

**BEFORE THE FLORIDA
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 110002-EG
FLORIDA POWER & LIGHT COMPANY**

MAY 3, 2011

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

JANUARY 2010 THROUGH DECEMBER 2010

TESTIMONY & EXHIBITS OF:

**A. SHARMA
T.J. KEITH**

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APA 1
ECR 6
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF ANITA SHARMA

DOCKET NO. 110002-EG

May 3, 2011

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

2 A. My name is Anita Sharma and my business address is 9250 West Flagler Street,
3 Miami, Florida 33174. I am employed by Florida Power and Light Company
4 (“FPL” or “the Company”) as Manager of Cost & Performance for Demand Side
5 Management (“DSM”) Programs.

6 **Q. Have you previously testified in this Docket?**

7 A. Yes, I have.

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

9 A. The purpose of my testimony is to present the actual ECCR related revenues and
10 costs associated with FPL’s energy conservation programs for the period January
11 through December 2010.

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

14 A. Yes. I am sponsoring Schedules CT-5, CT-6 and Appendix A as identified in the
15 Table of Contents of Exhibit AS-1, and co-sponsoring Schedules CT-2 and CT-3.
16 Appendix A represents documentation required by Rule 25-17.015(5), Florida

1 Administrative Code, regarding specific claims of energy savings in
2 advertisements.

3 **Q. For the January through December 2010 period, did FPL seek recovery of any**
4 **costs for advertising which makes a specific claim of potential energy savings**
5 **or states appliance efficiency ratings or savings?**

6 A. Yes. A copy of the advertising, data sources and calculations used to substantiate
7 the savings are included in Appendix A, Pages 1A – 1D.

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

10 A. Yes.

11 **Q. How did FPL's actual program expenditures for the January through**
12 **December 2010 period compare to the actual/estimated presented in Docket**
13 **No. 100002-EG, and approved in Order No. PSC-11-0076-FOF-EG?**

14 A. Actual total program costs for the January through December 2010 period were
15 \$216,568,332. The estimated total program costs were \$223,323,314, which
16 represents a period variance of \$6,754,982 less than estimated (CT-2, Page 1 of 4,
17 Line 13). Each program's contribution to the variance is shown on Schedule CT-2,
18 Page 3 and explained in Program Description and Progress Report Schedule CT-6.

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

20 A. Yes.

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **FLORIDA POWER & LIGHT COMPANY**

3 **TESTIMONY OF TERRY J. KEITH**

4 **DOCKET NO. 110002-EG**

5 **MAY 3, 2011**

6
7 **Q. Please state your name, business address, employer and position.**

8 A. My name is Terry J. Keith and my business address is 9250 West Flagler Street,
9 Miami, Florida, 33174. I am employed by Florida Power & Light Company
10 ("FPL" or "the Company") as Director, Cost Recovery Clauses, in the Regulatory
11 Affairs Department.

12 **Q. Have you previously testified in this or predecessor dockets?**

13 A. Yes, I have.

14 **Q. What is the purpose of your testimony in this proceeding?**

15 A. The purpose of my testimony is to present for Commission review and approval
16 the schedules supporting the calculation of the actual Energy Conservation Cost
17 Recovery ("ECCR") Clause Net True-up amounts for the period January 2010
18 through December 2010.

19 **Q. Have you prepared or caused to be prepared under your direction,
20 supervision or control an exhibit in this proceeding?**

21 A. Yes, I am sponsoring Schedules CT-1 and CT-4, and co-sponsoring Schedules
22 CT-2 and CT-3 in Exhibit AS-1. The specific sections of Schedules CT-2 and CT-

1 3 that I am co-sponsoring are identified in the Table of Contents, which is found
2 on Exhibit AS-1, Page 1 of 1.

3 **Q. What is the source of the data used in calculating the actual True-up amount**
4 **for the January 2010 through December 2010 period?**

5 A. Unless otherwise indicated, the data used in calculating the actual True-up amount
6 were taken from the books and records of FPL. The books and records are kept in
7 the regular course of the Company's business in accordance with generally accepted
8 accounting principles and practices, and in accordance with the applicable
9 provisions of the Uniform System of Accounts as prescribed by this Commission
10 and directed in Rule 25-17.015, Florida Administrative Code. Schedule CT-2, Page
11 4, provides a complete list of all account numbers used for ECCR during the period
12 January 2010 through December 2010.

13 **Q. What is the actual End of Period True-up amount that FPL is requesting the**
14 **Commission to approve for the January 2010 through December 2010 period?**

15 A. FPL has calculated and is requesting approval of an under-recovery of \$38,590,879,
16 including interest, as the actual End of Period True-up amount for the period January
17 2010 through December 2010. The calculation of this \$38,590,879 under-recovery is
18 shown on Exhibit AS-1, Schedule CT-3, Page 2 of 3, Line 7 plus Line 8.

19 **Q. What is the Net True-up amount for the January 2010 through December 2010**
20 **period that FPL is requesting to be carried over and included in the January**
21 **2012 through December 2012 ECCR factor?**

1 A. FPL has calculated and is requesting approval of an over-recovery of \$9,183,523 as
2 the Net True-up amount for the period January 2010 through December 2010. This
3 Net True-up over-recovery of \$9,183,523 is the difference between the actual End of
4 Period True-up under-recovery of \$38,590,879 and the Actual/Estimated True-up
5 under-recovery of \$47,774,401 approved by the Commission in Order No. PSC-11-
6 0076-FOF-EG, issued January 28, 2011. The calculation of the \$9,183,523 over-
7 recovery is shown on Exhibit AS-1, Schedule CT-1, Page 1 of 1.

