

**BEFORE THE FLORIDA  
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 090002-EG  
FLORIDA POWER & LIGHT COMPANY**

**MAY 1, 2009**

**ENERGY CONSERVATION COST RECOVERY  
FACTOR  
FINAL TRUE-UP**

**JANUARY 2008 THROUGH DECEMBER 2008**

**TESTIMONY & EXHIBITS OF:**

**L. M. HERRERA**

COM 5  
ECR 1  
GCL 1  
OPC \_\_\_\_\_  
RCP 1  
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CLK St. Rep.

DOCUMENT NUMBER-DATE

04149 MAY-18

COMMISSION CLERK

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

**FLORIDA POWER & LIGHT COMPANY**

**TESTIMONY OF LEONOR M. HERRERA**

**DOCKET NO. 090002-EG**

**May 1, 2009**

1 **Q. Please state your name, business address, employer and position.**

2 A. My name is Leonor M. Herrera, and my business address is 9250 West Flagler  
3 Street, Miami, Florida 33174. I am employed by Florida Power and Light  
4 Company (FPL or the Company) as Manager of Residential Demand Side  
5 Management (DSM) Programs.

6

7 **Q. Please describe your educational and professional background and**  
8 **experience.**

9 A. I received a Bachelor of Business Administration Degree from Florida  
10 International University in 1982 and joined the accounting firm of Deloitte &  
11 Touche. I was hired by FPL in 1984 as an accountant and have worked in  
12 positions of increasing responsibility in the areas of Accounting, Budgeting,  
13 Project Management, Marketing, and Residential and Business Product Support.  
14 For the past ten years I have performed in a managerial role.

15

16 **Q. What are your responsibilities and duties as a Manager of Residential DSM**  
17 **Programs?**

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FPSC-COMMISSION CLERK

1 A. I am responsible for managing DSM products and services related to FPL's  
2 residential customers. This includes overseeing the implementation, development  
3 of systems, training and tracking of the various DSM programs offered to  
4 residential customers. During 2008, I was also responsible for the same functions  
5 for the various DSM programs offered to FPL's business customers.

6

7 **Q. What is the purpose of your testimony?**

8 A. The purpose of my testimony is (1) to present the actual conservation-related  
9 revenues and costs associated with FPL's energy conservation programs for the  
10 period January 2008 through December 2008 and (2) to present the net  
11 underrecovery for the period January 2008 through December 2008 to be carried  
12 forward for inclusion in FPL's 2010 Energy Conservation Cost Recovery (ECCR)  
13 factors.

14

15 **Q. Have you prepared or had prepared under your supervision and control an  
16 exhibit?**

17 A. Yes. I am sponsoring Exhibit LMH-1, which is attached to my testimony and  
18 consists of Schedules CT-1 through CT-6 and Appendix A. Appendix A is the  
19 documentation required by Rule 25-17.015(5), Florida Administrative Code,  
20 regarding specific claims of energy savings in advertisements. While I am  
21 sponsoring all of Exhibit LMH-1, parts of the exhibit are sponsored by Mr. Terry  
22 J. Keith, Director of Cost Recovery Clauses. Exhibit LMH-1, Table of Contents,  
23 Page 1 of 1, identifies the portions sponsored by myself and Mr. Keith.

1 **Q. What is the actual end of period true-up amount which FPL is requesting for**  
2 **the January 2008 through December 2008 period?**

3 A. FPL has calculated and is requesting approval of an underrecovery of \$26,477,160  
4 as the actual end of period true-up amount for the period.

5  
6 **Q. What is the net true-up amount for the January 2008 through December**  
7 **2008 period which FPL is requesting to be carried over and included in the**  
8 **January 2010 through December 2010 factor?**

9 A. FPL has calculated and is requesting approval of an underrecovery of \$4,994,170  
10 as the net true-up amount for the period. The net true-up underrecovery of  
11 \$4,994,170 is the difference between the actual end of period true-up  
12 underrecovery of \$26,477,160 and the estimated/actual true-up underrecovery of  
13 \$21,482,987 approved by the Commission in Order No. PSC-08-0783-FOF-EG,  
14 issued December 1, 2008. This calculation is shown on Exhibit (LMH-1),  
15 Schedule CT-2, Page 1 of 5.

16  
17 **Q. Was the calculation of the net true-up amount for the period January 2008**  
18 **through December 2008 performed consistently with the prior true-up**  
19 **calculations in this and the predecessor conservation cost recovery dockets?**

20 A. Yes. FPL's net true-up was calculated consistent with the methodology set forth in  
21 Schedule 1, page 2 of 2 attached to Order No. 10093, dated June 19, 1981. The  
22 schedules sponsored by Mr. Keith detail this calculation.

1 **Q. For the January 2008 through December 2008 period, did FPL seek recovery**  
2 **of any advertising costs which makes a specific claim of potential energy**  
3 **savings or states appliance efficiency ratings or savings?**

4 **A. Yes. A copy of the advertising, data sources and calculations used to substantiate**  
5 **the savings are included in Appendix A, Pages 1A – 2C.**

6

7 **Q. Did FPL make the necessary adjustments so that total 2007 and 2008 net**  
8 **ECCR recovery associated with the Green Power Pricing Program equals**  
9 **zero per PSC Order No. PSC-08-0833-PAA-EI, issued December 23, 2008?**

10 **A. Yes. In the 2007 ECCR Final True-Up filed on May 1, 2008, FPL included actual**  
11 **expenses of \$14,100 associated with the Green Power Pricing Program. Per Order**  
12 **No. PSC-08-0833-PAA-EI, issued December 23, 2008 in Docket No. 070626-EI,**  
13 **FPL reduced its 2008 Green Power Pricing Program expenses by \$14,100, as**  
14 **shown on Schedule CT-2, page 2 of 5, line 21 so that the net 2007 and 2008**  
15 **ECCR expenses for this program equals zero.**

16

17 **Q. Are all costs listed in Schedule CT-2 attributable to Commission approved**  
18 **programs?**

19 **A. Yes.**

20

21 **Q. How did FPL's actual program expenditures for January 2008 through**  
22 **December 2008 compare to the Estimated/Actual presented in Docket No.**  
23 **080002-EG, and approved per Order No. PSC-08-0783-FOF-EG?**

1 A. Total expenditures for January 2008 through December 2008 were estimated to be  
2 \$179,513,487 (CT-2, Page 1 of 5, Estimate Column, Line 13). The actual  
3 expenditures for the period were \$180,016,994 (CT-2, Page 1 of 5, Actual  
4 Column, Line 13). This represents a period variance of \$503,507 more than  
5 projected. This variance is detailed by program on Schedule CT-2, Page 3 of 5,  
6 Line 25 and is explained in Program Description and Progress Reports, Schedule  
7 CT-6, Pages 1 through 62.

8

9 **Q. What was the source of the data used in calculating the actual true-up**  
10 **amount?**

11 A. Unless otherwise indicated, the data used in calculating the actual true-up amount  
12 was taken from the books and records of FPL. The books and records are kept in  
13 the regular course of our business in accordance with generally accepted  
14 accounting principles and practices, and provisions of the Uniform System of  
15 Accounts as prescribed by this Commission. As directed in Rule 25-17.015,  
16 Florida Administrative Code, Schedules CT-2, Pages 4 and 5 of 5, provide a  
17 complete list of all account numbers used for conservation cost recovery during  
18 the period January 2008 through December 2008.

19

20 **Q. Does that conclude your testimony?**

21 A. Yes.

Schedule

Prepared By

CT-1, Page 1 of 1

Terry J. Keith

CT-2, Page 1 of 5, Lines 1 -11

Leonor M. Herrera

CT-2, Page 1 of 5, Lines 12 - 19

Terry J. Keith

CT-2, Pages 2 - 5 of 5

Leonor M. Herrera

CT-3, Pages 1 of 3

Leonor M. Herrera

CT-3, Pages 2 - 3 of 3

Terry J. Keith

CT-4, Pages 1 - 2 of 2, Line 1

Leonor M. Herrera

CT-4, Pages 1 - 2 of 2, Lines 2 - 10

Terry J. Keith

CT-5, Page 1 of 1

Leonor M. Herrera

CT-6, Pages 1 - 62 of 62

Leonor M. Herrera

Appendix A

Leonor M. Herrera

**Energy Conservation Cost Recovery  
Final True-Up for the Period  
January through December 2008**

1. Actual End of Period True-Up (CT-3, Page 2 of 3, Lines 7 and 8)			
2. Principal	\$ (22,063,571)		
3. Interest	<u>\$ (127,966)</u>		<u>\$ (22,191,537)</u>
4. Less Estimated/Actual True-Up approved at the November 2008 Hearing			
5. Principal	\$ (17,104,725)		
6. Interest	<u>\$ (92,642)</u>		<u>\$ (17,197,367)</u>
7. Final Net True-Up to be carried over to the January 2010 through December 2010 period			<u><u>\$ (4,994,170)</u></u>

( ) Reflects Underrecovery

Totals may not add due to rounding.



**Energy Conservation Cost Recovery  
 Analysis of Program Costs  
 Actual VS Estimate for the Period  
 January through December 2008**

	Actual	Estimate (a)	Difference
1. Depreciation & Return	\$ 7,558,563	\$ 7,770,811	\$ (212,248)
2. Payroll & Benefits	23,258,001	24,674,853	(1,416,852)
3. Materials & Supplies	(1,362,819)	(3,032,552)	1,669,733
4. Outside Services	11,028,007	12,229,405	(1,201,398)
5. Advertising	2,963,991	3,396,207	(432,216)
6. Incentives	136,894,720	134,642,126	2,252,594
7. Vehicles	147,939	141,058	6,881
8. Other	3,496,313	3,731,450	(235,137)
9. SUB-TOTAL	\$ 183,984,713	183,553,357	\$ 431,356
10. Program Revenues	(2,568,524)	(2,581,755)	13,231
11. TOTAL PROGRAM COSTS	\$ 181,416,188	\$ 180,971,604	\$ 444,583
12. Amounts included in Base Rates	(1,399,192)	(1,458,117)	58,925
13. SUBTOTAL	\$ 180,016,994	\$ 179,513,487	\$ 503,507
14. ECCR Revenues (Net of Revenue Taxes)	142,174,006	146,629,344	(4,455,338)
a. Green Power Pricing Revenues Deferred	-	-	-
15. True-Up Before Interest (Line 14 + Line 14a) - Line 13	\$ (37,842,988)	\$ (32,884,143)	\$ (4,958,845)
16. Interest Provision	(127,966)	(92,642)	(35,324)
17. Prior Period True-Up (Jan-Dec 2007)	15,779,417	15,779,417	-
18. Deferred True-Up from Prior Period (Jan-Dec 2007)	(4,285,622)	(4,285,622)	-
19. End of Period True-Up	\$ (26,477,160)	\$ (21,482,987)	\$ (4,994,170)

(a) From Estimated/Actual. Approved 11/08 Hearing.  
 For Lines 15 - 19 ( ) reflects an underrecovery.

Totals may not add due to rounding

Florida Power & Light Company  
**CONSERVATION PROGRAM COSTS**  
 January through December 2008

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
1. Residential Conservation Services		\$ 4,481,724	\$ 17,435	\$ 1,422,138	\$ 2,548,178		\$ 45,387	\$ 1,048,811	\$ 9,563,681		\$ 9,563,681
2. Residential Building Envelope		339,980	3	171,123		18,870,334	2,368	35,822	19,519,828		19,519,828
3. Residential Load Management ("On Call")	8,273,584	1,586,275	(1,584,835)	3,275,807	133,225	46,404,701	18,083	709,597	58,794,227		58,794,227
4. Duct System Testing & Repair		820,204	9,554	92,385	6,892	1,848,383	8,428	(157,382)	2,628,482		2,628,482
5. Residential Air Conditioning		991,097	65	387,696	58,364	23,871,151	12,580	126,230	25,447,183		25,447,183
6. BuildSmart Program		661,959	10,402	158,975	16,462		32,400	4,827	888,124		888,124
7. Low-Income Weatherization		5,189				57,070	7	8,120	68,386		68,386
8. Res. Thermostat Load Control Pilot Proj.		24,700		229,433			115	2,114	256,362		256,362
9. Business On Call	400,440	181,008	2,045	47,089		2,588,853	1,243	21,025	3,261,503		3,261,503
10. Cogeneration & Small Power Production		483,596		4,544			178	(38,909)	451,407		451,407
11. Business Efficient Lighting		44,155	10	34,900	275	297,977	263	17,412	394,992		394,992
12. Commercial/Industrial Load Control		370,147	168	639		31,381,646	1,289	88,690	31,823,569		31,823,569
13. Commercial Demand Reduction		119,189	113	838		5,908,944	514	70,631	6,100,029		6,100,029
14. Business Energy Evaluation		2,083,832	2,406	712,112	180,470		11,108	346,919	3,336,845		3,336,845
15. Business Heating, Ventilating & A/C		604,141	55	104,183	425	1,687,724	8,544	68,179	2,483,251		2,483,251
16. Business Custom Incentive		34,123	12			44,945	181	1,070	80,311		80,311
17. Business Building Envelope		288,470	44	84,432	12,873	3,749,072	1,978	31,144	4,168,111		4,168,111
18. Business Water Heating		12,729		5		25,200	92	2,491	40,517		40,517
19. Business Refrigeration		32,574		234		8,520	169	1,813	41,310		41,310
20. Conservation Research & Development		34,282		337,702				111	372,095		372,095
21. Green Power Pricing		244,276	2,616	2,847,955	6,521		389	(547,331)	2,554,426	(2,568,524)	(14,100)
22. Common Expenses	884,559	9,834,371	177,088	1,116,217	208		34,426	1,575,457	13,622,328		13,622,328
23. Total All Programs	\$ 7,558,583	\$ 23,258,001	\$ (1,382,819)	\$ 11,028,007	\$ 2,963,991	\$ 136,894,720	\$ 147,939	\$ 3,486,313	\$ 183,984,713	\$ (2,568,524)	\$ 181,416,188
24. LESS: Included in Base Rates		(1,399,192)							(1,399,192)		(1,399,192)
25. Recoverable Conservation Expenses	\$ 7,558,583	\$ 21,858,809	\$ (1,382,819)	\$ 11,028,007	\$ 2,963,991	\$ 136,894,720	\$ 147,939	\$ 3,486,313	\$ 182,585,518	\$ (2,568,524)	\$ 180,016,994

Totals may not add to due rounding

Florida Power & Light Company  
**CONSERVATION PROGRAM VARIANCE**  
 January through December 2008

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
1. Residential Conservation Services		\$ (72,851)	\$ (74,439)	\$ (83,788)	\$ (315,361)		\$ 6,909	\$ 256,382	\$ (283,148)		\$ (283,148)
2. Residential Building Envelope		(15,257)	(40)	(77,367)	-	(864,249)	(500)	(13,827)	(771,240)		(771,240)
3. Residential Load Management ("On Call")	(190,816)	(509,516)	1,613,735	173,058	(85,089)	(458,782)	(12,528)	14,379	563,631		563,631
4. Duct System Testing & Repair		(19,597)	(21,444)	3,552	(16,711)	(219,135)	(848)	(2,615)	(276,798)		(276,798)
5. Residential Air Conditioning		35,165	(10,594)	(2,158)	24,994	3,520,335	6,535	(7,325)	3,566,954		3,566,954
6. BuildSmart Program		(71,984)	(7,365)	(257,929)	(45,957)	(4,025)	(939)	(13,064)	(401,263)		(401,263)
7. Low-Income Weatherization		(9,103)	-	-	-	12,330	(3)	(9,288)	(6,064)		(6,064)
8. Res. Thermostat Load Control Pilot Proj.		(17,297)	(37,829)	(12,823)	-	-	67	729	(67,153)		(67,153)
9. Business On Call	(12,187)	(16,083)	225,525	(603,420)	(816)	(23,045)	290	(11,281)	(440,977)		(440,977)
10. Cogeneration & Small Power Production		(9,253)	-	2,347	-	-	105	88	(6,715)		(6,715)
11. Business Efficient Lighting		(19,489)	(1,014)	3,260	-	28,607	81	3,148	14,591		14,591
12. Commercial/Industrial Load Control		(42,125)	(222)	(1,614)	-	781,647	111	(15,088)	722,709		722,709
13. Commercial Demand Reduction		(5,513)	(242)	(9,418)	-	(20,380)	228	(17,150)	(52,475)		(52,475)
14. Business Energy Evaluation		8,697	(11,639)	(57,433)	(2,318)	-	1,895	24,001	(36,988)		(36,988)
15. Business Heating, Ventilating & A/C		72,253	(455)	6,974	(1,555)	(781,441)	980	(49,605)	(732,649)		(732,649)
16. Business Custom Incentive		(2,608)	(1)	(24,000)	-	(262,000)	86	(682)	(289,205)		(289,205)
17. Business Building Envelope		2,538	(525)	(26,006)	-	339,024	107	(4,570)	310,566		310,566
18. Business Water Heating		4,480	-	(862)	(408)	(13,980)	40	622	(10,108)		(10,108)
19. Business Refrigeration		(9,854)	-	(1,415)	(408)	(1,332)	80	167	(12,662)		(12,662)
20. Conservation Research & Development		(4,467)	(37,500)	(203,547)	-	-	(1,200)	(8,332)	(255,046)		(255,046)
21. Green Power Pricing		52,908	-	50,864	-	-	(9)	(116,988)	(13,228)	13,231	0
22. Common Expenses	(9,485)	(786,072)	33,773	(79,675)	(6,577)	-	5,594	(264,853)	(1,091,275)		(1,091,275)
<b>23. Total All Programs - Variance</b>	<b>\$ (212,248)</b>	<b>\$ (1,416,852)</b>	<b>\$ 1,669,733</b>	<b>\$ (1,201,398)</b>	<b>\$ (432,216)</b>	<b>\$ 2,252,594</b>	<b>\$ 6,881</b>	<b>\$ (235,137)</b>	<b>\$ 431,356</b>	<b>\$ 13,231</b>	<b>\$ 444,583</b>
24. LESS: Included in Base Rates - Variance		58,925							58,925		58,925
<b>25. Recoverable Conservation Variance</b>	<b>\$ (212,248)</b>	<b>\$ (1,357,927)</b>	<b>\$ 1,669,733</b>	<b>\$ (1,201,398)</b>	<b>\$ (432,216)</b>	<b>\$ 2,252,594</b>	<b>\$ 6,881</b>	<b>\$ (235,137)</b>	<b>\$ 490,278</b>	<b>\$ 13,231</b>	<b>\$ 503,507</b>

