28	108	0
2000	33	8	41	22	35	57	196	0
2001	48	13	61	32	55	86	268	0
2002	47	13	60	31	57	88	259	0
2003	45	14	59	29	58	89	259	0
2004	43	14	57	28	62	90	262	0
2005	42	15	56	27	64	92	263	0
2006	40	15	55	26	67	93	261	0
2007	39	16	55	25	70	95	250	0
2008	37	17	54	24	73	97	241	0
2009	36	17	53	23	76	100	231	0
2010	34	18	52	22	80	102	222	0
2011	33	19	52	21	83	104	213	0
2012	31	20	51	20	87	107	204	0
2013	30	21	50	19	91	110	195	0
2014	28	22	50	18	95	113	186	0
2015	27	23	49	17	99	117	177	0
2016	25	24	49	16	104	120	168	0
2017	24	25	48	16	108	124	159	0
2018	22	26	48	15	113	127	150	0
2019	21	27	48	14	117	131	141	0
2020	20	28	48	13	122	135	132	0
NOM	719	387	1,115	471	1,733	2,204	8,407	0
MPV	274	116	390	180	507	897	2,485	0

\* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.



TOTAL RESOURCE COST TEST  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME Erlang Motors - GS

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$000	UTILITY PROGRAM COSTS \$000	PARTICIPANT PROGRAM COSTS \$000	OTHER COSTS \$000	TOTAL COSTS \$000	AVOIDED GEN UNIT BENEFITS \$000	AVOIDED T&D BENEFITS \$000	PROGRAM FUEL SAVINGS \$000	OTHER BENEFITS \$000	TOTAL BENEFITS \$000	NET BENEFITS \$000	CUMULATIVE DISCOUNTED NET BENEFITS \$000
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	0	313	0	0	1,185	0	0	34	0	34	(1,151)	(965)
1999	0	320	882	0	1,212	0	48	108	0	156	(1,775)	(1,775)
2000	0	327	911	0	1,239	0	87	196	0	283	(945)	(2,439)
2001	0	0	0	0	0	263	0	146	0	409	679	(2,002)
2002	0	0	0	0	0	253	147	259	0	660	660	(1,614)
2003	0	0	0	0	0	271	147	259	0	677	677	(1,248)
2004	0	0	0	0	0	244	146	252	0	642	673	(817)
2005	0	0	0	0	0	241	146	252	0	642	687	(608)
2006	0	0	0	0	0	245	149	311	0	705	705	(317)
2007	0	0	0	0	0	243	150	330	0	723	723	(43)
2008	0	0	0	0	0	255	151	341	0	747	747	218
2009	0	0	0	0	0	236	153	361	0	748	748	654
2010	0	0	0	0	0	215	154	388	0	757	757	874
2011	0	0	0	0	0	205	156	407	0	768	768	878
2012	0	0	0	0	0	182	158	430	0	779	779	1,068
2013	0	489	1,307	0	1,778	189	160	445	0	794	(881)	849
2014	0	483	1,346	0	1,829	186	163	462	0	811	(1,019)	841
2015	0	488	1,386	0	1,883	180	166	468	0	844	(1,042)	447
2016	0	0	0	0	0	173	169	517	0	859	859	594
2017	0	0	0	0	0	172	172	534	0	877	877	722
2018	0	0	0	0	0	166	175	560	0	902	902	861
2019	0	0	0	0	0	164	179	581	0	923	923	962
2020	0	0	0	0	0	159	183	595	0	936	936	1,295

NOM	0	2,410	6,713	0	6,123	4,250	3,320	8,487	0	16,028	6,008	
NPV	0	1,034	2,681	0	3,915	1,449	1,277	2,485	0	5,010	1,056	

Discount Rate 9.22 %  
Benefit:Cost Ratio (Col(11)/Col(5)) 1.38

PARTICIPANT COSTS AND BENEFITS  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME: E-Books Matrix - 03

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$ (000)	TAX CREDITS \$ (000)	UTILITY REBATES \$ (000)	OTHER BENEFITS \$ (000)	TOTAL BENEFITS \$ (000)	CUSTOMER EQUIPMENT COSTS \$ (000)	CUSTOMER O&M COSTS \$ (000)	OTHER COSTS \$ (000)	TOTAL COSTS \$ (000)	NET BENEFITS \$ (000)	CUMULATIVE DISCOUNTED NET BENEFITS \$ (000)
1996	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0
1998	103	0	229	0	332	672	0	0	672	(540)	(433)
1999	318	0	229	0	545	892	0	0	892	(719)	(833)
2000	500	0	229	0	729	911	0	0	911	(162)	(833)
2001	2071	0	0	0	623	0	0	0	0	623	(432)
2002	624	0	0	0	624	0	0	0	0	624	(84)
2003	630	0	0	0	630	0	0	0	0	630	276
2004	640	0	0	0	640	0	0	0	0	640	541
2005	639	0	0	0	639	0	0	0	0	639	890
2006	658	0	0	0	658	0	0	0	0	658	1,152
2007	670	0	0	0	670	0	0	0	0	670	1,426
2008	687	0	0	0	687	0	0	0	0	687	1,645
2009	704	0	0	0	704	0	0	0	0	704	1,868
2010	781	0	0	0	781	0	0	0	0	781	2,090
2011	769	0	0	0	769	0	0	0	0	769	2,294
2012	785	0	0	0	785	0	0	0	0	785	2,486
2013	796	0	229	0	1,025	1,307	0	0	1,307	(282)	2,423
2014	823	0	229	0	1,052	1,346	0	0	1,346	(294)	2,303
2015	822	0	229	0	1,051	1,386	0	0	1,386	(325)	2,300
2016	833	0	0	0	833	0	0	0	0	833	2,443
2017	848	0	0	0	848	0	0	0	0	848	2,576
2018	862	0	0	0	862	0	0	0	0	862	2,700
2019	877	0	0	0	877	0	0	0	0	877	2,815
2020	893	0	0	0	893	0	0	0	0	893	2,922
NOM	11,894	0	1,374	0	17,268	6,713	0	0	6,713	10,545	
NPV	1,134	0	669	0	5,803	2,881	0	0	2,881	2,922	