8 **Q. Was the calculation of the Net True-up amount for the period January 2010**
9 **through December 2010 performed consistently with the prior True-up**
10 **calculations in this and the predecessor ECCR dockets?**

11 A. Yes. FPL's Net True-up was calculated consistent with the methodology set forth
12 in Schedule 1, Page 2 of 2, attached to Order No. 10093, dated June 19, 1981.

13 **Q. Have you provided a schedule showing the variances between actual and**
14 **actual/estimated program costs and revenues for the period January 2010**
15 **through December 2010?**

16 A. Yes. Exhibit AS-1, Schedule CT-2, Page 1 of 4 compares the actual to the
17 actual/estimated program costs and revenues resulting in the variance of
18 \$9,183,523.

19 **Q. Please explain the calculation of the \$9,183,523 variance.**

20 A. The difference between actual and actual/estimated total adjusted program costs
21 of \$6,754,982 (CT-2, Page 1 of 4, Line 13) minus the difference between the
22 actual and actual/estimated ECCR revenues, net of revenue taxes, of \$2,400,503

1 (CT-2, Page 1 of 4, Line 14) results in a variance of \$9,155,485 (CT-2, Page 1 of
2 4, Line 17). This \$9,155,485 over-recovery, plus the variance of \$28,039 in
3 interest provision (CT-2, Page 1 of 1, Line 18), results in a total net over-recovery
4 variance of \$9,183,523 (CT-2, Page 1 of 4, Line 22).

5 **Q. Does this conclude your testimony?**

6 **A. Yes.**

<u>Schedule</u>	<u>Sponsored By</u>
CT-1, Page 1 of 1	Terry J. Keith
CT-2, Page 1 of 4, Lines 1 -13	Anita Sharma
CT-2, Page 1 of 4, Lines 14 - 22	Terry J. Keith
CT-2, Pages 2 - 4 of 4	Anita Sharma
CT-3, Page 1 of 3	Anita Sharma
CT-3, Pages 2 - 3 of 3	Terry J. Keith
CT-4, Pages 1 - 2 of 2	Terry J. Keith
CT-5, Page 1 of 1	Anita Sharma
CT-6, Pages 1 - 91	Anita Sharma
Appendix A	Anita Sharma

Energy Conservation Cost Recovery
Final True-Up for the Period
January through December 2010

1. Actual End of Period True-Up (CT-3, Page 2 of 3, Lines 7 and 8)		
2. Principal	\$ (38,523,505)	
3. Interest	<u>\$ (67,373)</u>	<u>\$ (38,590,879)</u>
4. Less Actual/Estimated True-Up approved per Order No. PSC-11-0076-FOF-EG issued January 28, 2011		
5. Principal	\$ (47,678,990)	
6. Interest	<u>\$ (95,412)</u>	<u>\$ (47,774,401)</u>
7. Final Net True-Up to be carried over to the January 2012 through December 2012 period		<u><u>\$ 9,183,523</u></u>

() Reflects Underrecovery

Totals may not add due to rounding.

**Energy Conservation Cost Recovery
 Analysis of Program Costs
 Actual vs Actual/Estimated for the Period
 January through December 2010**

	Actual	Actual/Estimated (a)	Difference
1. Depreciation & Return	\$ 8,499,879	\$ 8,626,002	\$ (126,123)
2. Payroll & Benefits	25,033,899	27,305,037	(2,271,138)
3. Materials & Supplies	406,006	101,271	304,735
4. Outside Services	5,963,783	7,904,680	(1,940,897)
5. Advertising	7,875,438	8,778,811	(903,373)
6. Incentives	166,752,711	166,873,815	(121,104)
7. Vehicles	1,076,540	1,629,399	(552,859)
8. Other	2,405,431	3,686,158	(1,280,727)
9. Subtotal Program Costs	\$ 218,013,687	\$ 224,905,173	\$ (6,891,486)
10. Program Revenues	-	-	-
11. Subtotal Program Costs	218,013,687	224,905,173	\$ (6,891,486)
12. Amounts included in Base Rates	(1,445,356)	(1,581,861)	\$ 136,505
13. Total Adjusted Program Costs	\$ 216,568,332	\$ 223,323,314	\$ (6,754,982)
14. ECCR Revenues (Net of Revenue Taxes)	186,996,409	184,595,906	2,400,503
15. Prior Period True-Up (Collected)/Refunded this Period	(8,951,582)	(8,951,582)	-
16. Revenues Applicable to the Period	178,044,827	175,644,324	2,400,503
17. True-Up Provision (Under)/Over Recovery - Current Period (Line 16 - Line 13)	(38,523,505)	(47,678,990)	9,155,485
18. Interest Provision (Under)/Over Recovery - Current Period	(67,373)	(95,412)	28,039
19. True-Up and Interest Provision (Under)/Over Recovery - Beginning of Period	(8,951,582)	(8,951,582)	-
20. Deferred True-Up from Prior Period (Jan-Dec 2009)	(5,558,900)	(5,558,900)	-
21. Prior Period True-Up (Collected)/Refunded this Period	8,951,582	8,951,582	-
22. End of Period True-Up Amount (Under)/Over Recovery	\$ (44,149,780)	\$ (53,333,303)	\$ 9,183,523