Totals may not add to due rounding

Conservation Account Numbers  
 January through December 2008

Program No.	ACCOUNT NO.	PROGRAM TITLE
1	456.300	RESIDENTIAL CONSERVATION SERVICE PROGRAM
1	908.620	RESIDENTIAL CONSERVATION SERVICE PROGRAM
1	909.101	RESIDENTIAL CONSERVATION SERVICE PROGRAM
2	908.600	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	909.600	RESIDENTIAL BUILDING ENVELOPE PROGRAM
3	440.300	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	582.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	586.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	587.200	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	587.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	592.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	592.880	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	597.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	598.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	908.500	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	908.540	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
3	909.106	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	908.710	DUCT SYSTEM TESTING & REPAIR PROGRAM
4	909.710	DUCT SYSTEM TESTING & REPAIR PROGRAM
5	908.410	RESIDENTIAL AIR CONDITIONING PROGRAM
5	909.410	RESIDENTIAL AIR CONDITIONING PROGRAM
6	456.870	BUILDSMART PROGRAM
6	908.770	BUILDSMART PROGRAM
6	909.770	BUILDSMART PROGRAM
7	908.800	LOW INCOME WEATHERIZATION PROGRAM
8	908.510	RES. THERMOSTAT LOAD CONTROL PILOT PROJ.
9	442.190	BUSINESS ON CALL
9	442.290	BUSINESS ON CALL
9	587.250	BUSINESS ON CALL
9	598.140	BUSINESS ON CALL
9	908.580	BUSINESS ON CALL
9	909.580	BUSINESS ON CALL
10	560.400	COGENERATION & SMALL POWER PRODUCTION
10	908.350	COGENERATION & SMALL POWER PRODUCTION
11	908.170	BUSINESS EFFICIENT LIGHTING PROGRAM
11	909.170	BUSINESS EFFICIENT LIGHTING PROGRAM
12	442.300	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	442.320	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	587.120	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	598.120	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	908.550	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	909.107	COMMERCIAL/INDUSTRIAL LOAD CONTROL

Conservation Account Numbers  
 January through December 2008

Program No.	ACCOUNT NO.	PROGRAM TITLE
13	442.340	C/I DEMAND REDUCTION
13	442.350	C/I DEMAND REDUCTION
13	442.360	C/I DEMAND REDUCTION
13	908.490	C/I DEMAND REDUCTION
14	456.150	BUSINESS ENERGY EVALUATION PROGRAM
14	908.400	BUSINESS ENERGY EVALUATION PROGRAM
14	908.430	BUSINESS ENERGY EVALUATION PROGRAM
14	909.430	BUSINESS ENERGY EVALUATION PROGRAM
14	909.450	BUSINESS ENERGY EVALUATION PROGRAM
15	908.150	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	908.420	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	908.440	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	908.590	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	908.860	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	909.150	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	909.420	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	909.440	BUSINESS HEATING, VENTILATING & A/C PROGRAM
15	909.590	BUSINESS HEATING, VENTILATING & A/C PROGRAM
16	908.180	BUSINESS CUSTOM INCENTIVE PROGRAM
16	908.190	BUSINESS CUSTOM INCENTIVE PROGRAM
16	909.180	BUSINESS CUSTOM INCENTIVE PROGRAM
17	908.300	BUSINESS BUILDING ENVELOPE PROGRAM
17	909.310	BUSINESS BUILDING ENVELOPE PROGRAM
18	908.870	BUSINESS WATER HEATING PROGRAM
19	908.880	BUSINESS REFRIGERATION PROGRAM
20	910.499	CONSERVATION RESEARCH & DEVELOPMENT PROGRAM
21	440.030	GREEN POWER PRICING PROGRAM
21	440.080	GREEN POWER PRICING PROGRAM
21	908.265	GREEN POWER PRICING PROGRAM
21	909.499	GREEN POWER PRICING PROGRAM
21	442.130	GREEN POWER PRICING PROGRAM
21	442.180	GREEN POWER PRICING PROGRAM
21	442.230	GREEN POWER PRICING PROGRAM
21	442.280	GREEN POWER PRICING PROGRAM
21	445.030	GREEN POWER PRICING PROGRAM
21	446.080	GREEN POWER PRICING PROGRAM
21	442.134	GREEN POWER PRICING PROGRAM
21	908.850	GREEN POWER PRICING PROGRAM
21	909.720	GREEN POWER PRICING PROGRAM
22	907.100	COMMON EXPENSES
22	908.130	COMMON EXPENSES
22	908.450	COMMON EXPENSES
22	908.460	COMMON EXPENSES
22	909.700	COMMON EXPENSES
22	910.100	COMMON EXPENSES
22	910.105	COMMON EXPENSES
22	910.120	COMMON EXPENSES
22	910.176	COMMON EXPENSES
22	931.100	COMMON EXPENSES
**	926.211	PENSION & WELFARE BENEFITS

\*\* Pension & Welfare benefits are allocated to the specific program by means of work order allocation; Each work order translates to Ferc Account 926.211.

Florida Power & Light Company  
**CONSERVATION PROGRAM COSTS**  
 January through December 2008

Program Title	Actuals January	Actuals February	Actuals March	Actuals April	Actuals May	Actuals June	Actuals July	Actuals August	Actuals September	Actuals October	Actuals November	Actuals December	2008 TOTAL
1. Residential Conservation Services	\$ 507,369	\$ 591,058	\$ 620,443	\$ 600,629	\$ 603,841	\$ 707,446	\$ 551,358	\$ 826,030	\$ 875,900	\$ 1,399,821	\$ 1,564,200	\$ 715,596	\$ 9,563,681
2. Residential Building Envelope	1,823,545	2,738,738	1,598,429	2,214,078	2,418,645	2,178,509	1,312,782	2,506,244	1,372,285	680,202	393,653	184,507	19,519,628
3. Residential Load Management ("On Call")	3,273,552	3,519,779	3,400,542	5,158,278	5,827,287	5,856,776	5,919,837	5,718,489	5,817,434	5,577,318	3,642,709	3,082,228	59,794,227
4. Duct System Testing & Repair	146,496	253,119	304,982	454,799	348,670	244,525	204,334	179,296	134,764	127,036	122,021	106,450	2,626,482
5. Residential Air Conditioning	623,853	1,280,895	1,365,207	1,572,345	1,823,661	2,019,824	2,486,845	3,070,867	3,565,809	3,355,015	2,521,893	1,561,169	25,447,183
6. BuildSmart Program	87,412	89,301	100,390	79,950	95,882	77,128	94,228	71,372	77,320	70,829	78,525	104,785	986,124
7. Low-Income Weatherization	1,899	3,181	3,851	4,895	4,514	11,126	8,037	4,931	2,795	17,207	3,744	2,606	64,366
8. Res. Thermostat Load Control Pilot Proj.	543	55,358	11,826	50,060	33,888	8,410	23,875	2,200	38,423	2,638	13,215	18,126	259,392
9. Business On Call	45,230	85,240	85,025	388,827	457,778	443,781	485,277	445,205	481,881	441,013	104,200	(149,584)	3,251,503
10. Cogeneration & Small Power Production	32,336	33,057	41,886	38,329	40,128	40,811	39,306	43,302	28,324	38,739	42,532	34,654	451,407
11. Business Efficient Lighting	12,769	32,264	63,847	29,998	14,334	7,915	59,323	25,169	63,329	21,829	49,864	24,232	384,992
12. Commercial/Industrial Load Control	2,066,594	2,011,333	2,048,607	2,063,122	2,188,667	2,712,878	4,748,579	2,635,601	2,705,795	2,808,816	2,577,298	3,207,481	31,823,599
13. Commercial Demand Reduction	388,758	358,654	399,208	438,698	506,745	574,813	684,098	594,729	595,363	583,053	519,578	500,334	6,160,029
14. Business Energy Evaluation	288,740	250,139	304,124	290,929	283,942	309,435	240,114	283,433	237,900	284,688	273,125	310,267	3,338,845
15. Business Heating, Ventilating & A/C	72,154	123,605	342,767	164,869	110,662	328,982	171,833	288,181	177,055	348,254	245,258	129,842	2,483,251
16. Business Custom Incentive	37,489	11,416	3,819	3,352	3,055	3,059	2,959	3,351	2,835	3,277	3,227	2,873	80,311
17. Business Building Envelope	316,487	362,873	527,933	275,825	322,880	458,943	403,757	363,570	294,477	222,292	415,453	183,520	4,188,111
18. Business Water Heating	1,871	6,407	7,993	3,071	2,107	4,358	971	1,176	7,885	860	2,727	990	40,817
19. Business Refrigeration	1,439	4,176	5,336	4,378	4,137	2,776	2,847	1,844	3,736	3,395	3,824	3,321	41,310
20. Conservation Research & Development	2,714	53,076	19,429	2,672	17,882	2,870	103,537	4,077	13,293	53,435	2,979	95,952	372,095
21. Green Power Pricing	302,856	357,453	309,361	350,297	334,125	744,334	357,199	35,762	(223,731)	(2,411)	-	(10,819)	2,354,428
22. Common Expenses	913,772	923,845	1,881,643	1,122,568	1,083,342	1,104,772	1,014,043	1,096,248	987,072	1,148,886	1,065,808	1,300,728	13,822,326
<b>23. Total All Programs</b>	<b>\$ 11,175,978</b>	<b>\$ 13,122,779</b>	<b>\$ 13,447,449</b>	<b>\$ 15,307,865</b>	<b>\$ 16,502,051</b>	<b>\$ 17,839,078</b>	<b>\$ 18,875,149</b>	<b>\$ 18,181,116</b>	<b>\$ 17,289,054</b>	<b>\$ 17,189,305</b>	<b>\$ 13,848,821</b>	<b>\$ 11,431,267</b>	<b>\$ 183,984,713</b>
24. LESS: Included in Base Rates	(106,209)	(96,883)	(102,885)	(208,948)	(104,495)	(101,817)	(103,602)	(104,541)	(112,187)	(147,188)	(107,839)	(102,020)	(1,399,192)
<b>25. Recoverable Conservation Expenses</b>	<b>\$ 11,069,769</b>	<b>\$ 13,025,895</b>	<b>\$ 13,344,565</b>	<b>\$ 15,097,916</b>	<b>\$ 16,397,555</b>	<b>\$ 17,737,459</b>	<b>\$ 18,771,548</b>	<b>\$ 18,076,574</b>	<b>\$ 17,176,867</b>	<b>\$ 17,039,139</b>	<b>\$ 13,638,982</b>	<b>\$ 11,308,248</b>	<b>\$ 182,585,518</b>
Totals may not add to due rounding													

Florida Power & Light Company  
CONSERVATION PROGRAM COSTS  
January through December 2008

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ACTUALS JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>B. CONSERVATION PROGRAM REVENUES</b>													
1. a. RESIDENTIAL LOAD CONTROL CREDIT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b1. GREEN POWER PRICING REVENUES	361,334	366,336	374,043	379,810	382,965	382,464	374,782	(18,268)	(20,613)	(2,411)	(60,640)	50,021	2,568,524
b2. GREEN POWER PRICING REVENUES DEFERRE	(58,476)	(8,896)	(64,662)	(29,313)	(46,960)	210,220	-	-	-	-	-	-	-
c. BUILDSMART PROGRAM REVENUES	-	-	-	-	-	-	-	-	-	-	-	-	-
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	11,755,375	10,242,755	10,130,400	10,485,734	11,489,071	13,503,892	13,503,559	13,403,314	14,180,939	12,529,470	10,407,383	10,521,213	142,174,006
3. TOTAL REVENUES	\$ 12,058,231	\$ 10,600,207	\$ 10,439,781	\$ 10,846,030	\$ 11,834,098	\$ 14,096,576	\$ 13,878,321	\$ 13,384,046	\$ 14,160,425	\$ 12,527,059	\$ 10,346,543	\$ 10,571,234	\$ 144,742,630
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	1,314,951	1,314,951	1,314,951	1,314,951	1,314,951	1,314,951	1,314,951	1,314,951	1,314,951	1,314,951	1,314,951	1,314,951	15,779,417
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)	\$ 13,373,182	\$ 11,915,159	\$ 11,754,713	\$ 12,160,982	\$ 13,149,048	\$ 15,411,527	\$ 15,193,272	\$ 14,698,997	\$ 15,475,377	\$ 13,842,011	\$ 11,661,494	\$ 11,886,186	\$ 160,521,947
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 33)	11,069,788	13,025,895	13,344,566	15,097,918	16,387,555	17,737,459	18,771,548	18,076,574	17,178,867	17,039,139	13,538,982	11,309,248	182,585,518
7. TRUE-UP THIS PERIOD (Line B5 - Line B6)	\$ 2,303,413	\$ (1,110,737)	\$ (1,569,852)	\$ (2,936,936)	\$ (3,248,507)	\$ (2,325,932)	\$ (3,578,276)	\$ (3,377,577)	\$ (1,701,490)	\$ (3,197,128)	\$ (1,677,486)	\$ 576,938	\$ (22,083,571)
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line C10)	40,259	29,075	20,672	11,600	1,561	(8,874)	(15,596)	(25,394)	(50,391)	(96,353)	(44,541)	(22,064)	(127,869)
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	15,779,417	16,808,138	14,411,525	11,527,393	7,267,166	2,725,287	(922,470)	(5,831,283)	(10,549,215)	(13,616,047)	(18,194,480)	(21,431,460)	15,779,417
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)	(4,285,622)
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(1,314,951)	(15,779,417)
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Line B7+B8+B9+B9a+B10)	\$ 12,522,516	\$ 10,125,903	\$ 7,241,771	\$ 3,001,544	\$ (1,980,335)	\$ (5,206,092)	\$ (10,116,915)	\$ (14,834,837)	\$ (17,801,669)	\$ (22,480,102)	\$ (25,717,062)	\$ (28,477,159)	\$ (28,477,160)

Notes: ( ) Reflects Underrecovery  
Totals may not add due to rounding  
N/A = Not Applicable

Florida Power & Light Company  
CONSERVATION PROGRAM COSTS  
January through December 2008

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ACTUALS JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>C. INTEREST PROVISION</b>													
1. BEGINNING TRUE-UP AMOUNT (Line B9+B9a)	11,493,795	12,522,516	10,125,903	7,241,771	3,001,544	(1,560,335)	(5,208,092)	(10,116,915)	(14,834,837)	(17,901,699)	(22,490,102)	(25,717,062)	(\$53,433,504)
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Line B7+B9+B9a+B10)	12,482,256	10,096,828	7,221,100	2,989,884	(1,581,915)	(5,201,218)	(10,101,319)	(14,909,443)	(17,851,278)	(22,413,748)	(25,872,541)	(28,455,099)	(\$91,276,492)
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line C1+C2)	\$23,976,051	\$22,619,344	\$17,347,002	\$10,231,655	\$1,439,629	(\$6,761,553)	(\$15,309,411)	(\$24,926,359)	(\$32,686,115)	(\$40,315,417)	(\$48,162,643)	(\$52,172,178)	(\$144,709,995)
4. AVERAGE TRUE-UP AMOUNT (50% of Line C3)	\$11,988,026	\$11,309,672	\$8,673,501	\$5,115,827	\$719,814	(\$3,380,776)	(\$7,654,706)	(\$12,463,179)	(\$16,343,058)	(\$20,157,709)	(\$24,078,321)	(\$26,086,089)	(\$72,354,998)
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	4.98000%	3.08000%	3.09000%	2.63000%	2.84000%	2.43000%	2.45000%	2.44000%	2.45000%	4.95000%	2.95000%	1.49000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	3.08000%	3.09000%	2.83000%	2.84000%	2.43000%	2.45000%	2.44000%	2.45000%	4.85000%	2.95000%	1.49000%	0.54000%	N/A
7. TOTAL (Line C5+C6)	8.06000%	6.17000%	5.72000%	5.47000%	5.27000%	4.88000%	4.89000%	4.89000%	7.40000%	7.90000%	4.44000%	2.03000%	N/A
8. AVERAGE INTEREST RATE (50% of Line C7)	4.03000%	3.08500%	2.86000%	2.73500%	2.63500%	2.44000%	2.44500%	2.44500%	3.70000%	3.95000%	2.22000%	1.01500%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Line C8 / 12)	0.33583%	0.25708%	0.23833%	0.22792%	0.21958%	0.20333%	0.20375%	0.20375%	0.30833%	0.32917%	0.18500%	0.08458%	N/A
10. INTEREST PROVISION FOR THE MONTH (Line C4 x C9)	\$40,259	\$29,075	\$20,672	\$11,860	\$1,581	(\$6,874)	(\$15,598)	(\$25,384)	(\$50,391)	(\$88,353)	(\$44,541)	(\$22,064)	(\$127,989)