2001	9.22	%
Benefit/Cost Ratio ( Col(6) / Col(10) )	2.81	

In Service of Gen Line  
Discount Rate

NATE IMPACT TEST  
PROGRAM METHOD SELECTED REV\_REQ  
PROGRAM NAME Efficient Motors - GS

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS \$'(000)	UTILITY PROGRAM COSTS \$'(000)	INCENTIVES \$'(000)	REVENUE LOSSES \$'(000)	OTHER COSTS \$'(000)	TOTAL COSTS \$'(000)	AVOIDED GEN UNIT & FUEL COSTS \$'(000)	AVOIDED T&D BENEFITS \$'(000)	REVENUE GAINS \$'(000)	OTHER BENEFITS \$'(000)	TOTAL BENEFITS \$'(000)	NET BENEFITS \$'(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$'(000)
1998	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
1996	0	213	279	78	0	618	34	0	0	0	34	(384)	(480)
1999	0	320	229	234	0	783	108	48	0	0	156	(827)	(871)
2000	0	327	229	385	0	941	186	97	0	0	283	(848)	(1,426)
2001	0	0	0	461	0	461	531	148	0	0	679	217	(1,288)
2002	0	0	0	462	0	462	513	147	0	0	660	188	(1,170)
2003	0	0	0	468	0	468	530	147	0	0	677	211	(1,056)
2004	0	0	0	473	0	473	526	148	0	0	673	200	(957)
2005	0	0	0	473	0	473	534	148	0	0	682	209	(852)
2006	0	0	0	487	0	487	556	149	0	0	705	218	(773)
2007	0	0	0	496	0	496	573	150	0	0	722	227	(687)
2008	0	0	0	509	0	509	596	151	0	0	747	238	(604)
2009	0	0	0	521	0	521	595	153	0	0	748	227	(532)
2010	0	0	0	563	0	563	623	154	0	0	757	194	(476)
2011	0	0	0	569	0	569	612	156	0	0	768	199	(423)
2012	0	0	0	581	0	581	621	158	0	0	779	188	(374)
2013	0	489	229	589	0	1,287	634	160	0	0	794	188	(482)
2014	0	483	229	609	0	1,321	648	163	0	0	811	188	(484)
2015	0	488	229	608	0	1,335	678	166	0	0	844	188	(500)
2016	0	0	0	617	0	617	690	169	0	0	859	188	(539)
2017	0	0	0	627	0	627	705	172	0	0	877	250	(500)
2018	0	0	0	638	0	638	727	175	0	0	902	264	(582)
2019	0	0	0	648	0	648	745	179	0	0	923	274	(526)
2020	0	0	0	661	0	661	753	183	0	0	936	275	(483)

MOM	0	2,410	1,374	11,734	0	15,538	12,707	3,320	0	0	16,028	489	
NPV	0	1,034	669	3,799	0	5,503	3,834	1,077	0	0	8,010	(482)	

Discount Rate  
Benefit/Cost Ratio (Col(12) / Col(13)) 0.22 %  
0.81

## APPENDIX B

(Date)

(Motor Outlet Name)

RE: Phase Out of Commercial / Industrial Efficient Motors Program

This is to inform you that the Florida Public Service Commission has approved the discontinuance of FPL's Commercial / Industrial Efficient Motors Program effective (date final order becomes effective).

Any Rebate Certificates or Dealer Rebate Reimbursement Forms dated after (date final order becomes effective + 20 days) will not be honored. FPL will process properly documented Rebate Certificates or Dealer Rebate Reimbursement Forms which predate (date final order becomes effective + 20 days) if received by (date final order becomes effective + 80 days). Subsequent to (date final order becomes effective + 80 days) no Rebate Certificates or Dealer Rebate Reimbursement Forms will be processed.

Please mail all required paperwork to:

(Name)  
Program Manager - RS/GO  
Efficient Motors Rebate  
P.O. Box 029199  
Miami, FL 33102-9100

If you have any questions, please call me at (telephone number).

(Name)  
Commercial / Industrial Efficient  
Motors Program Manager