(a) Approved in Order No. PSC-11-0076-FOF-EG, issued on January 28, 2011

Totals may not add due to rounding

Florida Power & Light Company
CONSERVATION PROGRAM COSTS
 January through December 2010

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
1. Residential Home Energy Survey		\$ 4,347,718	\$ 59,601	\$ 1,001,228	\$ 7,573,760		\$ 375,156	\$ 247,413	\$ 13,604,876		\$ 13,604,876
2. Residential Building Envelope		330,890	588	139,985		5,572,476	10,700	13,184	6,067,823		6,067,823
3. Residential Load Management ("On Call")	7,377,808	1,557,103	286,563	1,309,625		46,521,338	47,483	540,072	57,639,992		57,639,992
4. Duct System Testing & Repair		887,291	6,683	2,332		1,086,897	42,494	(231,565)	1,794,132		1,794,132
5. Residential Air Conditioning		1,325,506	556	64,905	37,260	63,858,385	57,799	109,483	65,453,894		65,453,894
6. Residential New Construction (BuildSmart®)		446,727	261	157,363		21,225	30,493	38,793	694,862		694,862
7. Low-Income Weatherization		28,385				74,735	1,884	9,704	114,708		114,708
8. Business On Call	421,143	176,508	2	(3,242)		3,051,799	6,614	24,816	3,677,640		3,677,640
9. Cogeneration & Small Power Production		564,142		2,661			691	(42,834)	524,660		524,660
10. Business Efficient Lighting		79,760	17	6,536	3,375	394,130	3,120	3,509	490,447		490,447
11. Commercial/Industrial Load Control		385,295	247	718		25,947,816	10,398	61,948	26,406,422		26,406,422
12. C/I Demand Reduction		169,173	21	933		9,203,742	9,165	73,909	9,456,943		9,456,943
13. Business Energy Evaluation		2,405,257	1,513	815,116	184,045		128,997	172,087	3,707,015		3,707,015
14. Business Heating, Ventilating & A/C		873,649	70	39,309	17,824	4,703,236	65,629	56,194	5,755,911		5,755,911
15. Business Custom Incentive		44,930				728,498	977	384	774,789		774,789
16. Business Building Envelope		257,073	22	9,929	59,174	5,572,918	9,668	12,027	5,920,811		5,920,811
17. Business Water Heating		8,012				12,500	587	296	21,395		21,395
18. Business Refrigeration		17,278	4			3,016	760	426	21,484		21,484
19. Conservation Research & Development		36,985		520,715				181	557,881		557,881
20. Common Expenses	700,928	11,092,217	49,858	1,895,670			273,925	1,315,404	15,328,002		15,328,002
21. Total All Programs	\$ 8,499,879	\$ 25,033,899	\$ 406,006	\$ 5,963,783	\$ 7,875,438	\$ 166,752,711	\$ 1,076,540	\$ 2,405,431	\$ 218,013,687		\$ 218,013,687
22. LESS: Included in Base Rates		(1,445,356)							(1,445,356)		(1,445,356)
23. Recoverable Conservation Expenses	\$ 8,499,879	\$ 23,588,543	\$ 406,006	\$ 5,963,783	\$ 7,875,438	\$ 166,752,711	\$ 1,076,540	\$ 2,405,431	\$ 216,568,332		\$ 216,568,332
Totals may not add due to rounding											

Florida Power & Light Company
CONSERVATION PROGRAM VARIANCE
January through December 2010

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
1. Residential Home Energy Survey	\$ (355)	\$ (173,909)	\$ 15,833	\$ (699,948)	\$ 535,827		\$ (38,309)	\$ (132,342)	\$ (493,203)		\$ (493,203)
2. Residential Building Envelope		(33,428)	580	(22,514)		494,526	(11,489)	(27,574)	400,081		400,081
3. Residential Load Management ("On Call")	(41,225)	(319,300)	256,256	(22,286)		(422,131)	(27,713)	(823,684)	(1,400,083)		(1,400,083)
4. Duct System Testing & Repair		75,089	4,356	(16,543)		81,325	(20,434)	(142,321)	(18,528)		(18,528)
5. Residential Air Conditioning		91,691	486	(382,375)	17,604	915,335	(86,768)	(42,673)	513,300		513,300
6. Residential New Construction (BuildSmart®)		(12,738)		(79,831)		4,779	2,594	940	(84,256)		(84,256)
7. Low-Income Weatherization		(11,797)		(120)		(8,465)	(602)	5,165	(15,819)		(15,819)
8. Business On Call	(2,354)	(19,709)	(498)	(185,597)		(87,818)	(8,367)	(6,776)	(311,119)		(311,119)
9. Cogeneration & Small Power Production		(6,461)		(33)		-	596	(20,246)	(26,144)		(26,144)
10. Business Efficient Lighting		(2,758)	17	(7,453)		(132,819)	(2,908)	(10,325)	(156,246)		(156,246)
11. Commercial/Industrial Load Control		(31,322)	(288)	(644)		(669,769)	(7,028)	(28,968)	(738,019)		(738,019)
12. C/I Demand Reduction		(23,892)	(139)	(105)		609,623	(3,459)	(51,266)	530,762		530,762
13. Business Energy Evaluation		(317,037)	(1,202)	(34,214)	(1,468,849)	-	(96,714)	(110,461)	(2,028,477)		(2,028,477)
14. Business Heating, Ventilating & A/C		(270,057)	70	(29,054)	17,824	(955,647)	(42,028)	(23,606)	(1,302,498)		(1,302,498)
15. Business Custom Incentive		1,047		(3,200)		167,684	(569)	(633)	164,329		164,329
16. Business Building Envelope		(14,825)	22	(48,409)	(5,727)	(84,993)	(6,203)	(14,929)	(175,064)		(175,064)
17. Business Water Heating		(5,314)		(3,221)		(14,600)	(277)	(2,367)	(25,779)		(25,779)
18. Business Refrigeration		276	4	(3,205)		(18,134)	(144)	(2,942)	(24,145)		(24,145)
19. Conservation Research & Development		176		19,664				(109)	19,731		19,731
20. Common Expenses	(82,188)	(1,196,870)	29,258	(421,809)	(52)		(203,038)	154,391	(1,720,308)		(1,720,308)
21. Total All Programs - Variance	(126,123)	(2,271,138)	304,735	(1,940,897)	(903,373)	(121,104)	(552,859)	(1,280,727)	(6,891,486)		\$ (6,891,486)
22. LESS: Included in Base Rates		136,505							136,505		\$ 136,505
23. Recoverable Conservation Variance	\$ (126,123)	\$ (2,134,633)	\$ 304,735	\$ (1,940,897)	\$ (903,373)	\$ (121,104)	\$ (552,859)	\$ (1,280,727)	\$ (6,754,982)		\$ (6,754,982)
Totals may not add due to rounding											