Notes: ( ) Reflects Underrecovery  
Totals may not add due to rounding  
N/A = Not Applicable



**FLORIDA POWER & LIGHT COMPANY**  
**SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN**  
**Residential Load Management ("On Call") & Business On Call Programs**  
**For the Period January through December 2008**

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total	Line No.	
1.	Investment (Net of Retirements)		\$ (417,117)	\$ 1,104,872	\$ 545,427	\$ (206,040)	\$ 402,813	\$ 1,110,600	\$ (137,059)	\$ 188,863	\$ 45,937	\$ 728,516	\$ 398,308	\$ 165,505	\$ 3,947,426	1.	
2.	Depreciation Base		23,588,845	24,893,516	25,238,944	25,032,904	25,435,717	26,555,318	26,418,258	26,816,922	26,862,858	27,389,375	27,767,883	27,953,188	n/a	2.	
3.	Depreciation Expense (a)		389,286	388,118	413,348	403,864	411,845	425,435	432,587	409,864	433,067	501,899	436,016	427,461	5,072,518	3.	
4.	Cumulative Investment (Line 2)	\$ 24,005,762	23,588,845	24,893,516	25,238,944	25,032,904	25,435,717	26,555,318	26,418,258	26,816,922	26,862,858	27,389,375	27,767,883	27,953,188	n/a	4.	
5.	Less: Accumulated Depreciation (c)		11,086,683	10,864,649	11,251,925	10,834,831	10,400,844	10,612,589	11,090,340	11,388,723	11,733,817	12,083,498	12,507,720	12,896,975	13,188,808	n/a	5.
6.	Net Investment (Line 4 - 5)		\$ 12,907,079	\$ 12,003,996	\$ 13,441,592	\$ 14,304,113	\$ 14,831,961	\$ 14,823,128	\$ 15,464,978	\$ 15,029,535	\$ 14,883,105	\$ 14,579,360	\$ 14,881,855	\$ 14,890,708	\$ 14,764,280	n/a	6.
7.	Average Net Investment		12,785,537	13,022,794	13,872,852	14,486,037	14,827,544	15,944,053	15,247,257	14,856,320	14,731,232	14,730,507	14,886,181	14,827,494	n/a	7.	
8.	Return on Average Net Investment															8.	
a.	Equity Component (b)		80,206	81,468	85,480	86,289	89,042	71,008	71,987	70,594	69,531	69,528	70,263	69,880		8a.	
b.	Equity Comp. grossed up for taxes (Line 8a/81425)		98,016	106,069	108,801	111,175	112,401	115,801	117,162	114,827	113,167	113,192	114,388	113,937	1,330,866	8b.	
c.	Debt Component (Line 7 * 1.8787% / 12)		18,948	20,366	21,896	22,827	22,876	23,527	23,845	23,390	23,036	23,037	23,260	23,189	276,820	8c.	
9.	Total Return Requirements (Line 8b + 8c)		117,964	120,436	128,297	133,801	135,277	139,128	141,008	138,317	136,235	136,229	137,668	137,128	1,801,486	9.	
10.	Total Depreciation & Return (Line 3 + 9)		\$ 507,230	\$ 508,551	\$ 541,645	\$ 537,785	\$ 548,922	\$ 564,584	\$ 573,594	\$ 547,981	\$ 569,333	\$ 638,128	\$ 573,884	\$ 584,586	6,674,004	10.	

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.  
(b) The Equity Component is 5.8640% based on a ROE of 11.75%.

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS															
Residential On Call Program 3 (94%)	Depreciation	385,810	384,829	388,347	378,745	386,947	398,909	406,832	385,864	407,111	471,785	408,855	401,813	4,788,187	
	Return	110,888	112,210	120,599	125,773	127,160	138,791	132,647	130,018	128,061	129,055	129,488	128,888	1,505,387	
	<b>Total</b>	<b>478,797</b>	<b>478,038</b>	<b>509,147</b>	<b>505,518</b>	<b>514,107</b>	<b>530,690</b>	<b>539,179</b>	<b>515,102</b>	<b>535,173</b>	<b>599,840</b>	<b>538,283</b>	<b>530,711</b>	<b>6,273,564</b>	
Business On Call Program 6 (6%)	Depreciation	23,358	23,287	24,801	24,239	24,899	25,526	25,955	24,580	25,966	30,114	26,161	25,648	304,351	
	Return	7,078	7,228	7,998	8,028	8,117	8,348	8,460	8,298	8,174	8,174	8,260	8,228	96,089	
	<b>Total</b>	<b>30,434</b>	<b>30,513</b>	<b>32,499</b>	<b>32,267</b>	<b>32,815</b>	<b>33,874</b>	<b>34,416</b>	<b>32,879</b>	<b>34,160</b>	<b>38,288</b>	<b>34,421</b>	<b>33,875</b>	<b>400,440</b>	
Total	Depreciation	389,266	388,116	413,348	403,984	411,845	425,435	432,587	409,864	433,067	501,899	436,016	427,461	5,072,518	
	Return	117,964	120,436	128,297	133,801	135,277	139,128	141,008	138,317	136,235	136,229	137,668	137,128	1,801,486	
	<b>Total</b>	<b>507,230</b>	<b>508,551</b>	<b>541,645</b>	<b>537,785</b>	<b>548,922</b>	<b>564,584</b>	<b>573,594</b>	<b>547,981</b>	<b>569,333</b>	<b>638,128</b>	<b>573,884</b>	<b>584,586</b>	<b>6,674,004</b>	

Totals may not add due to rounding

**FLORIDA POWER & LIGHT COMPANY**  
**SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN**  
**COMMON EXPENSES (Program No. 22)**  
**For the Period January through December 2008**

Line No.	Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Investment (Net of Retirements)	\$ (590,431)	\$ -	\$ 2,436,497	\$ 6,145	\$ 61,380	\$ 438	\$ 81,178	\$ 17,044	\$ 398	\$ 30,560	\$ -	\$ -	\$ -	\$ 2,023,209	1.
2.	Depreciation Base	1,056,716	1,056,716	3,493,213	3,499,357	3,560,737	3,561,176	3,622,354	3,639,398	3,639,797	3,670,356	3,670,356	3,670,356	3,670,356	n/a	2.
3.	Depreciation Expense (a)	17,612	17,612	39,678	62,196	62,773	63,311	63,856	64,612	64,626	65,182	77,030	85,277	85,277	664,166	3.
4.	Cumulative Investment (Line 2)	\$ 1,647,147	1,056,716	1,056,716	3,493,213	3,499,357	3,560,737	3,561,176	3,622,354	3,639,398	3,639,797	3,670,356	3,670,356	3,670,356	n/a	4.
5.	Less: Accumulated Depreciation (c)	1,384,194	821,375	836,967	878,865	941,061	1,003,834	1,067,145	1,131,000	1,195,613	1,260,439	1,325,621	1,402,651	1,467,929	n/a	5.
6.	Net Investment (Line 4 - 5)	\$ 252,953	\$ 235,341	\$ 217,729	\$ 2,614,348	\$ 2,558,297	\$ 2,556,904	\$ 2,494,031	\$ 2,491,353	\$ 2,443,786	\$ 2,379,358	\$ 2,344,735	\$ 2,267,705	\$ 2,202,428	n/a	6.
7.	Average Net Investment	244,147	226,636	1,416,038	2,586,322	2,557,600	2,525,467	2,492,662	2,467,569	2,411,572	2,362,046	2,306,220	2,235,066	n/a	7.	
8.	Return on Average Net Investment															8.
	a. Equity Component (b)	1,152	1,069	6,684	12,207	12,072	11,920	11,766	11,647	11,363	11,149	10,885	10,550	-	8a.	
	b. Equity Comp. grossed up for taxes (Line 8a/61425)	1,676	1,741	10,861	19,874	19,653	19,406	19,154	18,961	18,531	18,150	17,721	17,175	183,124	8b.	
	c. Debt Component (Line 7 * 1.8767% / 12)	382	354	2,215	4,045	4,000	3,950	3,896	3,859	3,771	3,694	3,607	3,495	37,270	8c.	
9.	Total Return Requirements (Line 8a + 8c)	2,258	2,095	13,096	23,918	23,653	23,356	23,053	22,820	22,302	21,844	21,328	20,670	220,393	9.	
10.	Total Depreciation & Return (Line 3 + 9)	\$ 19,670	\$ 19,707	\$ 62,974	\$ 86,114	\$ 86,426	\$ 86,698	\$ 86,908	\$ 87,432	\$ 87,129	\$ 87,027	\$ 88,356	\$ 85,948	684,569	10.	

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.  
(b) The Equity Component is 5.8640% based on a ROE of 11.75%.  
Totals may not add due to rounding.

**Docket No. 090002-EG**  
**Exhibit No. \_\_\_\_\_**  
**Florida Power & Light Co.**  
**(LMH-1)**  
**Schedule CT-5**  
**Page 1 of 1**

**Reconciliation and Explanation of**  
**Differences between Filing and FPSC Audit**  
**Report for Months: January 2008 through December 2008**

**The audit has not been completed as of the date of this filing.**

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Residential Conservation Service

**Program Description:** An energy audit program designed to assist residential customers in making their homes more energy efficient through the installation of conservation measures and the implementation of conservation practices.

**Program Accomplishments for January through December 2008:** During this period 158,580 energy audits were completed. The estimate for this period was 174,127 energy audits.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$9,563,681 or \$283,148 less than projected. This program is deemed on target with a three percent variance.

**Program Progress Summary:** Program inception to date, 2,578,683 energy audits have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Residential Building Envelope Program**

**Program Description:** A program designed to encourage qualified customers to install energy-efficient building envelope measures that cost-effectively reduce FPL's coincident peak air conditioning load and customer energy consumption.

**Program Accomplishments for January through December 2008:** During this period 20,807 installations were completed. The estimate for this period was 21,660 installations.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$19,519,628 or \$771,240 less than projected. This program is deemed on target with a less than four percent variance.

**Program Progress Summary:** Program inception to date, 769,167 installations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Residential Load Management Program ("On Call")

**Program Description:** A program designed to offer voluntary load control to residential customers.

**Program Accomplishments for January through December 2008:** Installation of equipment at eight substations and a total of 772,806 program participants with load control installed in their homes. The estimate for the period was a total of 772,633 program participants with load control installed in their homes.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$56,794,227 or \$563,631 more than projected. This program is deemed on target with a one percent variance.

**Program Progress Summary:** Program inception to date, there are 772,806 customers with load control equipment installed in their homes.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Duct System Testing and Repair Program**

**Program Description:** A program designed to identify air conditioning duct system leaks and have qualified contractors repair those leaks.

**Program Accomplishments for January through December 2008:** During this period, 28,869 installations were completed. The estimate for this period was 34,707 installations.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$2,626,462 or \$276,798 less than projected due to fewer installations than anticipated.

**Program Progress Summary:** Program inception to date, 465,333 installations have been completed.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title: Residential Air Conditioning Program**

**Program Description:** A program designed to provide financial incentives for residential customers to purchase a more efficient unit when replacing an existing air conditioning system.

**Program Accomplishments for January through December 2008:** During this period 48,332 installations were completed. The estimate for this period was 46,594 installations.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$25,447,183 or \$3,566,954 more than projected due to more installations than anticipated.

**Program Progress Summary:** Program inception to date, 987,892 installations have been completed.



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title: BuildSmart Program**

**Program Description:** The objective of this program is to encourage the design and construction of energy-efficient homes that cost effectively reduces FPL's coincident peak load and customer energy consumption.

**Program Accomplishments for the period January through December 2008:** During this period program accomplishments included 2,297 homes. The estimate for this period was 2,799 homes.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$988,124 or \$401,263 less than projected due to unfavorable residential new construction market conditions which decreased program operational expenses.

**Program Progress Summary:** Program inception to date, 20,868 homes have been completed.

**Docket No. 090002-EG**  
**Exhibit No. \_\_\_\_\_**  
**Florida Power & Light Co.**  
**(LMH-1)**  
**Schedule CT-6**  
**Page 7 of 62**

## **PROGRAM DESCRIPTION AND PROGRESS**

**Project Title: Low-Income Weatherization Program**

**Program Description:** This program employed a combination of energy audits and incentives to encourage low-income housing administrators to perform tune-ups of Heating and Ventilation Air Conditioning (HVAC) systems and install reduced air infiltration energy efficiency measures.

**Project Accomplishments for the period January through December 2008:** During this period program accomplishments included 620 installations. The estimate for this period was 625 installations.

**Project Fiscal Expenditures for January through December 2008:** Total expenditures were \$68,366 or \$6,064 less than projected. This program is deemed on target with an eight percent variance.

**Project Progress Summary:** Program to date, 1,505 installations have been completed.

**PROGRAM DESCRIPTION AND PROGRESS**

**Project Title: Residential Thermostat Load Control Pilot Project**

**Program Description:** This project provides participating residential customers a programmable thermostat and the option of overriding FPL's control of their central air conditioning and heating appliances via telephone or the Internet.

**Project Accomplishments for the period January through December 2008:** As of year-end 2008, 16 of 400 (4%) customers had chosen to discontinue participation. Customers who drop out are not being replaced. Reasons given for discontinuing in the program include perception that air conditioners worked better with the original thermostat and compatibility of the pilot thermostat with replacement air conditioners, and comfort.

**Project Fiscal Expenditures for January through December 2008:** Total expenditures were \$256,362 or \$67,153 less than projected due to an anticipated hardware purchase, budgeted for 2008, not being made.

**Project Progress Summary:** This pilot was approved by the Florida Public Service Commission on August 14, 2007 to be effective from August 14, 2007 to August 13, 2009. Program to date, 400 participants were solicited to enroll, including testing for the level of interest in switching from the current credit-paying On Call heating and cooling options. Equipment was purchased and installed from September 2007 through June 2008. Weekly communication tests have been performed to measure system reliability. Pre-curtailement participant satisfaction survey was executed on May 30, 2008. Five hot-weather curtailments were conducted between July and September 2008. Average override rate during utility control of air conditioners is 1% for the five events. Started the analysis of demand and energy impacts of thermostat-based load control.

Docket No. 090002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMH-1)  
Schedule CT-6  
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### **PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Business On Call Program

**Program Description:** This program is designed to offer voluntary load control of central air conditioning to GS and GSD customers.

**Program Accomplishments for January through December 2008:** During this period total reduction was 84 MW at the generator. The estimate for this period was 83 MW.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$3,251,503 or \$440,977 less than projected due to anticipated costs associated with the installations of transponders were overestimated.

**Program Progress Summary:** Program inception to date, total reduction is 84 MW at the generator.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Cogeneration and Small Power Production**

**Program Description:** A program intended to facilitate the installation of cogeneration and small power production facilities.

**Program Accomplishments for January through December 2008:** FPL received 605 MW of firm capacity at time of system peak and 5,699 GWh of purchase power. Five firm and six as-available power producers participated. The estimate for the period was expected to include 737.6 MW of firm capacity at time of system peak and 5,876 GWh of purchase power.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$451,407 or \$6,715 less than projected. This program is deemed on target with a less than two percent variance.

**Program Progress Summary:** Total MW under contract (facility size) is 737.6 MW of which 737.6 MW is committed capacity.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Business Efficient Lighting

**Program Description:** A program designed to encourage the installation of energy efficient lighting measures in business facilities.

**Program Accomplishments for January through December 2008:** During this period total reduction was 3,603 kW. The estimate for this period was 3,043 kW.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$394,992 or \$14,591 more than projected. This program is deemed on target with a less than four percent variance.

**Program Progress Summary:** Program to date, total reduction is 267,597 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Commercial/Industrial Load Control

**Program Description:** A program designed to reduce coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages.

**Program Accomplishments for January through December 2008:** During this period the demand reduction capability from program participants was a total of 509 MW at the generator. The target reduction for the period was 516 MW at the generator.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$31,823,559 or \$722,709 more than projected. This program is deemed on target with a two percent variance.

**Program Progress Summary:** Program to date, participation in this program totals 509 MW at the generator. This program is closed to new participants.

**Customers that transferred from C/I Load Control Rate to a Firm Rate**

**During the Period: January through December 2008**

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	3/20/2008	GSD-1	Closing facilities
Customer No. 2	5/9/2008	GSD-1	Closing facilities
Customer No. 3	4/3/2008	N/A	Closing facilities
Customer No. 4	7/25/2008	GSDT-1	Reducing operations
Customer No. 5	9/11/2008	GSLD-1	Customer request
Customer No. 6	10/1/2008	GSD-1	Reducing operations
Customer No. 7	10/3/2008	GSLDT-2	Changing operations
Customer No. 8	8/25/2008	GS-1	Closing facilities
Customer No. 9	8/25/2008	GS-1	Closing facilities



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Commercial Demand Reduction**

**Program Description:** A program designed to reduce coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand or capacity shortages.

**Program Accomplishments for January through December 2008:** During this period the demand reduction capability from program participants was a total of 167 MW at the generator. The target reduction for the period was 175 MW at the generator.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$6,100,029 or \$52,475 less than projected. This program is deemed on target with a one percent variance.

**Program Progress Summary:** Program to date, participation in this program totals 167 MW at the generator.

**Customers that transferred from C/I Demand Reduction Rate to a Firm Rate**

**During the Period: January through December 2008**

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	2/15/2008	N/A	Relocating service
Customer No. 2	11/26/2008	GSD-1	Reducing operations

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Energy Evaluation**

**Program Description:** This program is designed to provide evaluations of business customers' existing and proposed facilities and encourage energy efficiency by identifying DSM opportunities and providing recommendations to the customer.

**Program Accomplishments for January through December 2008:** During this period 11,598 energy evaluations were completed. The estimate for this period was 11,577 energy evaluations.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$3,336,845 or \$36,988 less than projected. This program is deemed on target with a one percent variance.

**Program Progress Summary:** Program inception to date, 129,158 energy evaluations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Business Heating, Ventilating and Air Conditioning Program

**Program Description:** A program designed to reduce the current and future growth of coincident peak demand and energy consumption of business customers by increasing the use of high efficiency heating, ventilating and air conditioning (HVAC) systems.

**Program Accomplishments for January through December 2008:** During this period total demand reduction was 8,616 kW. The estimate for this period was 7,545 kW.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$2,483,251 or \$732,849 less than projected primarily due to timing of incentive payments in connection with Thermal Energy Storage installations.

**Program Progress Summary:** Program inception to date, total reduction is 316,408 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Custom Incentive**

**Program Description:** A program designed to assist FPL's business customers to achieve electric demand and energy savings that are cost-effective to all FPL customers. FPL will provide incentives to qualifying customers who purchase, install and successfully operate cost-effective energy efficiency measures not covered by other FPL programs.

**Program Accomplishments for January through December 2008:** During this period program accomplishments included the completion of three projects for a total of 179 kW of summer peak demand reduction. See attached pages 19-30, 31-42, and 43-54 for cost-effectiveness results on each project.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$80,311 or \$289,205 less than projected due to completing fewer projects than anticipated.

**Program Progress Summary:** Program to date total reduction is 32,266 kW.

1 INPUT DATA - PART 1 CONTINUED  
2 PROGRAM METHOD SELECTED BY REQ  
3 PROGRAM NAME

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	92.80 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	125.20 KW
(3) KW LINE LOSS PERCENTAGE .....	9.57 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER .....	654,851.96 KWH
(5) KWH LINE LOSS PERCENTAGE .....	7.46 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.00
(7) CUSTOMER KVA INCREASE AT METER .....	0.00 KVA

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM .....	25 YEARS
(2) GENERATOR ECONOMIC LIFE .....	25 YEARS
(3) T&D ECONOMIC LIFE .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.69005
(5) K FACTOR FOR T & D .....	1.99165

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 .....	8.30 %
(11) UTILITY ASUDC RATE .....	7.75 %
(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 .....	2007
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2010-2011
(4) BASE YEAR AVOIDED GENERATING COST .....	676.60 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	147.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	17.27 \$/KW
(7) GEN. TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	30.55 \$/KW/YR
(9) GENERATOR FIXED O & M ESCALATION RATE .....	3.61 %**
(10) TRANSMISSION FIXED O & M COST .....	2.68 \$/KW
(11) DISTRIBUTION FIXED O & M COST .....	0.95 \$/KW
(12) T&D FIXED O & M ESCALATION RATE .....	3.61 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.948 CENTS/kWh
(14) GENERATOR VARIABLE O & M COST ESCALATION RATE .....	3.89 %**
(15) GENERATOR CAPACITY FACTOR .....	0% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	0.00 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	0.00 %**

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

1  
2  
3  
\* INPUT DATA - PART 1 CONTINUED  
PROGRAM METHOD SOURCE REV REQ  
PROGRAM NAME

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)
2007	0	26	0	26	22	4	220	0	0	220
2008	0	0	0	0	41	7	0	0	0	0
2009	0	0	0	0	36	7	0	0	0	0
2010	0	0	0	0	35	7	0	0	0	0
2011	0	0	0	0	32	7	0	0	0	0
2012	0	0	0	0	32	7	0	0	0	0
2013	0	0	0	0	34	7	0	0	0	0
2014	0	0	0	0	35	7	0	0	0	0
2015	0	0	0	0	36	7	0	0	0	0
2016	0	0	0	0	40	7	0	0	0	0
2017	0	0	0	0	42	8	0	0	0	0
2018	0	0	0	0	44	8	0	0	0	0
2019	0	0	0	0	45	9	0	0	0	0
2020	0	0	0	0	47	10	0	0	0	0
2021	0	0	0	0	48	10	0	0	0	0
2022	0	0	0	0	50	10	0	0	0	0
2023	0	0	0	0	51	10	0	0	0	0
2024	0	0	0	0	53	10	0	0	0	0
2025	0	0	0	0	55	10	0	0	0	0
2026	0	0	0	0	57	10	0	0	0	0
2027	0	26	0	26	59	10	324	0	0	324
2028	0	0	0	0	61	10	0	0	0	0
2029	0	0	0	0	63	10	0	0	0	0
2030	0	0	0	0	65	10	0	0	0	0
2031	0	0	0	0	67	10	0	0	0	0

NCM	0	31	0	31	1,150	218	544	0	0	544
NPV	0	31	0	31	433	86	286	0	0	286

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK  
 \*\* NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

1  
2  
3  
CALCULATION OF GEN E-FACTOR  
PROGRAM NAME [REDACTED] SERVICE REQ

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$ (000)	DEBT \$ (000)	PREFERRED STOCK \$ (000)	COMMON EQUITY \$ (000)	INCOME TAXES \$ (000)	PROPERTY TAX \$ (000)	PROPERTY INSURANCE \$ (000)	DEPREC. \$ (000)	DEFERRED TAXES \$ (000)	TOTAL FIXED CHARGES \$ (000)	PRESENT WORTH FIXED CHARGES \$ (000)	CUMULATIVE PW FIXED CHARGES \$ (000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$ (000)
2011	103	3	0	7	4	2	0	4	(0)	21	21	101
2012	99	3	0	6	3	2	0	4	1	20	19	101
2013	94	3	0	6	3	2	0	4	1	19	16	104
2014	88	3	0	6	3	2	1	4	1	18	15	107
2015	84	3	0	5	3	2	1	4	1	18	13	110
2016	79	2	0	5	3	2	1	4	1	17	11	113
2017	74	2	0	5	3	1	1	4	0	16	10	117
2018	70	2	0	5	3	1	1	4	0	16	9	120
2019	65	2	0	4	3	1	1	4	0	15	8	124
2020	61	2	0	4	2	1	1	4	0	14	7	128
2021	57	2	0	4	2	1	1	4	0	14	6	131
2022	52	2	0	3	2	1	1	4	0	13	5	135
2023	48	1	0	3	2	1	1	4	0	12	5	139
2024	44	1	0	3	2	1	1	4	0	12	4	144
2025	40	1	0	3	2	1	1	4	0	11	4	148
2026	35	1	0	2	1	1	1	4	0	10	3	152
2027	31	1	0	2	1	1	1	4	0	10	3	157
2028	27	1	0	2	1	1	1	4	0	9	2	162
2029	22	1	0	1	1	0	1	4	0	9	2	167
2030	18	1	0	1	1	0	1	4	0	8	2	172
2031	14	0	0	1	1	0	1	4	(1)	7	1	177
2032	10	0	0	1	2	0	1	4	(1)	7	1	182
2033	8	0	0	1	2	0	1	4	(1)	6	1	187
2034	5	0	0	0	2	0	1	4	(1)	6	1	193
2035	3	0	0	0	2	0	1	4	(1)	6	1	199

IN SERVICE COST (\$000)	101
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
DEPR. TAX RATE	38.57%
DISCOUNT RATE	8.3%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

SOURCE	WEIGHT	COST	%
DEBT	45%	6.50	%
P/S	0%	0.00	%
C/S	55%	11.75	%

E-FACTOR = CPWFC / IN-SVC COST = 1.69005



1  
2  
3  
DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM NAME [REDACTED]  
PROGRAM NAME [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	4	4	4	4	4	4	(0)	7	0	0	0	(0)	(0)
2012	7.22%	7	11	4	8	4	7	1	7	0	0	0	1	(1)
2013	6.68%	7	18	4	12	4	11	1	7	0	0	0	1	0
2014	6.18%	6	24	4	16	4	15	1	7	0	0	0	1	1
2015	5.71%	6	29	4	20	4	19	1	7	0	0	0	1	2
2016	5.29%	5	33	4	24	4	22	1	7	0	0	0	1	2
2017	4.89%	5	39	4	28	4	26	0	7	0	0	0	0	3
2018	4.52%	4	44	4	32	4	30	0	7	0	0	0	0	3
2019	4.46%	4	48	4	36	4	34	0	7	0	0	0	0	4
2020	4.46%	4	53	4	40	4	37	0	7	0	0	0	0	4
2021	4.46%	4	57	4	44	4	41	0	7	0	0	0	0	4
2022	4.46%	4	62	4	48	4	45	0	7	0	0	0	0	4
2023	4.46%	4	66	4	52	4	49	0	7	0	0	0	0	4
2024	4.46%	4	71	4	56	4	52	0	7	0	0	0	0	5
2025	4.46%	4	75	4	60	4	56	0	7	0	0	0	0	5
2026	4.46%	4	79	4	64	4	60	0	7	0	0	0	0	5
2027	4.46%	4	84	4	69	4	64	0	7	0	0	0	0	6
2028	4.46%	4	88	4	73	4	67	0	7	0	0	0	0	6
2029	4.46%	4	93	4	77	4	71	0	7	0	0	0	0	6
2030	4.46%	4	97	4	81	4	75	0	7	0	0	0	0	6
2031	2.23%	2	99	4	85	4	79	(1)	7	0	0	0	(1)	4
2032	0.00%	0	99	4	89	4	82	(1)	7	0	0	0	(1)	3
2033	0.00%	0	99	4	93	4	86	(1)	7	0	0	0	(1)	3
2034	0.00%	0	99	4	97	4	90	(1)	7	0	0	0	(1)	1
2035	0.00%	0	99	4	101	4	94	(1)	7	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	7
BOOK DEPR RATE - USEFUL LIFE	4.00%

1  
2  
3

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REV REQ  
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2011	3.75%	4	(0)	97	4	(2)	103	99	101
2012	7.22%	7	1	93	8	(1)	99	94	96
2013	6.68%	7	1	89	12	0	94	88	91
2014	6.18%	6	1	85	16	1	88	84	86
2015	5.71%	6	1	81	20	2	84	79	81
2016	5.29%	5	1	77	24	2	79	74	76
2017	4.89%	5	0	73	28	3	74	70	72
2018	4.52%	4	0	69	32	3	70	65	68
2019	4.46%	4	0	64	36	3	65	61	63
2020	4.46%	4	0	60	40	4	61	57	59
2021	4.46%	4	0	56	44	4	57	52	55
2022	4.46%	4	0	52	48	4	52	48	50
2023	4.46%	4	0	48	52	4	48	44	46
2024	4.46%	4	0	44	56	5	44	40	42
2025	4.46%	4	0	40	60	5	40	35	37
2026	4.46%	4	0	36	64	5	35	31	33
2027	4.46%	4	0	32	68	6	31	27	29
2028	4.46%	4	0	28	73	6	27	23	25
2029	4.46%	4	0	24	77	6	22	18	20
2030	4.46%	4	0	20	81	6	18	14	16
2031	2.23%	2	(1)	16	85	6	14	10	12
2032	0.00%	0	(1)	12	89	4	10	8	9
2033	0.00%	0	(1)	8	93	3	8	5	6
2034	0.00%	0	(1)	4	97	1	5	3	4
2035	0.00%	0	(1)	0	101	0	3	0	1

\* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2007	-4	0.00%	1.000	0.00%	0.00	0.00
2008	-3	3.00%	1.030	18.56%	129.27	64.68
2009	-2	3.00%	1.061	63.95%	459.85	358.89
2010	-1	3.00%	1.093	17.89%	129.27	633.06

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(4)* DEBT AFUDC (\$/KW)	(5)* CUMULATIVE DEBT AFUDC (\$/KW)	(6) YEARLY TOTAL AFUDC (\$/KW)	(7)* CUMULATIVE TOTAL AFUDC (\$/KW)	(8)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9)* CUMULATIVE CPI (\$/KW)	(10)* DEFERRED TAXES (\$/KW)	(11)* CUMULATIVE DEFERRED TAXES (\$/KW)	(12)	(13)
											100.00%	717.69
2007	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	-3	64.68	1.70	1.70	5.01	5.01	4.46	4.46	(1.07)	(1.07)	134.38	134.38
2009	-2	363.91	9.59	11.29	28.29	33.30	25.07	29.53	(5.97)	(7.04)	487.34	621.72
2010	-1	686.35	18.23	29.52	33.74	87.04	47.10	76.63	(11.14)	(18.17)	804.73	804.73

29.52

87.04

76.63

(18.17)

804.73

121.6013454

IN SERVICE YEAR	2011
PLANT COSTS	676,604,299.5
AFUDC RATE	7.75%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	90	90	90
EQUITY AFUDC	7		
DEBT AFUDC	4	4	
CPI			10
TOTAL	101	94	99

\* Column not specified in workbook

1  
2  
3 INPUT DATA - PART 2  
PROGRAM NUMBER: REV\_REQ  
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (\$/KWH)	(5) AVOIDED MARGINAL FUEL COST (\$/KWH)	(6)* INCREASED MARGINAL FUEL COST (\$/KWH)	(7) REPLACEMENT FUEL COST (\$/KWH)	(8) PROGRAM/KW EFFECTIVENESS FACTOR	(9) PROGRAM/KWH EFFECTIVENESS FACTOR
2007	1	1	6.77	7.19	7.72	0.00	1.00	1.00
2008	1	1	7.09	8.48	9.15	0.00	1.00	1.00
2009	1	1	7.61	8.16	9.46	0.00	1.00	1.00
2010	1	1	7.83	8.36	9.82	0.00	1.00	1.00
2011	1	1	7.94	7.66	9.37	0.00	1.00	1.00
2012	1	1	6.88	7.28	9.06	213.71	1.00	1.00
2013	1	1	7.18	7.63	9.42	91.72	1.00	1.00
2014	1	1	7.79	8.31	18.13	21.55	1.00	1.00
2015	1	1	8.27	8.80	18.68	15.81	1.00	1.00
2016	1	1	8.74	9.34	11.38	12.81	1.00	1.00
2017	1	1	8.83	9.41	11.79	12.87	1.00	1.00
2018	1	1	9.04	9.59	11.94	13.57	1.00	1.00
2019	1	1	9.54	10.16	12.91	13.68	1.00	1.00
2020	1	1	10.01	10.39	13.45	13.46	1.00	1.00
2021	1	1	10.31	11.15	14.17	13.63	1.00	1.00
2022	1	1	10.85	11.47	14.80	15.02	1.00	1.00
2023	1	1	11.09	11.72	14.85	14.65	1.00	1.00
2024	1	1	11.61	12.24	15.63	14.13	1.00	1.00
2025	1	1	12.04	12.66	16.15	13.99	1.00	1.00
2026	1	1	12.46	13.09	16.48	17.46	1.00	1.00
2027	1	1	12.89	13.49	16.96	18.49	1.00	1.00
2028	1	1	13.29	13.83	16.94	16.19	1.00	1.00
2029	1	1	13.93	14.47	17.87	16.96	1.00	1.00
2030	1	1	14.48	14.98	18.18	18.71	1.00	1.00
2031	1	1	14.83	15.28	18.13	18.02	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.