Conservation Account Numbers
For the Period: January through December 2010

Pgm. No.	ACCOUNT NO.	PROGRAM TITLE
1	908.620	RESIDENTIAL HOME ENERGY SURVEY
	909.101	RESIDENTIAL HOME ENERGY SURVEY
2	908.600	RESIDENTIAL BUILDING ENVELOPE
	909.600	RESIDENTIAL BUILDING ENVELOPE
3	440.300	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
	587.200	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
	592.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
	598.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
	908.500	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
	908.540	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
	909.106	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	908.710	DUCT SYSTEM TESTING & REPAIR
	909.710	DUCT SYSTEM TESTING & REPAIR
5	908.410	RESIDENTIAL AIR CONDITIONING
	909.410	RESIDENTIAL AIR CONDITIONING
6	908.770	RESIDENTIAL NEW CONSTRUCTION (BuildSmart®)
	909.770	RESIDENTIAL NEW CONSTRUCTION (BuildSmart®)
7	908.800	LOW INCOME WEATHERIZATION
8	442.190	BUSINESS ON CALL
	442.290	BUSINESS ON CALL
	587.250	BUSINESS ON CALL
	598.140	BUSINESS ON CALL
	908.580	BUSINESS ON CALL
	909.580	BUSINESS ON CALL
9	908.350	COGENERATION & SMALL POWER PRODUCTION
10	908.170	BUSINESS EFFICIENT LIGHTING
	909.170	BUSINESS EFFICIENT LIGHTING
11	442.300	COMMERCIAL/INDUSTRIAL LOAD CONTROL
	908.550	COMMERCIAL/INDUSTRIAL LOAD CONTROL
12	442.340	CA DEMAND REDUCTION
	908.490	CA DEMAND REDUCTION
13	908.400	BUSINESS ENERGY EVALUATION
	908.430	BUSINESS ENERGY EVALUATION
	909.450	BUSINESS ENERGY EVALUATION
14	908.150	BUSINESS HEATING, VENTILATING & A/C
	908.420	BUSINESS HEATING, VENTILATING & A/C
	908.440	BUSINESS HEATING, VENTILATING & A/C
	908.590	BUSINESS HEATING, VENTILATING & A/C
	908.860	BUSINESS HEATING, VENTILATING & A/C
	909.150	BUSINESS HEATING, VENTILATING & A/C
	909.420	BUSINESS HEATING, VENTILATING & A/C
	909.440	BUSINESS HEATING, VENTILATING & A/C
909.590	BUSINESS HEATING, VENTILATING & A/C	
15	908.190	BUSINESS CUSTOM INCENTIVE
19	908.300	BUSINESS BUILDING ENVELOPE
	909.310	BUSINESS BUILDING ENVELOPE
17	908.870	BUSINESS WATER HEATING
	909.620	BUSINESS WATER HEATING
18	908.880	BUSINESS REFRIGERATION
	909.610	BUSINESS REFRIGERATION
19	910.499	CONSERVATION RESEARCH & DEVELOPMENT
20	907.100	COMMON EXPENSES
	908.130	COMMON EXPENSES
	908.450	COMMON EXPENSES
	908.460	COMMON EXPENSES
	910.100	COMMON EXPENSES
	910.105	COMMON EXPENSES
	926.211	PENSION & WELFARE BENEFITS
	926.230	PENSION & WELFARE Clause Adjustment

Florida Power & Light Company
CONSERVATION PROGRAM COSTS
January through December 2010