1  
2  
3  
AVOIDED GENERATING BENEFITS  
PROGRAM METHOD SELECTED BY REQ  
PROGRAM NAME

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(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)
2007	0	0	0.0	0	0	0
2008	0	0	0.0	0	0	0
2009	0	0	0.0	0	0	0
2010	0	0	0.0	0	0	0
2011	21	4	0.0	0	0	25
2012	26	4	0.0	0	5	20
2013	19	4	0.0	0	5	18
2014	18	4	0.0	4	10	16
2015	18	4	0.0	5	10	17
2016	17	4	0.1	12	18	16
2017	16	4	0.1	13	18	15
2018	16	4	0.1	16	23	13
2019	15	4	0.1	20	28	11
2020	14	4	0.1	22	28	12
2021	14	4	0.1	23	28	12
2022	13	4	0.1	22	28	10
2023	12	5	0.1	21	25	12
2024	12	5	0.1	23	27	12
2025	11	5	0.1	26	29	12
2026	10	5	0.1	10	14	12
2027	10	5	0.0	7	9	12
2028	9	5	0.0	6	7	13
2029	9	5	0.0	7	8	12
2030	8	5	0.0	5	6	11
2031	7	5	0.0	4	5	11

NOM	290	33	1.4	245	335	295
NPV	121	33	0.5	78	113	119

1  
2  
3

AVOIDED T&D AND PROGRAM FUEL SAVINGS  
PROGRAM NAME: [REDACTED] REV REQ  
PROGRAM NAME: [REDACTED]

(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)	(9a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2007	0	0	0	0	0	0	24	0
2008	4	0	5	0	0	0	55	0
2009	4	0	5	0	0	0	53	0
2010	4	0	4	0	0	0	55	0
2011	4	0	4	0	0	0	50	0
2012	4	0	4	0	0	0	48	0
2013	4	0	4	0	0	0	50	0
2014	4	0	4	0	0	0	54	0
2015	3	0	4	0	0	0	58	0
2016	3	0	4	0	0	0	61	0
2017	3	1	4	0	0	0	62	0
2018	3	1	4	0	0	0	63	0
2019	3	1	4	0	0	0	67	0
2020	3	1	3	0	0	0	69	0
2021	3	1	3	0	0	0	73	0
2022	3	1	3	0	0	0	75	0
2023	3	1	3	0	0	0	77	0
2024	2	1	3	0	0	0	80	0
2025	2	1	3	0	0	0	83	0
2026	2	1	3	0	0	0	86	0
2027	2	1	3	0	0	0	88	0
2028	2	1	3	0	0	0	91	0
2029	2	1	3	0	0	0	95	0
2030	2	1	3	0	0	0	98	0
2031	2	1	3	0	0	0	100	0

NOM.	71	13	84	6	4	10	1,713	0
NPV	34	5	39	3	1	4	667	0

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

3  
2  
1

TOTAL RESOURCE COST TEST  
PROGRAM METHOD SELECTED: REV\_BEQ  
PROGRAM NAME: [REDACTED]

(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)
2007	0	0	220	0	220	0	0	24	0	24	(137)	(137)
2008	0	0	0	0	0	0	5	55	0	60	60	(141)
2009	0	0	0	0	0	0	5	53	0	58	58	(91)
2010	0	0	0	0	0	0	5	35	0	60	60	(44)
2011	0	0	0	0	0	25	5	30	0	80	80	13
2012	0	0	0	0	0	20	5	48	0	72	72	82
2013	0	0	0	0	0	18	5	50	0	73	73	107
2014	0	0	0	0	0	16	4	54	0	75	75	150
2015	0	0	0	0	0	17	4	58	0	79	79	192
2016	0	0	0	0	0	16	4	61	0	81	81	231
2017	0	0	0	0	0	15	4	62	0	81	81	268
2018	0	0	0	0	0	13	4	63	0	80	80	301
2019	0	0	0	0	0	11	4	67	0	82	82	332
2020	0	0	0	0	0	12	4	69	0	86	86	363
2021	0	0	0	0	0	12	4	73	0	89	89	392
2022	0	0	0	0	0	10	4	75	0	89	89	419
2023	0	0	0	0	0	12	4	77	0	93	93	445
2024	0	0	0	0	0	12	3	80	0	96	96	469
2025	0	0	0	0	0	12	3	83	0	99	99	493
2026	0	0	0	0	0	12	3	86	0	101	101	515
2027	0	0	324	0	323	12	3	88	0	103	(221)	470
2028	0	0	0	0	0	13	3	91	0	107	107	490
2029	0	0	0	0	0	12	3	95	0	110	110	509
2030	0	0	0	0	0	11	3	98	0	113	113	527
2031	0	0	0	0	0	11	3	100	0	114	114	544

NOM	0	0	544	0	545	293	94	1,713	0	2,103	1,558
NPV	0	0	286	0	286	119	44	667	0	830	544

Discount Rate:

8.30 %

Benefit/Cost Ratio (Col(11) / Col(6)) :

1.50

1  
2  
3  
PARTICIPANT COSTS AND BENEFITS  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER CALL COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	26	0	26	0	52	220	0	0	220	(168)	(168)
2008	48	0	0	0	48	0	0	0	0	48	(124)
2009	43	0	0	0	43	0	0	0	0	43	(87)
2010	42	0	0	0	42	0	0	0	0	42	(53)
2011	39	0	0	0	39	0	0	0	0	39	(25)
2012	39	0	0	0	39	0	0	0	0	39	1
2013	41	0	0	0	41	0	0	0	0	41	27
2014	42	0	0	0	42	0	0	0	0	42	51
2015	44	0	0	0	44	0	0	0	0	44	74
2016	47	0	0	0	47	0	0	0	0	47	97
2017	50	0	0	0	50	0	0	0	0	50	119
2018	52	0	0	0	52	0	0	0	0	52	141
2019	54	0	0	0	54	0	0	0	0	54	162
2020	57	0	0	0	57	0	0	0	0	57	182
2021	58	0	0	0	58	0	0	0	0	58	201
2022	60	0	0	0	60	0	0	0	0	60	219
2023	61	0	0	0	61	0	0	0	0	61	236
2024	63	0	0	0	63	0	0	0	0	63	252
2025	65	0	0	0	65	0	0	0	0	65	268
2026	67	0	0	0	67	0	0	0	0	67	282
2027	69	0	26	0	94	324	0	0	324	(230)	236
2028	71	0	0	0	71	0	0	0	0	71	249
2029	72	0	0	0	72	0	0	0	0	72	261
2030	74	0	0	0	74	0	0	0	0	74	273
2031	76	0	0	0	76	0	0	0	0	76	285

NOM	1,360	0	51	0	1,412	544	0	0	544	867
NPV	539	0	51	0	570	286	0	0	286	285

In Service of Gen Unit:  
Discount Rate:  
Benefit/Cost Ratio ( Col(6) / Col(10) )

2011  
8.30 %  
2.00



1  
2  
3  
RATE IMPACT TEST  
PROGRAM NUMBER: [REDACTED] REV REQ  
PROGRAM NAME: [REDACTED]

(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 BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	0	0	26	26	0	52	24	0	0	0	24	(28)	(28)
2008	0	0	0	48	0	48	55	5	0	0	60	12	(17)
2009	0	0	0	43	0	43	53	5	0	0	58	15	(5)
2010	0	0	0	42	0	42	55	5	0	0	60	17	9
2011	0	0	0	39	0	39	75	5	0	0	80	41	38
2012	0	0	0	39	0	39	67	5	0	0	72	33	68
2013	0	0	0	41	0	41	68	5	0	0	73	32	80
2014	0	0	0	42	0	42	71	4	0	0	75	33	99
2015	0	0	0	44	0	44	75	4	0	0	79	36	118
2016	0	0	0	47	0	47	77	4	0	0	81	34	135
2017	0	0	0	50	0	50	77	4	0	0	81	31	149
2018	0	0	0	52	0	52	76	4	0	0	80	28	160
2019	0	0	0	54	0	54	78	4	0	0	82	27	171
2020	0	0	0	57	0	57	82	4	0	0	86	29	181
2021	0	0	0	58	0	58	85	4	0	0	89	31	191
2022	0	0	0	60	0	60	85	4	0	0	89	29	200
2023	0	0	0	61	0	61	89	4	0	0	93	32	209
2024	0	0	0	63	0	63	92	3	0	0	96	33	217
2025	0	0	0	65	0	65	95	3	0	0	99	34	225
2026	0	0	0	67	0	67	97	3	0	0	101	34	233
2027	0	0	26	69	0	95	100	3	0	0	103	3	234
2028	0	0	0	71	0	71	105	3	0	0	107	36	241
2029	0	0	0	72	0	72	107	3	0	0	110	38	248
2030	0	0	0	74	0	74	110	3	0	0	113	38	254
2031	0	0	0	76	0	76	111	3	0	0	114	38	259

NOM.	0	0	31	1,360	0	1,412	2,008	34	0	0	2,103	690
NFV	0	0	31	529	0	571	786	44	0	0	830	259

Discount Rate 8.50 %  
Benefit/Cost Ratio (Col(13) / Col(7)) : 1.45

1  
2  
3

INPUT DATA - PART I CONTINUED  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	37.12 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	50.88 KW
(3) KW LINE LOSS PERCENTAGE .....	9.57 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER .....	262,234.71 KVA
(5) KVA LINE LOSS PERCENTAGE .....	7.46 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.00
(7) CUSTOMER KVA INCREASE AT METER .....	0.00 KVA

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM .....	25 YEARS
(2) GENERATOR ECONOMIC LIFE .....	25 YEARS
(3) T&D ECONOMIC LIFE .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.64075
(5) K FACTOR FOR T & D .....	1.92296

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 .....	8.82 %
(11) UTILITY APUDC RATE .....	7.47 %
(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 .....	2007
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2010-2011
(4) BASE YEAR AVOIDED GENERATING COST .....	676.60 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	147.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	17.27 \$/KW
(7) GEN, TRAN & DIRT COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	30.55 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	3.61 %**
(10) TRANSMISSION FIXED O & M COST .....	2.68 \$/KW
(11) DISTRIBUTION FIXED O & M COST .....	0.95 \$/KW
(12) T&D FIXED O&M ESCALATION RATE .....	3.61 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.048 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE .....	3.89 %**
(15) GENERATOR CAPACITY FACTOR .....	3% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	6.35 CENTS PER KWH** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	7.97 %**

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  
\*\* VALUES SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)  
\*\*\* PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

1  
2  
3

\* INPUT DATA - PART I CONTINUED  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME [REDACTED]

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)
2007	0	18	0	18	9	1	88	0	0	88
2008	0	0	0	0	16	3	0	0	0	0
2009	0	0	0	0	14	3	0	0	0	0
2010	0	0	0	0	14	3	0	0	0	0
2011	0	0	0	0	13	3	0	0	0	0
2012	0	0	0	0	13	3	0	0	0	0
2013	0	0	0	0	13	3	0	0	0	0
2014	0	0	0	0	14	3	0	0	0	0
2015	0	0	0	0	15	3	0	0	0	0
2016	0	0	0	0	16	3	0	0	0	0
2017	0	0	0	0	17	3	0	0	0	0
2018	0	0	0	0	18	3	0	0	0	0
2019	0	0	0	0	18	4	0	0	0	0
2020	0	0	0	0	19	4	0	0	0	0
2021	0	0	0	0	19	4	0	0	0	0
2022	0	0	0	0	20	4	0	0	0	0
2023	0	0	0	0	21	4	0	0	0	0
2024	0	0	0	0	21	4	0	0	0	0
2025	0	0	0	0	22	4	0	0	0	0
2026	0	0	0	0	23	4	0	0	0	0
2027	0	10	0	10	24	4	128	0	0	128
2028	0	0	0	0	24	4	0	0	0	0
2029	0	0	0	0	25	4	0	0	0	0
2030	0	0	0	0	26	4	0	0	0	0
2031	0	0	0	0	27	4	0	0	0	0
<hr/>										
NOM	0	21	0	21	461	84	216	0	0	216
NPV	0	12	0	12	173	33	112	0	0	112

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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

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CALCULATION OF GEN K-FACTOR  
PROGRAM METHOD SELECTED BY HQ  
PROGRAM NAME [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
YEAR	HQ-YEAR RATE BASE \$ (000)	DEBT \$ (000)	PREFERRED STOCK \$ (000)	COMMON EQUITY \$ (000)	INCOME TAXES \$ (000)	PROPERTY TAX \$ (000)	PROPERTY INSURANCE \$ (000)	DEPREC. \$ (000)	DEFERRED TAXES \$ (000)	TOTAL FIXED CHARGES \$ (000)	PRESENT WORTH FIXED CHARGES \$ (000)	CUMULATIVE PW FIXED CHARGES \$ (000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$ (000)
2011	41	1	0	3	2	1	0	2	(0)	8	8	8	40
2012	39	1	0	3	1	1	0	2	1	8	7	16	40
2013	37	1	0	2	1	1	0	2	0	8	6	22	41
2014	35	1	0	2	1	1	0	2	0	7	6	28	43
2015	33	1	0	2	1	1	0	2	0	7	5	33	44
2016	31	1	0	2	1	1	0	2	0	7	4	37	45
2017	30	1	0	2	1	1	0	2	0	7	4	41	47
2018	28	1	0	2	1	1	0	2	0	6	3	45	48
2019	26	1	0	2	1	1	0	2	0	6	3	48	49
2020	24	1	0	2	1	0	0	2	0	6	3	50	51
2021	23	1	0	1	1	0	0	2	0	5	2	53	52
2022	21	1	0	1	1	0	0	2	0	5	2	55	54
2023	19	1	0	1	1	0	0	2	0	5	2	57	56
2024	17	1	0	1	1	0	0	2	0	5	2	58	57
2025	16	0	0	1	1	0	0	2	0	4	1	59	59
2026	14	0	0	1	1	0	0	2	0	4	1	61	61
2027	12	0	0	1	0	0	0	2	0	4	1	62	63
2028	11	0	0	1	0	0	0	2	0	4	1	62	64
2029	9	0	0	1	0	0	0	2	0	3	1	63	66
2030	7	0	0	0	0	0	0	2	0	3	1	64	68
2031	5	0	0	0	1	0	0	2	(0)	3	1	64	70
2032	4	0	0	0	1	0	0	2	(1)	3	0	65	72
2033	3	0	0	0	1	0	0	2	(1)	3	0	65	75
2034	2	0	0	0	1	0	0	2	(1)	2	0	66	77
2035	1	0	0	0	1	0	0	2	(1)	2	0	66	79

IN SERVICE COST (\$000)	40
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
EFFEC. TAXRATE	38.57%
DISCOUNT RATE	8.8%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

SOURCE	WEIGHT	COST	%
DEBT	45%	6.90	%
P/S	0%	0.00	%
C/S	55%	11.75	%

K-FACTOR - CPWFC / IN-SVC COST = 1.6475

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
 PROGRAM METHOD SELECTED: REV\_REQ  
 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	1	1	2	2	1	1	(0)	3	0	0	0	(0)	(1)
2012	7.22%	3	4	2	3	1	3	1	3	0	0	0	1	(0)
2013	6.88%	3	7	2	5	1	4	0	3	0	0	0	0	0
2014	6.18%	2	9	2	6	1	6	0	3	0	0	0	0	0
2015	5.71%	2	12	2	8	1	7	0	3	0	0	0	0	0
2016	5.25%	2	14	2	10	1	9	0	3	0	0	0	0	1
2017	4.87%	2	16	2	11	1	10	0	3	0	0	0	0	1
2018	4.52%	2	18	2	13	1	12	0	3	0	0	0	0	1
2019	4.46%	2	19	2	14	1	13	0	3	0	0	0	0	1
2020	4.46%	2	21	2	16	1	15	0	3	0	0	0	0	1
2021	4.46%	2	23	2	18	1	16	0	3	0	0	0	0	2
2022	4.46%	2	25	2	19	1	18	0	3	0	0	0	0	2
2023	4.46%	2	26	2	21	1	19	0	3	0	0	0	0	2
2024	4.46%	2	28	2	22	1	21	0	3	0	0	0	0	2
2025	4.46%	2	30	2	24	1	22	0	3	0	0	0	0	2
2026	4.46%	2	32	2	26	1	24	0	3	0	0	0	0	2
2027	4.46%	2	34	2	27	1	25	0	3	0	0	0	0	2
2028	4.46%	2	35	2	29	1	27	0	3	0	0	0	0	2
2029	4.46%	2	37	2	31	1	28	0	3	0	0	0	0	2
2030	4.46%	2	39	2	32	1	30	0	3	0	0	0	0	3
2031	2.23%	1	40	2	34	1	31	(0)	3	0	0	0	(0)	2
2032	0.00%	0	40	2	35	1	33	(1)	3	0	0	0	(1)	2
2033	0.00%	0	40	2	37	1	34	(1)	3	0	0	0	(1)	1
2034	0.00%	0	40	2	39	1	36	(1)	3	0	0	0	(1)	1
2035	0.00%	0	40	2	40	1	37	(1)	3	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	3
BOOK DEPR RATE - LUNEFUL LIFE	4.00%

1  
2  
3  
DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2011	3.75%	1	(0)	39	2	(1)	41	39	40
2012	7.22%	3	1	37	3	(0)	39	37	38
2013	6.68%	3	0	35	5	0	37	35	36
2014	6.18%	2	0	34	6	0	35	33	34
2015	5.71%	2	0	32	8	1	33	31	32
2016	5.29%	2	0	31	10	1	31	30	30
2017	4.89%	2	0	29	11	1	30	28	29
2018	4.52%	2	0	27	13	1	28	26	27
2019	4.16%	2	0	26	14	1	26	24	25
2020	4.46%	2	0	24	16	1	24	23	23
2021	4.46%	2	0	22	18	2	23	21	22
2022	4.46%	2	0	21	19	2	21	19	20
2023	4.46%	2	0	19	21	2	19	17	18
2024	4.46%	2	0	18	22	2	17	16	17
2025	4.46%	2	0	16	24	2	16	14	15
2026	4.46%	2	0	14	26	2	14	12	13
2027	4.46%	2	0	13	27	2	12	11	11
2028	4.46%	2	0	11	29	2	11	9	10
2029	4.46%	2	0	10	31	2	9	7	8
2030	4.46%	2	0	8	32	3	7	5	6
2031	2.23%	1	(0)	6	34	2	5	4	5
2032	0.00%	0	(1)	5	35	2	4	3	4
2033	0.00%	0	(1)	3	37	1	3	2	3
2034	0.00%	0	(1)	2	39	1	2	1	2
2035	0.00%	0	(1)	0	40	0	1	0	1

\* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2007	-4	0.00%	1.000	0.00%	0.00	0.00
2008	-3	3.00%	1.030	16.56%	129.37	64.68
2009	-2	3.00%	1.061	63.93%	459.05	358.89
2010	-1	3.00%	1.093	17.69%	129.27	633.06

YEAR	(1) NO. YEARS BEFORE IN-SERVICE	(2) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(3a)* DEBT AFUDC (\$/KW)	(3b)* CUMULATIVE DEBT AFUDC (\$/KW)	(4) YEARLY TOTAL AFUDC (\$/KW)	(5a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(5b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(6a)* CUMULATIVE CPI (\$/KW)	(6b)* DEFERRED TAXES (\$/KW)	(7a)* CUMULATIVE DEFERRED TAXES (\$/KW)	(8)	(9)
											INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2007	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	-3	64.68	1.64	1.64	4.83	4.83	4.46	4.46	(1.09)	0.00	134.20	134.20
2009	-2	363.72	9.24	10.88	27.25	32.08	25.07	29.53	(6.11)	(7.19)	486.31	620.50
2010	-1	685.14	17.54	28.43	51.72	83.80	47.18	76.63	(11.40)	(18.60)	180.99	801.49

28.43

83.80

76.63

(18.60)

801.49

121.6013454

IN SERVICE YEAR	2011
PLANT COSTS	676,604,299.5
AFUDC RATE	7.47%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAXBASIS
CONSTRUCTION CASH	36	36	36
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			4
TOTAL	40	37	40

\* Columns not specified in workbook

1  
2  
3

INPUT DATA - PART 2  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (¢/kWh)	AVOIDED MARGINAL FUEL COST (¢/kWh)	INCREASED MARGINAL FUEL COST (¢/kWh)	REPLACEMENT FUEL COST (¢/kWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KW EFFECTIVENESS FACTOR
2007	1	1	7.43	7.92	8.50	0.00	1.00	1.00
2008	1	1	7.47	7.91	8.47	0.00	1.00	1.00
2009	1	1	6.19	6.65	7.83	0.00	1.00	1.00
2010	1	1	6.22	6.66	7.88	0.00	1.00	1.00
2011	1	1	5.65	6.02	7.28	14.86	1.00	1.00
2012	1	1	6.16	6.62	7.77	10.82	1.00	1.00
2013	1	1	6.41	6.88	8.00	10.44	1.00	1.00
2014	1	1	6.41	6.87	8.24	9.06	1.00	1.00
2015	1	1	6.55	6.99	8.61	11.92	1.00	1.00
2016	1	1	7.06	7.35	9.34	13.61	1.00	1.00
2017	1	1	7.51	8.02	9.92	10.88	1.00	1.00
2018	1	1	7.82	8.28	10.37	13.82	1.00	1.00
2019	1	1	8.03	8.46	10.75	15.37	1.00	1.00
2020	1	1	8.58	9.06	11.67	13.59	1.00	1.00
2021	1	1	9.10	9.67	12.49	17.15	1.00	1.00
2022	1	1	9.13	9.64	12.63	15.04	1.00	1.00
2023	1	1	9.34	9.84	12.90	13.73	1.00	1.00
2024	1	1	9.35	10.04	13.04	14.26	1.00	1.00
2025	1	1	9.80	10.28	13.35	15.64	1.00	1.00
2026	1	1	10.07	10.53	13.46	14.87	1.00	1.00
2027	1	1	10.33	10.74	13.45	14.82	1.00	1.00
2028	1	1	10.56	10.95	13.48	15.86	1.00	1.00
2029	1	1	10.87	11.25	13.64	15.30	1.00	1.00
2030	1	1	11.20	11.57	13.93	17.09	1.00	1.00
2031	1	1	11.44	11.78	13.91	17.56	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.



1  
2  
3  
AVOIDED GENERATING BENEFITS  
PROGRAM METHOD SELECTED: RSV\_RBQ  
PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(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)
2007	0	0	0.0	0	0	0
2008	0	0	0.0	0	0	0
2009	0	0	0.0	0	0	0
2010	0	0	0.0	0	0	0
2011	8	2	0.0	1	2	9
2012	8	2	0.0	1	2	9
2013	8	2	0.0	2	2	9
2014	7	2	0.0	1	2	9
2015	7	2	0.0	2	3	8
2016	7	2	0.0	4	6	6
2017	7	2	0.0	5	6	7
2018	6	2	0.0	6	10	4
2019	6	2	0.0	5	8	4
2020	6	2	0.0	6	8	5
2021	5	2	0.1	10	17	1
2022	5	2	0.0	8	11	4
2023	5	2	0.0	8	10	5
2024	5	2	0.0	8	10	4
2025	4	2	0.0	8	11	4
2026	4	2	0.0	7	9	4
2027	4	2	0.0	6	8	4
2028	4	2	0.0	6	8	4
2029	3	2	0.0	6	7	4
2030	3	2	0.0	7	9	3
2031	3	2	0.0	6	8	3
<hr/>						
NOM	115	37	0.7	115	158	110
NPV	46	17	0.2	32	46	45

-22-  
3

AVOIDED T&D AND PROGRAM FUEL SAVINGS  
 PROGRAM METHOD SELECTED: REV\_REQ  
 PROGRAM NAME: [REDACTED]

(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)	(8a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2007	0	0	0	0	0	0	10	0
2008	2	0	2	0	0	0	21	0
2009	2	0	2	0	0	0	17	0
2010	2	0	2	0	0	0	17	0
2011	2	0	2	0	0	0	16	0
2012	2	0	2	0	0	0	17	0
2013	1	0	2	0	0	0	18	0
2014	1	0	2	0	0	0	18	0
2015	1	0	2	0	0	0	18	0
2016	1	0	2	0	0	0	20	0
2017	1	0	1	0	0	0	21	0
2018	1	0	1	0	0	0	22	0
2019	1	0	1	0	0	0	22	0
2020	1	0	1	0	0	0	24	0
2021	1	0	1	0	0	0	25	0
2022	1	0	1	0	0	0	25	0
2023	1	0	1	0	0	0	26	0
2024	1	0	1	0	0	0	26	0
2025	1	0	1	0	0	0	27	0
2026	1	0	1	0	0	0	28	0
2027	1	0	1	0	0	0	28	0
2028	1	0	1	0	0	0	29	0
2029	1	0	1	0	0	0	29	0
2030	1	0	1	0	0	0	30	0
2031	1	0	1	0	0	0	31	0
<b>NOM</b>	<b>28</b>	<b>5</b>	<b>34</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>567</b>	<b>0</b>
<b>NPV</b>	<b>13</b>	<b>2</b>	<b>15</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>216</b>	<b>0</b>

\* 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: RBY\_BKQ  
PROGRAM NAME ██████████

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) PARTICIPANT PROGRAM COSTS \$(000)	(5) OTHER COSTS \$(000)	(6) TOTAL COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)	(8) AVOIDED T&D BENEFITS \$(000)	(9) PROGRAM FUEL SAVINGS \$(000)	(10) OTHER BENEFITS \$(000)	(11) TOTAL BENEFITS \$(000)	(12) NET BENEFITS \$(000)	(13) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	0	0	88	0	88	0	0	10	0	10	(78)	(78)
2008	0	0	0	0	0	0	2	21	0	23	23	(57)
2009	0	0	0	0	0	0	2	17	0	19	19	(40)
2010	0	0	0	0	0	0	2	17	0	19	19	(25)
2011	0	0	0	0	0	9	2	16	0	27	27	(6)
2012	0	0	0	0	0	9	2	17	0	28	28	12
2013	0	0	0	0	0	9	2	18	0	28	28	29
2014	0	0	0	0	0	9	2	18	0	28	28	45
2015	0	0	0	0	0	0	2	18	0	28	28	58
2016	0	0	0	0	0	6	2	20	0	28	28	72
2017	0	0	0	0	0	7	2	21	0	30	30	85
2018	0	0	0	0	0	4	2	22	0	28	28	95
2019	0	0	0	0	0	4	2	22	0	28	28	106
2020	0	0	0	0	0	5	2	24	0	31	31	116
2021	0	0	0	0	0	1	1	25	0	28	28	124
2022	0	0	0	0	0	4	1	25	0	30	30	133
2023	0	0	0	0	0	5	1	26	0	32	32	141
2024	0	0	0	0	0	4	1	26	0	32	32	149
2025	0	0	0	0	0	4	1	27	0	32	32	156
2026	0	0	0	0	0	4	1	28	0	33	33	162
2027	0	0	128	0	128	4	1	28	0	34	(94)	145
2028	0	0	0	0	0	4	1	29	0	34	34	151
2029	0	0	0	0	0	4	1	29	0	35	35	156
2030	0	0	0	0	0	3	1	30	0	35	35	161
2031	0	0	0	0	0	3	1	31	0	35	35	166

NOM	0	0	216	0	216	110	38	567	0	715	499
NPV	0	0	112	0	112	45	17	216	0	278	166

Discount Rate: 8.82 %  
Benefit/Cost Ratio (Col(11) / Col(9)) : 2.48

62-  
**PARTICIPANT COSTS AND BENEFITS**  
**PROGRAM/METHOD SELECTED: REV\_REQ**  
**PROGRAM NAME: [REDACTED]**

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER O&M COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	10	0	10	0	21	28	0	0	28	(67)	(67)
2008	19	0	0	0	19	0	0	0	0	19	(50)
2009	17	0	0	0	17	0	0	0	0	17	(35)
2010	17	0	0	0	17	0	0	0	0	17	(22)
2011	16	0	0	0	16	0	0	0	0	16	(11)
2012	16	0	0	0	16	0	0	0	0	16	(0)
2013	16	0	0	0	16	0	0	0	0	16	10
2014	17	0	0	0	17	0	0	0	0	17	28
2015	17	0	0	0	17	0	0	0	0	17	37
2016	19	0	0	0	19	0	0	0	0	19	45
2017	20	0	0	0	20	0	0	0	0	20	53
2018	21	0	0	0	21	0	0	0	0	21	61
2019	22	0	0	0	22	0	0	0	0	22	69
2020	23	0	0	0	23	0	0	0	0	23	76
2021	23	0	0	0	23	0	0	0	0	23	83
2022	24	0	0	0	24	0	0	0	0	24	89
2023	24	0	0	0	24	0	0	0	0	24	95
2024	25	0	0	0	25	0	0	0	0	25	101
2025	26	0	0	0	26	0	0	0	0	26	106
2026	27	0	0	0	27	0	0	0	0	27	106
2027	28	0	10	0	38	128	0	0	128	(90)	89
2028	28	0	0	0	28	0	0	0	0	28	34
2029	29	0	0	0	29	0	0	0	0	29	39
2030	30	0	0	0	30	0	0	0	0	30	103
2031	31	0	0	0	31	0	0	0	0	31	107

NOM	545	0	21	0	565	216	0	0	216	349
NFV	206	0	12	0	219	112	0	0	112	107

In Service of Gen Unli;  
 Discount Rate:  
 Benefit/Cost Ratio (Col(6) / Col(10))

2011  
 8.82 %  
 1.96

RATE IMPACT TEST  
 PROGRAM METHOD SELECTED: REV\_REQ  
 PROGRAM NAME: ██████████

(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 BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	0	0	10	18	0	21	10	0	0	0	10	(10)	(10)
2008	0	0	0	19	0	19	21	2	0	0	23	3	(7)
2009	0	0	0	17	0	17	17	2	0	0	19	2	(6)
2010	0	0	0	17	0	17	17	2	0	0	19	2	(4)
2011	0	0	0	16	0	16	25	2	0	0	27	11	4
2012	0	0	0	16	0	16	26	2	0	0	28	12	12
2013	0	0	0	16	0	16	27	2	0	0	28	12	20
2014	0	0	0	17	0	17	27	2	0	0	28	12	26
2015	0	0	0	17	0	17	26	2	0	0	28	10	31
2016	0	0	0	19	0	19	26	2	0	0	28	9	35
2017	0	0	0	20	0	20	28	2	0	0	30	10	39
2018	0	0	0	21	0	21	26	2	0	0	28	7	42
2019	0	0	0	22	0	22	27	2	0	0	29	6	44
2020	0	0	0	23	0	23	29	2	0	0	31	8	47
2021	0	0	0	23	0	23	26	1	0	0	28	4	48
2022	0	0	0	24	0	24	29	1	0	0	30	7	50
2023	0	0	0	24	0	24	30	1	0	0	32	7	52
2024	0	0	0	25	0	25	31	1	0	0	32	7	54
2025	0	0	0	26	0	26	30	1	0	0	32	6	55
2026	0	0	0	27	0	27	32	1	0	0	33	6	56
2027	0	0	10	28	0	38	33	1	0	0	34	(4)	56
2028	0	0	0	28	0	28	33	1	0	0	34	6	57
2029	0	0	0	29	0	29	34	1	0	0	35	6	58
2030	0	0	0	30	0	30	34	1	0	0	35	5	58
2031	0	0	0	31	0	31	34	1	0	0	35	5	59

NOM	0	0	21	545	0	565	677	38	0	0	715	149
NPV	0	0	12	206	0	219	261	17	0	0	278	59

Discount Rate  
 Benefit/Cost Ratio (Col(12) / Col(7)) :

8.82 %  
1.27

1  
2  
3

INPUT DATA - PART 1 CONTINUED  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	32.48 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	43.56 KW
(3) KW LINE LOSS PERCENTAGE .....	9.83 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER .....	228,713.92 KWH
(5) KWH LINE LOSS PERCENTAGE .....	7.16 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.00
(7) CUSTOMER KVA INCREASE AT METER .....	0.00 KVA

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM .....	26 YEARS
(2) GENERATOR ECONOMIC LIFE .....	25 YEARS
(3) T&D ECONOMIC LIFE .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.63861
(5) K FACTOR FOR T & D .....	1.92296

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 .....	*** \$/CUSTYR
(7) CUSTOMER O & M COST ESCALATION RATE .....	*** %**
* (8) INCREASED SUPPLY COSTS .....	*** \$/CUSTYR
* (9) SUPPLY COSTS ESCALATION RATES .....	*** %**
* (10) UTILITY DISCOUNT RATE .....	8.82 %
* (11) UTILITY AFUDC RATE .....	7.47 %
* (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 .....	2006
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2009-2011
(4) BASE YEAR AVOIDED GENERATING COST .....	572.00 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	147.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	17.27 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	26.29 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	3.72 %**
(10) TRANSMISSION FIXED O & M COST .....	2.68 \$/KW
(11) DISTRIBUTION FIXED O & M COST .....	0.95 \$/KW
(12) T&D FIXED O&M ESCALATION RATE .....	3.72 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.081 CENTS/KVA
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE .....	1.46 %**
(15) GENERATOR CAPACITY FACTOR .....	2% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	7.20 CENTS PER KWH** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	-0.47 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL .....	*** CENTS/KWA
(2) NON-FUEL COST ESCALATION RATE .....	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL .....	*** \$/KW/DE
(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

1  
2  
3  
\* INPUT DATA - PART 1 CONTINUED  
PROGRAM/METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

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)
2006	0	0	0	0	0	0	0	0	0	
2007	1	9	0	9	8	1	77	0	77	
2008	0	0	0	0	14	3	0	0	0	
2009	0	0	0	0	13	3	0	0	0	
2010	0	0	0	0	12	2	0	0	0	
2011	0	0	0	0	11	2	0	0	0	
2012	0	0	0	0	11	2	0	0	0	
2013	0	0	0	0	12	3	0	0	0	
2014	0	0	0	0	12	3	0	0	0	
2015	0	0	0	0	13	3	0	0	0	
2016	0	0	0	0	14	3	0	0	0	
2017	0	0	0	0	15	3	0	0	0	
2018	0	0	0	0	15	3	0	0	0	
2019	0	0	0	0	16	3	0	0	0	
2020	0	0	0	0	16	3	0	0	0	
2021	0	0	0	0	17	3	0	0	0	
2022	0	0	0	0	17	3	0	0	0	
2023	0	0	0	0	18	3	0	0	0	
2024	0	0	0	0	19	3	0	0	0	
2025	0	0	0	0	19	3	0	0	0	
2026	0	0	0	0	20	3	0	0	0	
2027	1	9	0	10	21	3	112	0	112	
2028	0	0	0	0	21	3	0	0	0	
2029	0	0	0	0	22	3	0	0	0	
2030	0	0	0	0	23	3	0	0	0	
2031	0	0	0	0	23	3	0	0	0	