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	Total For Period
1. Residential Home Energy Survey	\$ 467,270	\$ 417,185	\$ 479,451	\$ 679,657	\$ 760,310	\$ 2,214,737	\$ 1,653,848	\$ 1,817,832	\$ 1,431,266	\$ 2,625,718	\$ 554,379	\$ 503,225	\$ 13,604,876
2. Residential Building Envelope	335,538	405,728	399,019	439,405	542,657	514,207	347,485	805,885	761,033	602,909	425,142	488,916	6,067,823
3. Residential Load Management ("On Call")	3,638,266	3,542,175	3,729,784	5,219,935	5,506,290	5,556,794	5,754,822	5,893,127	5,718,901	5,655,245	3,670,846	3,754,027	57,639,992
4. Duct System Testing & Repair	70,843	73,741	144,839	209,703	268,348	184,891	180,341	167,890	111,330	118,390	126,742	137,074	1,794,132
5. Residential Air Conditioning	4,631,481	4,974,117	4,303,433	4,857,675	3,958,142	4,411,344	5,623,143	5,682,991	6,383,425	8,625,308	6,480,030	5,522,805	65,453,694
6. Residential New Construction (BuildSmart®)	75,132	50,689	63,188	52,802	48,984	56,100	42,914	45,873	46,294	64,449	89,035	59,402	694,862
7. Low-Income Weatherization	4,148	10,007	10,719	10,315	11,506	12,113	5,907	16,566	12,047	5,510	12,300	3,573	114,708
8. Business On Call	58,417	82,002	94,226	475,371	498,086	512,305	502,937	502,725	503,651	502,404	111,711	(166,194)	3,677,640
9. Cogeneration & Small Power Production	42,452	37,450	42,490	48,484	42,476	40,477	46,654	40,670	48,488	42,725	45,033	47,282	524,660
10. Business Efficient Lighting	23,241	38,171	61,732	39,273	49,004	26,747	21,853	24,235	20,803	14,702	43,767	127,120	490,447
11. Commercial/Industrial Load Control	2,082,865	1,891,860	1,633,081	1,610,650	1,874,343	3,994,953	1,892,226	2,342,050	2,299,939	2,243,906	2,093,789	2,446,780	26,406,422
12. C/I Demand Reduction	639,420	619,738	631,820	724,350	814,627	938,905	928,139	935,515	916,643	860,977	771,273	675,535	9,456,943
13. Business Energy Evaluation	260,961	240,545	198,211	342,171	310,205	340,824	257,451	276,966	315,424	292,618	435,701	435,938	3,707,015
14. Business Heating, Ventilating & A/C	1,255,068	371,374	148,041	109,883	916,231	439,517	594,723	131,588	628,521	807,057	172,081	181,806	5,755,911
15. Business Custom Incentive	3,621	14,095	3,511	4,063	4,225	3,739	14,229	56,293	3,823	3,506	86,205	577,480	774,789
16. Business Building Envelope	687,343	522,986	494,251	426,904	549,216	542,713	308,930	703,534	616,893	483,833	392,837	191,370	6,920,811
17. Business Water Heating	2,357	2,329	1,009	3,067	3,965	479	863	746	696	3,602	198	2,084	21,395
18. Business Refrigeration	911	890	672	1,664	1,510	2,305	2,080	2,715	4,590	1,849	903	1,385	21,484
19. Conservation Research & Development	(31,377)	43,654	31,421	17,519	33,715	26,162	269,046	3,025	12,858	74,083	12,505	65,268	557,881
20. Common Expenses	1,165,556	1,047,412	2,094,441	1,376,685	1,087,279	1,218,105	1,119,207	1,231,315	1,201,480	1,192,934	1,175,726	1,417,862	15,328,002
21. Total All Programs	\$ 15,413,532	\$ 14,388,148	\$ 14,565,319	\$ 16,649,576	\$ 17,281,019	\$ 21,037,414	\$ 19,566,809	\$ 20,681,541	\$ 21,037,906	\$ 24,221,724	\$ 16,699,983	\$ 16,472,716	\$ 218,013,687
22. LESS: Included in Base Rates	(74,556)	(108,052)	(108,031)	(225,196)	(110,118)	(109,987)	(115,769)	(101,184)	(162,167)	(107,865)	(114,414)	(108,016)	(1,445,356)
23. Recoverable Conservation Expenses	\$ 15,338,976	\$ 14,278,097	\$ 14,457,288	\$ 16,424,381	\$ 17,170,901	\$ 20,927,427	\$ 19,451,040	\$ 20,580,357	\$ 20,875,739	\$ 24,113,859	\$ 16,585,569	\$ 16,364,700	\$ 216,568,332
Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
 CONSERVATION TRUE-UP & INTEREST CALCULATION
 JANUARY THROUGH DECEMBER 2010

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. RESIDENTIAL LOAD CONTROL CREDIT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	16,314,658	13,325,954	12,815,733	12,695,739	15,030,272	17,598,239	18,409,884	18,295,828	17,888,105	15,918,643	14,234,949	14,468,404	186,996,409
3. TOTAL REVENUES	\$ 16,314,658	\$ 13,325,954	\$ 12,815,733	\$ 12,695,739	\$ 15,030,272	\$ 17,598,239	\$ 18,409,884	\$ 18,295,828	\$ 17,888,105	\$ 15,918,643	\$ 14,234,949	\$ 14,468,404	\$ 186,996,409
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	(745,965)	(745,965)	(745,965)	(745,965)	(745,965)	(745,965)	(745,965)	(745,965)	(745,965)	(745,965)	(745,965)	(745,965)	(8,951,582)
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line 3 + Line 4)	\$ 15,568,693	\$ 12,579,989	\$ 12,069,767	\$ 11,949,774	\$ 14,284,307	\$ 16,852,274	\$ 17,663,919	\$ 17,549,863	\$ 17,142,140	\$ 15,172,678	\$ 13,488,984	\$ 13,722,439	\$ 178,044,827
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 23)	15,338,976	14,278,097	14,457,288	16,424,381	17,170,901	20,927,427	19,451,040	20,580,357	20,875,739	24,113,859	16,585,569	16,364,700	216,568,332
7. TRUE-UP THIS PERIOD (Line 5 - Line 6)	\$ 229,717	\$ (1,698,108)	\$ (2,387,520)	\$ (4,474,607)	\$ (2,886,593)	\$ (4,075,153)	\$ (1,787,121)	\$ (3,030,494)	\$ (3,733,600)	\$ (8,941,181)	\$ (3,096,585)	\$ (2,642,260)	\$ (38,523,505)
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line 10)	(2,338)	(2,393)	(2,680)	(3,299)	(4,973)	(6,807)	(6,791)	(6,425)	(6,664)	(7,453)	(8,553)	(8,997)	(67,373)
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	(8,951,582)	(7,978,238)	(8,932,774)	(10,577,009)	(14,308,950)	(16,454,551)	(19,790,547)	(20,838,493)	(23,129,447)	(26,123,746)	(34,326,414)	(36,685,586)	(8,951,582)
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)	(5,558,900)
10. PRIOR TRUE-UP COLLECTED/(REFUNDED)	745,965	745,965	745,965	745,965	745,965	745,965	745,965	745,965	745,965	745,965	745,965	745,965	8,951,582
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Lines 7 + 8 + 9 + 9a + 10)	\$ (13,537,138)	\$ (14,491,674)	\$ (16,135,909)	\$ (19,867,850)	\$ (22,013,451)	\$ (25,349,447)	\$ (26,397,393)	\$ (28,688,347)	\$ (31,682,646)	\$ (39,885,314)	\$ (42,244,486)	\$ (44,149,779)	\$ (44,149,780)

NOTES: Totals may not add due to rounding

**FLORIDA POWER & LIGHT COMPANY
CONSERVATION TRUE-UP & INTEREST CALCULATION
JANUARY THROUGH DECEMBER 2010**

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ACTUALS JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
INTEREST PROVISION													
1. BEGINNING TRUE-UP AMOUNT (Schedule CT-3, page 2, Lines 9 + 9a)	(14,510,481)	(13,537,138)	(14,491,674)	(16,135,909)	(19,867,850)	(22,013,451)	(25,349,447)	(26,397,393)	(28,688,347)	(31,682,646)	(39,885,314)	(42,244,486)	(\$294,804,136)
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Schedule CT-3, page 2, Lines 7 + 9+ 9a + 10)	(13,534,800)	(14,489,281)	(16,133,229)	(19,864,551)	(22,008,478)	(25,342,639)	(26,390,603)	(28,681,922)	(31,675,981)	(39,877,861)	(42,235,934)	(44,140,782)	(\$324,376,060)
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line 1+2)	(\$28,045,281)	(\$28,026,418)	(\$30,624,903)	(\$36,000,459)	(\$41,876,328)	(\$47,356,090)	(\$51,740,049)	(\$55,079,315)	(\$60,364,328)	(\$71,560,507)	(\$82,121,248)	(\$86,385,268)	(\$619,180,195)
4. AVERAGE TRUE-UP AMOUNT (50% of Line 3)	(\$14,022,641)	(\$14,013,209)	(\$15,312,452)	(\$18,000,230)	(\$20,938,164)	(\$23,678,045)	(\$25,870,025)	(\$27,539,658)	(\$30,182,164)	(\$35,780,253)	(\$41,060,624)	(\$43,192,634)	(\$309,590,098)
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.20000%	0.20000%	0.21000%	0.21000%	0.23000%	0.34000%	0.35000%	0.28000%	0.28000%	0.25000%	0.25000%	0.25000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.20000%	0.21000%	0.21000%	0.23000%	0.34000%	0.35000%	0.28000%	0.28000%	0.25000%	0.25000%	0.25000%	0.25000%	N/A
7. TOTAL (Line 5 + Line 6)	0.40000%	0.41000%	0.42000%	0.44000%	0.57000%	0.69000%	0.63000%	0.56000%	0.53000%	0.50000%	0.50000%	0.50000%	N/A
8. AVERAGE INTEREST RATE (50% of Line 7)	0.20000%	0.20500%	0.21000%	0.22000%	0.28500%	0.34500%	0.31500%	0.28000%	0.26500%	0.25000%	0.25000%	0.25000%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Line 8 / 12)	0.01667%	0.01708%	0.01750%	0.01833%	0.02375%	0.02875%	0.02625%	0.02333%	0.02208%	0.02083%	0.02083%	0.02083%	N/A
10. INTEREST PROVISION FOR THE MONTH (Line 4 x 9)	(\$2,338)	(\$2,393)	(\$2,680)	(\$3,299)	(\$4,973)	(\$6,807)	(\$6,791)	(\$6,425)	(\$6,664)	(\$7,453)	(\$8,553)	(\$8,997)	(\$67,373)

N/A = Not Applicable
NOTES: Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
Residential Load Management ("On Call") & Business On Call Programs (Program Nos. 3 & 8)
For the Period January through December 2010