NOM	1	18	0	19	463	74	189	0	0	189
NPV	1	10	0	10	139	27	90	0	0	90

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED BY WORKBOOK  
 \*\* NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

1  
2  
3  
CALCULATION OF GEN X-FACTOR  
PROGRAM/METHOD SELECTED BY REQ  
PROGRAM NAME [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
REG-YEAR	DEBT	PREFERRED	COMMON	INCOME	PROPERTY	PROPERTY	DEPRECC.	DEPRECC.	TOTAL	PRESENT	CUMULATIVE	REPLACEMENT
RATE BASE	\$(000)	STOCK	EQUITY	TAXES	TAX	INSURANCE	\$(000)	TAXES	FIXED	WORTH	PW FIXED	COST BASIS
\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	CHARGES	FIXED	CHARGES	FOR
YEAR									\$(000)	CHARGES	\$(000)	PROPERTY INSURANCE
												\$(000)
2011	28	1	0	2	1	0	1	(0)	6	6	6	28
2012	27	1	0	2	1	0	1	0	5	5	11	28
2013	26	1	0	2	1	0	1	0	5	4	15	28
2014	24	1	0	2	1	0	1	0	5	4	19	29
2015	23	1	0	1	1	0	1	0	5	3	23	30
2016	22	1	0	1	1	0	1	0	5	3	26	31
2017	20	1	0	1	1	0	1	0	4	3	28	32
2018	19	1	0	1	1	0	1	0	4	2	31	33
2019	18	1	0	1	1	0	1	0	4	2	33	34
2020	17	1	0	1	1	0	1	0	4	2	35	35
2021	16	0	0	1	1	0	1	0	4	2	36	36
2022	14	0	0	1	1	0	1	0	4	1	38	37
2023	13	0	0	1	1	0	1	0	3	1	39	38
2024	12	0	0	1	0	0	1	0	3	1	40	39
2025	11	0	0	1	0	0	1	0	3	1	41	41
2026	10	0	0	1	0	0	1	0	3	1	42	42
2027	8	0	0	1	0	0	1	0	3	1	42	43
2028	7	0	0	0	0	0	1	0	3	1	43	44
2029	6	0	0	0	0	0	1	0	2	1	43	46
2030	5	0	0	0	0	0	1	0	2	0	44	47
2031	4	0	0	0	0	0	1	0	2	0	44	48
2032	3	0	0	0	1	0	1	(0)	2	0	45	50
2033	2	0	0	0	1	0	1	(0)	2	0	45	51
2034	1	0	0	0	1	0	1	(0)	2	0	45	53
2035	1	0	0	0	0	(0)	1	(0)	2	0	45	55

IN SERVICE COST (\$000)	28
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.575
DISCOUNT RATE	8.8%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	49%	6.90 %
P/S	0%	8.00 %
C/S	51%	11.75 %

X-FACTOR = CPWFC / IN-SVC COST = 1.63861



1  
2  
3  
DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	1	1	1	1	1	1	(0)	2	0	0	0	(0)	(1)
2012	7.22%	2	3	1	2	1	2	0	2	0	0	0	0	(0)
2013	6.68%	2	5	1	3	1	3	0	2	0	0	0	0	0
2014	6.18%	2	7	1	4	1	4	0	2	0	0	0	0	0
2015	5.71%	2	8	1	6	1	5	0	2	0	0	0	0	1
2016	5.29%	1	10	1	7	1	6	0	2	0	0	0	0	1
2017	4.89%	1	11	1	8	1	7	0	2	0	0	0	0	1
2018	4.52%	1	13	1	9	1	8	0	2	0	0	0	0	1
2019	4.40%	1	13	1	10	1	9	0	2	0	0	0	0	1
2020	4.40%	1	15	1	11	1	10	0	2	0	0	0	0	1
2021	4.40%	1	16	1	12	1	11	0	2	0	0	0	0	1
2022	4.40%	1	17	1	13	1	12	0	2	0	0	0	0	1
2023	4.40%	1	18	1	14	1	13	0	2	0	0	0	0	1
2024	4.40%	1	19	1	15	1	14	0	2	0	0	0	0	1
2025	4.40%	1	21	1	17	1	15	0	2	0	0	0	0	1
2026	4.40%	1	22	1	18	1	17	0	2	0	0	0	0	1
2027	4.40%	1	23	1	19	1	18	0	2	0	0	0	0	2
2028	4.40%	1	24	1	20	1	19	0	2	0	0	0	0	2
2029	4.40%	1	26	1	21	1	20	0	2	0	0	0	0	2
2030	4.40%	1	27	1	22	1	21	0	2	0	0	0	0	2
2031	2.23%	1	27	1	23	1	22	(0)	2	0	0	0	(0)	2
2032	8.00%	0	27	1	24	1	23	(0)	2	0	0	0	(0)	1
2033	8.00%	0	27	1	25	1	24	(0)	2	0	0	0	(0)	1
2034	0.00%	0	27	1	27	1	25	(0)	2	0	0	0	(0)	0
2035	0.00%	0	27	1	28	1	26	(0)	2	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - USEFUL LIFE	4.00%

Docket No. 090002-EG  
 Exhibit No. \_\_\_\_\_  
 Florida Power & Light Co.  
 (LMIH-1)  
 Schedule CT-6  
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1  
2  
3  
DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REV\_BRO  
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2011	3.75%	1	(0)	27	1	(1)	28	27	28
2012	7.22%	2	0	25	2	(0)	27	26	26
2013	6.68%	2	0	24	3	0	26	24	25
2014	6.18%	2	0	23	4	0	24	23	24
2015	5.71%	2	0	22	6	1	23	22	22
2016	5.25%	1	0	21	7	1	22	20	21
2017	4.82%	1	0	20	8	1	20	19	20
2018	4.52%	1	0	19	9	1	19	18	19
2019	4.46%	1	0	18	10	1	18	17	17
2020	4.46%	1	0	17	11	1	17	16	16
2021	4.46%	1	0	15	12	1	16	14	15
2022	4.46%	1	0	14	13	1	14	13	14
2023	4.46%	1	0	13	14	1	13	12	13
2024	4.46%	1	0	12	15	1	12	11	11
2025	4.46%	1	0	11	17	1	11	10	10
2026	4.46%	1	0	10	18	1	10	8	9
2027	4.46%	1	0	9	19	2	8	7	8
2028	4.46%	1	0	8	20	2	7	6	7
2029	4.46%	1	0	7	21	2	6	5	6
2030	4.46%	1	0	6	22	2	5	4	4
2031	2.23%	1	(0)	4	23	2	4	3	3
2032	0.00%	0	(0)	3	24	1	3	2	2
2033	0.00%	0	(0)	2	25	1	2	1	2
2034	0.00%	0	(0)	1	27	0	1	1	1
2035	0.00%	0	(0)	(0)	28	0	1	0	0

\* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2006	-5	0.00%	1.000	0.00%	0.00	0.00
2007	-4	3.00%	1.030	0.00%	0.00	0.00
2008	-3	3.00%	1.061	17.00%	34.14	47.07
2009	-2	3.00%	1.093	29.00%	336.54	262.41
2010	-1	3.00%	1.126	24.00%	141.00	501.18

12.06691442

100.00% 571.69

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DEBT AFUDC (\$/KW)	(8b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c)* CUMULATIVE CPI (\$/KW)	(9d)* DEFERRED TAXES (\$/KW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2006	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	-3	47.07	1.19	1.19	3.52	3.52	3.25	3.25	(0.79)	(0.79)	97.66	97.66
2009	-2	265.93	6.76	7.95	19.92	23.44	18.33	21.58	(4.46)	(5.26)	356.46	454.12
2010	-1	524.62	13.43	21.38	39.58	63.02	36.07	57.65	(8.73)	(13.99)	188.59	634.71

21.38

63.02

57.65

(13.99)

634.71

121.6013454

IN SERVICE YEAR	2011
PLANT COSTS	522
AFUDC RATE	7.47%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAXBASIS
CONSTRUCTION CASH	25	25	25
EQUITY AFUDC	2		
DEBT AFUDC	1	-1	
CPI			3
TOTAL	28	24	27

\* Column not specified in workbook

1  
2  
3  
INPUT DATA - PART 2  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (¢/kWh)	(5) AVOIDED MARGINAL FUEL COST (¢/kWh)	(6)* INCREASED MARGINAL FUEL COST (¢/kWh)	(7) REPLACEMENT FUEL COST (¢/kWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KW EFFECTIVENESS FACTOR
2006	0	0	7.71	8.61	9.49	8.00	1.00	1.00
2007	1	1	8.70	9.16	9.78	0.00	1.00	1.00
2008	1	1	8.89	9.43	10.28	0.00	1.00	1.00
2009	1	1	6.61	7.19	8.91	0.00	1.00	1.00
2010	1	1	6.31	6.81	8.50	0.00	1.00	1.00
2011	1	1	5.45	5.92	7.76	8.18	1.00	1.00
2012	1	1	5.66	6.19	8.18	7.50	1.00	1.00
2013	1	1	5.63	6.12	8.08	7.91	1.00	1.00
2014	1	1	5.79	6.24	8.08	7.75	1.00	1.00
2015	1	1	6.25	6.74	8.50	8.15	1.00	1.00
2016	1	1	6.84	7.39	9.21	9.34	1.00	1.00
2017	1	1	7.08	7.58	9.73	9.93	1.00	1.00
2018	1	1	7.34	7.84	10.18	10.88	1.00	1.00
2019	1	1	7.62	8.07	10.44	11.62	1.00	1.00
2020	1	1	8.11	8.61	11.37	11.00	1.00	1.00
2021	1	1	8.30	9.01	11.66	11.57	1.00	1.00
2022	1	1	8.58	9.17	11.85	12.59	1.00	1.00
2023	1	1	8.88	9.36	11.82	12.11	1.00	1.00
2024	1	1	9.14	9.61	12.13	12.61	1.00	1.00
2025	1	1	9.50	9.97	12.45	13.23	1.00	1.00
2026	1	1	9.61	10.02	12.08	13.48	1.00	1.00
2027	1	1	9.89	10.30	12.39	14.14	1.00	1.00
2028	1	1	10.09	10.45	12.18	13.64	1.00	1.00
2029	1	1	10.48	10.85	12.75	14.79	1.00	1.00
2030	1	1	10.72	11.04	12.70	14.50	1.00	1.00
2031	1	1	11.06	11.38	13.08	14.97	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.

1  
2  
3

1 AVOIDED GENERATING BENEFITS  
PROGRAM METHOD SELECTED: REV\_RRQ  
PROGRAM NAME [REDACTED] CT

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(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)
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	6	1	0	1	1	7
2012	5	1	0	8	8	7
2013	5	1	0	1	2	7
2014	5	2	0	8	0	7
2015	5	2	0	0	0	6
2016	5	2	0	1	1	6
2017	4	2	0	0	0	6
2018	4	2	0	1	1	6
2019	4	2	0	1	2	6
2020	4	2	0	3	3	6
2021	4	2	0	3	3	6
2022	4	2	0	3	4	5
2023	3	2	0	4	4	5
2024	3	2	0	4	4	5
2025	3	2	0	5	5	5
2026	3	2	0	4	4	5
2027	3	2	0	3	4	5
2028	3	3	0	3	3	5
2029	2	3	0	3	4	5
2030	2	3	0	3	4	4
2031	2	3	0	3	3	5

NBA	79	42	1	35	58	119
NPV	29	12	0	16	16	40

1  
2  
3  
AVOIDED T&D AND PROGRAM FUEL SAVINGS  
PROGRAM METHOD SELECTED: BRV\_REQ  
PROGRAM NAME: [REDACTED]

(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)
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	18	0
2008	1	0	2	0	0	0	22	0
2009	1	0	2	0	0	0	16	0
2010	1	0	2	0	0	0	16	0
2011	1	0	1	0	0	0	14	0
2012	1	0	1	0	0	0	14	0
2013	1	0	1	0	0	0	14	0
2014	1	0	1	0	0	0	14	0
2015	1	0	1	0	0	0	15	0
2016	1	0	1	0	0	0	17	0
2017	1	0	1	0	0	0	17	0
2018	1	0	1	0	0	0	18	0
2019	1	0	1	0	0	0	18	0
2020	1	0	1	0	0	0	20	0
2021	1	0	1	0	0	0	21	0
2022	1	0	1	0	0	0	21	0
2023	1	0	1	0	0	0	21	0
2024	1	0	1	0	0	0	22	0
2025	1	0	1	0	0	0	23	0
2026	1	0	1	0	0	0	23	0
2027	1	0	1	0	0	0	24	0
2028	1	0	1	0	0	0	24	0
2029	1	0	1	0	0	0	25	0
2030	1	0	1	0	0	0	25	0
2031	1	0	1	0	0	0	26	0
NOM.	25	5	29	2	1	3	480	0
NPV	11	2	12	1	0	1	172	0

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

1  
2  
3  
TOTAL RESOURCE COST TEST  
PROGRAM (METHOD SELECTED): REV\_REQ  
PROGRAM NAME: [REDACTED] I

(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)
2006	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	1	77	0	78	0	0	10	0	10	(67)	(67)
2008	0	0	0	0	0	0	2	22	0	23	23	(42)
2009	0	0	0	0	0	0	2	16	0	18	18	(28)
2010	0	0	0	0	0	0	2	16	0	17	17	(15)
2011	0	0	0	0	0	7	2	14	0	22	22	(1)
2012	0	0	0	0	0	7	2	14	0	22	22	13
2013	0	0	0	0	0	7	2	14	0	22	22	25
2014	0	0	0	0	0	7	2	14	0	22	22	36
2015	0	0	0	0	0	6	1	15	0	23	23	47
2016	0	0	0	0	0	6	1	17	0	25	25	58
2017	0	0	0	0	0	6	1	17	0	25	25	68
2018	0	0	0	0	0	6	1	18	0	25	25	77
2019	0	0	0	0	0	6	1	18	0	26	26	85
2020	0	0	0	0	0	6	1	20	0	27	27	94
2021	0	0	0	0	0	6	1	21	0	28	28	101
2022	0	0	0	0	0	5	1	21	0	28	28	108
2023	0	0	0	0	0	5	1	21	0	28	28	115
2024	0	0	0	0	0	5	1	22	0	28	28	121
2025	0	0	0	0	0	5	1	23	0	29	29	127
2026	0	0	0	0	0	5	1	23	0	29	29	132
2027	0	1	112	0	113	5	1	24	0	30	(83)	118
2028	0	0	0	0	0	5	1	24	0	30	30	123
2029	0	0	0	0	0	5	1	25	0	31	31	127
2030	0	0	0	0	0	4	1	25	0	31	31	132
2031	0	0	0	0	0	5	1	26	0	32	32	135

NOM	0	1	189	0	190	119	33	480	0	632	442
NPV	0	1	98	0	99	40	13	172	0	226	135

Discount Rate: 8.82 %  
Benefit/Cost Ratio (Col(11) / Col(6)): 1.50

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Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMPH-1)  
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1 PARTICIPANT COSTS AND BENEFITS  
 2 PROGRAM METHOD SELECTED: REV\_REQ  
 3 PROGRAM NAME: ██████████

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER O&M COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	0	0	0	0	0	0	0	0	0	0
2007	9	0	0	0	18	77	0	0	77	(59)	(54)
2008	17	0	0	0	17	0	0	0	0	17	(40)
2009	15	0	0	0	15	0	0	0	0	15	(28)
2010	15	0	0	0	15	0	0	0	0	15	(17)
2011	14	0	0	0	14	0	0	0	0	14	(9)
2012	14	0	0	0	14	0	0	0	0	14	(0)
2013	14	0	0	0	14	0	0	0	0	14	8
2014	15	0	0	0	15	0	0	0	0	15	15
2015	15	0	0	0	15	0	0	0	0	15	23
2016	17	0	0	0	17	0	0	0	0	17	28
2017	17	0	0	0	17	0	0	0	0	17	36
2018	18	0	0	0	18	0	0	0	0	18	43
2019	19	0	0	0	19	0	0	0	0	19	49
2020	20	0	0	0	20	0	0	0	0	20	55
2021	20	0	0	0	20	0	0	0	0	20	61
2022	21	0	0	0	21	0	0	0	0	21	66
2023	21	0	0	0	21	0	0	0	0	21	72
2024	22	0	0	0	22	0	0	0	0	22	76
2025	23	0	0	0	23	0	0	0	0	23	81
2026	23	0	0	0	23	0	0	0	0	23	85
2027	24	0	0	0	33	112	0	0	112	(79)	72
2028	25	0	0	0	25	0	0	0	0	25	76
2029	25	0	0	0	25	0	0	0	0	25	79
2030	26	0	0	0	26	0	0	0	0	26	83
2031	27	0	0	0	27	0	0	0	0	27	86

NOM	477	0	18	0	495	189	0	0	189	306
NPV	166	0	10	0	176	90	0	0	90	86

In Service of Gas Unit  
 Discount Rate:  
 BaseNet/Cost Ratio (Col(6) / Col(10))

2011  
 8.82 %  
 1.96



**1**  
**2** RATE IMPACT TEST  
**3** PROGRAM METHOD SELECTED: REV\_REQ  
 PROGRAM NAME: XXXXXXXXXX

(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 BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	1	0	9	0	19	10	0	0	10	(9)	(7)	
2008	0	0	0	17	0	17	22	2	0	23	6	(2)	
2009	0	0	0	15	0	15	16	2	0	18	3	0	
2010	0	0	0	15	0	15	16	2	0	17	2	2	
2011	0	0	0	14	0	14	21	2	0	22	9	8	
2012	0	0	0	14	0	14	21	2	0	22	9	13	
2013	0	0	0	14	0	14	21	2	0	22	8	17	
2014	0	0	0	15	0	15	21	2	0	22	8	21	
2015	0	0	0	15	0	15	22	1	0	23	8	25	
2016	0	0	0	17	0	17	23	1	0	25	8	28	
2017	0	0	0	17	0	17	23	1	0	25	7	31	
2018	0	0	0	18	0	18	24	1	0	25	7	34	
2019	0	0	0	19	0	19	24	1	0	26	6	36	
2020	0	0	0	20	0	20	25	1	0	27	7	38	
2021	0	0	0	20	0	20	26	1	0	28	7	40	
2022	0	0	0	21	0	21	26	1	0	28	7	42	
2023	0	0	0	21	0	21	27	1	0	28	7	43	
2024	0	0	0	22	0	22	27	1	0	28	6	45	
2025	0	0	0	23	0	23	28	1	0	29	6	46	
2026	0	0	0	23	0	23	28	1	0	29	6	47	
2027	0	1	0	24	0	24	28	1	0	30	(4)	47	
2028	0	0	0	25	0	25	29	1	0	30	5	47	
2029	0	0	0	25	0	25	30	1	0	31	5	48	
2030	0	0	0	26	0	26	30	1	0	31	5	49	
2031	0	0	0	27	0	27	31	1	0	32	5	49	
NOM.	0	1	18	477	0	496	599	33	0	632	136		
NPV	0	1	10	166	0	176	212	13	0	226	49		

Discount Rate 8.82 %  
 Benefit/Cost Ratio (Col(12) / Col(7)) : 1.28

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Building Envelope Program**

**Program Description:** A program designed to encourage eligible business customers to increase the efficiency of the qualifying portion of their building's envelope, in order to reduce HVAC energy consumption and demand.