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)		\$ 64,469	\$ (87,365)	\$ (77,736)	\$ 473,888	\$ 14,095	\$ 405,750	\$ (37,566)	\$ 165,095	\$ 282,966	\$ (89,038)	\$ 32,632	\$ 24,803	\$ 1,151,792	1.
2.	Depreciation Base		30,537,188	30,449,823	30,372,087	30,845,973	30,880,069	31,265,818	31,228,252	31,393,347	31,656,314	31,567,276	31,599,908	31,624,511	n/a	2.
3.	Depreciation Expense (a)		542,980	505,975	501,650	508,859	509,485	515,860	518,678	523,934	534,555	521,938	526,057	526,263	6,236,212	3.
4.	Cumulative Investment (Line 2)	\$ 30,472,719	30,537,188	30,449,823	30,372,087	30,845,973	30,880,069	31,285,818	31,228,252	31,393,347	31,656,314	31,567,276	31,599,908	31,624,511	n/a	4.
5.	Less: Accumulated Depreciation (c)	12,963,185	13,332,090	13,753,583	14,194,479	14,501,933	14,860,756	15,106,326	15,480,483	15,894,403	16,378,540	16,831,930	17,335,930	17,835,061	n/a	5.
6.	Net Investment (Line 4 - 5)	\$ 17,509,534	\$ 17,205,098	\$ 16,696,240	\$ 16,177,608	\$ 16,344,041	\$ 16,179,313	\$ 16,159,492	\$ 15,787,768	\$ 15,498,944	\$ 15,277,774	\$ 14,735,346	\$ 14,263,978	\$ 13,789,450	n/a	6.
7.	Average Net Investment		17,357,316	16,950,869	16,438,924	16,280,824	16,281,877	16,169,403	15,963,631	15,833,358	15,388,359	15,009,560	14,499,662	14,026,714	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		81,927	80,007	64,405	63,715	63,718	63,357	62,550	61,256	60,296	58,800	56,814	54,961		8a.
b.	Equity Comp. grossed up for taxes (Line 8a/61425)		133,377	130,252	104,851	103,728	103,733	103,145	101,832	99,725	98,162	95,727	92,493	89,476	1,256,501	8b.
c.	Debt Component (Line 7 * x.xx% /12) (c)		27,145	26,509	26,674	26,388	26,389	26,240	25,906	25,370	24,972	24,353	23,530	22,783	306,238	8c.
9.	Total Return Requirements (Line 8b + 8c)		160,522	156,761	131,525	130,116	130,123	129,384	127,738	125,095	123,135	120,079	116,023	112,239	1,562,739	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$ 703,462	\$ 662,735	\$ 633,175	\$ 638,975	\$ 639,607	\$ 645,244	\$ 646,416	\$ 649,029	\$ 657,890	\$ 642,018	\$ 642,080	\$ 638,502	7,798,952	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) Jan & Feb '10 - The monthly Equity Component of 5.6640% reflects an 11.75% return on equity. March 2010 forward - Monthly Equity Component of 4.7019% - reflects a 10% return on equity. Per Order No PSC-10-0153-FOF-EI

(c) Jan & Feb '10 - Monthly Debt Component is 1.8767%. March 2010 forward - Monthly Debt Component is 1.9473% per FPSC Order No PSC-10-0153-FOF-EI

Totals may not add due to rounding

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS

Program	Category	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential Load Management ("On Call") (Program No. 3)	Depreciation	513,840	478,852	474,561	481,381	481,973	488,003	490,669	495,841	505,688	493,754	497,650	497,844	5,899,457
	Return	151,853	146,296	124,423	123,090	123,096	122,398	120,840	118,340	116,485	113,595	109,758	106,178	1,478,352
	Total	665,494	626,948	598,983	604,470	605,069	610,401	611,509	613,981	622,175	622,175	607,349	607,408	7,377,808
Business On Call (Program No. 8)	Depreciation	29,320	27,323	27,089	27,478	27,512	27,858	28,009	28,292	28,866	28,185	28,407	28,418	336,755
	Return	8,668	8,485	7,102	7,026	7,027	6,987	6,898	6,755	6,649	6,484	6,265	6,061	84,388
	Total	37,988	35,788	34,191	34,505	34,539	34,843	34,906	35,048	35,515	34,669	34,672	34,479	421,143
Total	Depreciation	542,980	505,975	501,650	508,859	509,485	515,860	518,678	523,934	534,555	521,938	526,057	526,263	6,236,212
	Return	180,522	156,761	131,525	130,116	130,123	129,384	127,738	125,095	123,135	120,079	116,023	112,239	1,562,739
	Total	703,462	662,735	633,175	638,975	639,607	645,244	646,416	649,029	657,890	642,018	642,080	638,502	7,798,952

FLORIDA POWER & LIGHT COMPANY
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
Common Expenses (Program No. 20)
For the Period January through December 2010