**Program Accomplishments for January through December 2008:** During this period total reduction was 10,566 kW. The estimate for the period was 10,354 kW.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$4,168,111 or \$310,566 more than projected. This program is deemed on target with an eight percent variance.

**Program Progress Summary:** Program inception to date, total reduction is 67,850 kW.

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Florida Power & Light Co.  
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### PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Business Water Heating

**Program Description:** A program designed to encourage eligible business customers to install qualifying Heat Recovery Units (HRU) or Heat Pump Water Heater (HPWH) equipment.

**Program Accomplishments for January through December 2008:** During this period total reduction was 56 kW. The estimate for the period was 103 kW.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$40,517 or \$10,108 less than projected due to fewer installations than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 125 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Refrigeration Program**

**Program Description:** A program designed to encourage eligible business customers to install energy-saving equipment to reduce or eliminate the use of electric heating elements needed to prevent condensation on display case doors and to defrost freezer doors.

**Program Accomplishments for January through December 2008:** During this period total Reduction was 433 kW. The estimate for the period was 101 kW.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$41,310 or \$12,562 less than projected due to lower than anticipated payroll costs.

**Program Progress Summary:** Program inception to date, total reduction is 473 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Conservation Research & Development Program

**Program Description:** A program designed to evaluate emerging conservation technologies to determine which are worthy of further evaluation as candidates for program development.

**Program Accomplishments for January through December 2008:** This period included the continuation of technology assessment of products/concepts for potential DSM opportunities. (See supplement for current concepts).

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$372,095 or \$255,046 less than projected due to delay in the completion of several projects primarily due to changes in installation schedules.

**Program Progress Summary:** The attached listing details FPL's activities during this period.

**Supplement to Schedule CT-6**

**Conservation Research & Development (CRD) Activities**

<b>Technology Assessment</b>	<b>Description</b>	<b>Status</b>
AirTap Residential Heat Pump Water Heater	This is a lab test and computer modeling project to estimate the peak hour demand reduction and annual energy savings of a promising new heat pump water heater suitable for residential and small commercial applications.	Data collection is underway on the two sizes of AirTap heat pump water heaters for both indoor and garage conditions. Results are expected during fall 2009.
Efficient Pool Pumps	This is a field test of three different types of energy efficient pool pumps. With new State legislation requiring two-speed motors for pumps of 1 horsepower and higher, it is important to accurately estimate the demand and energy impacts of pool pump options. The study will test two-speed, variable-speed, and solar-powered pool pumps.	Data collection on the old pumps has been completed. Eight pumps have been installed, and timer and solar panel installations began in March 2009.
Hotel/Motel Air Conditioner Occupancy Controls	This is a field test at a 58 room hotel in Sebastian, Florida of the Telkonet A/C occupancy controls. Actual savings data will be collected for ten months in a side-by-side test in order to model peak demand reductions and annual energy savings in the climate of FPL territory.	The occupancy controls are operational and field data collection will continue through September 2009.

**Supplement to Schedule CT-6**

**Conservation Research & Development (CRD) Activities**

<b>Technology Assessment</b>	<b>Description</b>	<b>Status</b>
End Use Technology Research EPRI Collaborative	This is a collaborative research project which explores the latest energy efficiency measures which have high potential for residential and commercial markets. FPL is one of several partners selecting the projects, providing input, and reviewing results.	The steering committee met for one week in February to discuss priorities and choose the 2009 projects.
Two-Story Home Study	FSEC is performing this field study of 36 two-story homes for FPL and DOE. The purpose is to identify and measure the potential for insulating empty spaces between floors from hot or cold air in the attic or garage.	A number of homes have already been tested and more sites are being recruited to reach the quota of thirty-six homes.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title: Green Power Pricing Program (Terminated: July 29, 2008)**

**Program Description:** Under this program, FPL provided residential and business customers interested in promoting renewable energy the option to purchase tradable renewable energy credits and support the development of renewable resources. This was a voluntary program.

**Program Accomplishments for the period January through December 2008:** As of July 2008, when the program was terminated, there were 37,853 enrollments.

**Program Fiscal Expenditures for January through December 2008:** Total expenditures (net of revenues) were (\$14,100). This amount is in compliance with Docket No. 070626-EI, Order No. PSC-08-0833-PAA-EI, issued December 23, 2008.

**Program Progress Summary:** Per Docket No. 070626-EI, Order No. PSC-08-0600-PAA-EI, issued September 16, 2008, this program was terminated effective July 29, 2008.



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Common Expenses

**Program Description:** Expenses common to all programs.

**Program Accomplishments:** N/A

**Program Fiscal Expenditures for January through December 2008:** Total expenditures were \$13,622,326 or \$1,091,275 less than projected. Deemed on target with a seven percent variance.

**Program Progress Summary:** N/A


**APPENDIX A**  
**PAGES 1A - 2C**

Docket No. 090002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMH-1)  
Appendix A  
Page 1A

**Savings Quoted: "providing up to 30% more energy efficiency"**

The BuildSmart Program defines two methods through which a homebuilder may comply in order to receive home certification. Under the Prescriptive method, a home must include the prescriptive energy efficiency measures as defined in the Program Standards. Under the Flexible method, a home must achieve an energy performance improvement of at least 20% (e-ratio of .80 or lower) above the applicable baseline home, calculated using the energy rating tool (EnergyGauge®) required by the Florida Energy Efficiency Code for Building Construction. Attached is an example of a home that achieved an energy performance improvement of 30%, as indicated by the e-ratio of .70, pages 1D-1E.

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## Coral Lakes Community Grand Opening

Featuring FPL BuildSmart® Certified Homes

Join us for the Grand Opening of the **Coral Lakes** Community this Saturday and Sunday, Jan 19 and 20th between 11 a.m. and 5 p.m.



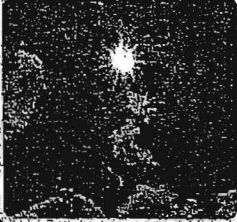
Today's home buyers demand energy efficiency, and you can have this key feature built in your home at **Coral Lakes** in Miami! Coral Lakes homes are FPL **BuildSmart** certified, providing up to 30% more energy efficiency.

In addition, an FPL **BuildSmart** representative will be on hand to discuss the benefits of building energy efficiency features into your new home and other energy-savings ideas that will help you save money month after month, year after year.

<b>Coral Lakes Model Center</b> 14772 SW 28th St. (Coral Way) Miami, FL 33196	<b>Saturday and Sunday</b> January 19th and 20th 11 a.m. - 5 p.m.
---	---

**Directions**  
Take the Palmetto South, get off at the Coral Way exit. Make a right heading west to SW 147th Avenue. The model center is on your right.

For more information, please call (305) 255-5582 or visit [www.monacodevelopers.com](http://www.monacodevelopers.com)



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**BuildSmart**  
FEATURED BUILDER




**WIN AN ENERGY EFFICIENCY BASKET!**

Print out this email and give it to an FPL BuildSmart representative at the event for a chance to win an energy efficiency basket!

%%Member\_Busname%% %%Member\_Addr%% %%Member\_City%%, %%Member\_State%% %%Member\_PostalCode%%, %%Member\_Country%%  
[www.fpl.com](http://www.fpl.com)

To view this email as a web page, [click here](#).  
Please add [FPL\\_Account\\_Management@reply.fpl.com](mailto:FPL_Account_Management@reply.fpl.com) to your address book to ensure our emails reach your inbox.  
[Click here](#) for instructions.



## New Models Unveiling at Waterway Village

Featuring FPL BuildSmart® Certified Homes

In Waterway Village in Vero Beach, every home is FPL BuildSmart® certified. Owners experience greater comfort and cleaner indoor air with high-performance cooling, heating systems and sealed air ducts, along with energy savings up to 30%.

These homes were masterfully crafted by **Divosta Homes**, who have been chosen five years in a row as a leader in Customer Satisfaction.


In addition to energy efficiency, homebuyers are flocking to Waterway Village to live near the nation's most coveted species: the Bald Eagle.

On Saturday, January 26, Waterway Village will be unveiling their new models. **BuildSmart** representatives will provide visitors with energy efficiency information.

<b>Waterway Village</b> 5433 Barbados Square Vero Beach, FL 32967	<b>Saturday, January 26</b> 11 a.m. - 3 p.m. <a href="http://www.divosta.com">www.divosta.com</a>
---	---

**WIN AN ENERGY EFFICIENCY BASKET!**  
Print out this email and give it to an FPL BuildSmart representative at the event for a chance to win an energy efficiency basket.

**Directions**  
Take I-95 to Exit 147 (SR 60) and head east four miles to 58th Avenue. Make a left, travel three miles, and make a right after 49th Street. For more information, please call (772) 567-4091.



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[www.fpl.com](http://www.fpl.com)

FORM 600A-2004R Tested sealed ducts must be certified in this house.

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
 Residential Whole Building Performance Method A

Project Name:	desoto b	Builder:	gibraltar
Address:	desoto legends bay	Permitting Office:	
City, State:	bradenton, fl 34210-	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	Central		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 48.0 kBtu/hr SEER: 14.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	No	13. Heating systems	
6. Conditioned floor area (ft <sup>2</sup> )	2488 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 48.0 kBtu/hr HSPF: 7.80
7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor:	Description Area	c. N/A	
(or Single or Double DEFAULT) 7a.(Single Default) 383.5 ft <sup>2</sup>		14. Hot water systems	
b. SHGC:		a. Natural Gas	Cap: 75.0 gallons EF: 0.58
(or Clear or Tint DEFAULT) 7b.(SHGC=0.56) 383.5 ft <sup>2</sup>		b. N/A	
8. Floor types		c. Conservation credits	
a. Slab-On-Grade Edge Insulation	R=0.0, 240.3(p) ft	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
9. Wall types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Concrete, Int Insul, Exterior	R=15.0, 1856.0 ft <sup>2</sup>	HF-Whole house fan,	
b. Frame, Wood, Adjacent	R=11.0, 230.6 ft <sup>2</sup>	PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
d. N/A		MZ-H-Multizone heating)	
e. N/A			
10. Ceiling types			
a. Under Attic	R=20.0, 2695.0 ft <sup>2</sup>		
b. N/A			
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft		
b. N/A			

Glass/Floor Area: 0.15      Total as-built points: 19471      **PASS**  
 Total base points: 27922

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.  
**PREPARED BY:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_  
 I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.  
**OWNER/AGENT:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.  
**BUILDING OFFICIAL:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_



<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.  
 EnergyGauge® (Version: FLRCPB v4.5)

## Summary Energy Code Results

### Residential Whole Building Performance Method A

desoto legends bay  
bradenton, fl 34210-

Project Title:  
desoto b

Code Only  
Professional Version  
Climate: Central

1/18/2008

<b>Building Loads</b>			
<b>Base</b>		<b>As-Built</b>	
Summer:	<b>48048 points</b>	Summer:	<b>47203 points</b>
Winter:	<b>8892 points</b>	Winter:	<b>10719 points</b>
Hot Water:	<b>6790 points</b>	Hot Water:	<b>6790 points</b>
Total:	<b>63730 points</b>	Total:	<b>64711 points</b>

<b>Energy Use</b>			
<b>Base</b>		<b>As-Built</b>	
Cooling:	<b>15616 points</b>	Cooling:	<b>10347 points</b>
Heating:	<b>4926 points</b>	Heating:	<b>4315 points</b>
Hot Water:	<b>7380 points</b>	Hot Water:	<b>4808 points</b>
Total:	<b>27922 points</b>	Total:	<b>19471 points</b>

**PASS**  
e-Ratio: 0.70

Docket No. 090002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMH-1)  
Appendix A  
Page 2A

**Savings Quoted: "Replacing an older system with a more energy efficient one can save the average household \$400 per year in cooling costs"**

Annual cooling costs to run a 3-ton (36,000 BTU/Hour) a/c system, produced in the 1990's, with a 10 SEER will be \$1,210. If replaced with a new 15 SEER system, the cost drops to \$810 which represents a savings of \$400 per year, see page 2C. These costs are based on 2,800 annual cooling hours and 12 cents per kWh (average for South Florida).



# FPL can help you save money when you need to replace your old A/C system



**FPL®**

## *Benefits to You*

If your old A/C system isn't working as well as it should, FPL can help you. Replacing an older system with a more energy-efficient one can save the average household \$400 per year in cooling costs.

- FPL Rebates from \$125 - \$1,930 available for replacing your old A/C system with a new energy-efficient system

- Rebates are only available through FPL Participating Independent Contractors

To find an FPL Participating Independent Contractor call or visit us on our website.

## *For a customer to qualify for the rebate, they must:*

- Choose an FPL Participating Independent Contractor
- Replace the entire A/C system

The rebate is applied to the contractor invoice, so you don't have to send in any rebate forms. Rebate savings are immediate!

**1-800-DIAL-FPL**  
**(1-800-342-5375)**

**[www.fpl.com/guide](http://www.fpl.com/guide)**

\* Annual savings based upon replacing a 3 Ton 10 SEER system with a 3 Ton 15 SEER system

\*\*Rebate amounts are subject to change without prior notice. For specific rebate information contact an FPL representative or an FPL Participating Independent Contractor

# Annual Cooling Cost Comparison

Size or cooling capacity in:

Cooling Efficiency in SEER (Years produced)

A/C System (tons)	BTU/Hour	9 (1980's)	10 (1990's)	11	12	13	14	15	16	17	18	19	20
2	24,000	\$900	\$810	\$730	\$670	\$620	\$580	\$540	\$500	\$470	\$450	\$420	\$400
2.5	30,000	\$1,120	\$1,010	\$920	\$840	\$780	\$720	\$670	\$630	\$590	\$560	\$530	\$500
3	36,000	\$1,340	\$1,210	\$1,100	\$1,010	\$930	\$860	\$810	\$760	\$710	\$670	\$640	\$600
3.5	42,000	\$1,570	\$1,410	\$1,280	\$1,180	\$1,090	\$1,010	\$940	\$880	\$830	\$780	\$740	\$710
4	48,000	\$1,790	\$1,610	\$1,470	\$1,340	\$1,240	\$1,150	\$1,080	\$1,010	\$950	\$900	\$850	\$810
4.5	54,000	\$2,020	\$1,810	\$1,650	\$1,510	\$1,400	\$1,300	\$1,210	\$1,130	\$1,070	\$1,010	\$950	\$910
5	60,000	\$2,240	\$2,020	\$1,830	\$1,680	\$1,550	\$1,440	\$1,340	\$1,260	\$1,190	\$1,120	\$1,060	\$1,010

Example: Annual cooling cost to run a 3-ton (36,000 BTU/Hour) produced in the 1990s with a 10 SEER will be \$1,210.

If replaced with a new 15 SEER system, the cost drops to \$810 - a savings of \$400 per year.

Costs based on 2,800 annual cooling hours and 12 cents per kWh (average for South Florida)



POWERING TODAY. EMPOWERING TOMORROW.®