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)		\$ (9,208)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (9,208)	1.
2.	Depreciation Base		2,613,641	2,613,641	2,613,641	2,613,641	2,613,641	2,613,641	2,613,641	2,613,641	2,613,641	2,613,641	2,613,641	2,613,641	n/a	2.
3.	Depreciation Expense (a)		47,666	47,666	47,666	47,666	47,666	47,666	47,666	47,666	47,666	47,666	47,666	47,666		3.
4.	Cumulative Investment (Line 2)	\$ 2,622,848	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	\$ 2,613,641	n/a	4.
5.	Less: Accumulated Depreciation (c)	1,034,017	1,072,475	1,120,140	1,167,806	1,215,471	1,263,137	1,310,803	1,358,468	1,406,134	1,453,799	1,501,465	1,549,130	1,596,796	n/a	5.
6.	Net Investment (Line 4 - 5)	\$ 1,588,831	\$ 1,541,166	\$ 1,493,500	\$ 1,445,835	\$ 1,398,169	\$ 1,350,504	\$ 1,302,838	\$ 1,255,172	\$ 1,207,507	\$ 1,159,841	\$ 1,112,176	\$ 1,064,510	\$ 1,016,845	n/a	6.
7.	Average Net Investment		1,564,989	1,517,333	1,469,667	1,422,002	1,374,338	1,326,671	1,279,005	1,231,340	1,183,674	1,136,009	1,088,343	1,040,678	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		7,387	7,162	5,759	5,572	5,385	5,198	5,012	4,825	4,638	4,451	4,264	4,078	63,730	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		12,026	11,659	9,375	9,071	8,767	8,463	8,159	7,855	7,551	7,247	6,943	6,638	103,753	8b.
c.	Debt Component (Line 7 * x.xxxx% /12) (c)		2,448	2,373	2,385	2,308	2,230	2,153	2,076	1,998	1,921	1,844	1,766	1,689	25,189	8c.
9.	Total Return Requirements (Line 8b + 8c)		14,473	14,032	11,760	11,379	10,997	10,616	10,234	9,853	9,472	9,090	8,709	8,327	128,942	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$ 62,139	\$ 61,698	\$ 59,426	\$ 59,044	\$ 58,663	\$ 58,281	\$ 57,900	\$ 57,518	\$ 57,137	\$ 56,756	\$ 56,374	\$ 55,993	\$ 700,928	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) Jan & Feb '10 - The monthly Equity Component of 5.8640% reflects an 11.75% return on equity. March 2010 forward - Monthly Equity Component of 4.7019% - reflects a 10% return on equity. Per Order No PSC-10-0153-FOF-EI

(c) Jan & Feb '10 - Monthly Debt Component is 1.8767%. March 2010 forward - Monthly Debt Component is 1.9473% per FPSC Order No PSC-10-0153-FOF-EI

Totals may not add due to rounding

**Reconciliation and Explanation of
Differences between Filing and FPSC Audit
Report for Months: January 2010 through December 2010**

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

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential Home Energy Survey Program

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by offering home energy surveys to customers. This objective is accomplished by educating customers on energy efficiency and encouraging customers to perform recommended practices and measures, even if they are not included in FPL's DSM Plan. The energy survey is also used to identify customers for other residential incentive programs dependent upon survey findings.

Program Accomplishments for January through December 2010: During this period 139,827 energy audits were completed. The estimate for this period was 146,241 energy audits.

Program Expenditures for January through December 2010: Total expenditures were \$13,604,876 or \$493,203 less than projected. This program is deemed on target with a less than four percent variance.

Program Progress Summary: There have been 2,891,177 energy audits completed from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential Building Envelope Program

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to improve the thermal efficiency of the building structure.

Program Accomplishments for January through December 2010: During this period 14,041 installations were completed. The estimate for this period was 12,905 installations.

Program Expenditures for January through December 2010: Total expenditures were \$6,067,823 or \$400,081 more than projected. This program is deemed on target with a seven percent variance.

Program Progress Summary: There have been 794,311 installations completed from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

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

Program Description: This is a voluntary program primarily used to reduce the summer and winter coincident peak demand and energy by turning off customers' appliances for varying durations. Load control equipment is installed at selected customer end-use equipment, allowing FPL to control these loads.

Program Accomplishments for January through December 2010: Installation of equipment at one substation and a total of 791,791 program participants. The estimate for the period was a total of 794,290 program participants.

Program Expenditures for January through December 2010: Total expenditures were \$57,639,992 or \$1,400,083 less than projected. This program is deemed on target with a less than three percent variance.

Program Progress Summary: There have been 791,791 program participants from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Duct System Testing and Repair Program

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to repair air leaks identified in air-conditioning duct systems.

Program Accomplishments for January through December 2010: During this period 16,348 installations were completed. The estimate for this period was 14,551 installations.

Program Expenditures for January through December 2010: Total expenditures were \$1,794,132 or \$18,528 less than projected. This program is deemed on target with a one percent variance.

Program Progress Summary: There have been 494,863 installations completed from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential Air Conditioning Program

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install high-efficiency central air conditioning (AC) systems.

Program Accomplishments for January through December 2010: During this period 99,897 installations were completed. The estimate for this period was 95,455 installations.

Program Expenditures for January through December 2010: Total expenditures were \$65,453,894 or \$513,300 more than projected. This program is deemed on target with a less than one percent variance.

Program Progress Summary: There have been 1,151,242 installations completed from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Residential New Construction (BuildSmart®)

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand through the design and construction of energy-efficient homes. The program will encourage builders and developers to achieve the ENERGY STAR ® qualification.

Program Accomplishments for the period January through December 2010: During this period program accomplishments included 2,089 homes. The estimate for this period was 2,096 homes.

Program Expenditures for January through December 2010: Total expenditures were \$694,862 or \$84,256 less than projected. The variance of 11% is due to lower than expected marketing expenses.

Program Progress Summary: There have been 24,604 homes completed from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Project Title: Low-Income Weatherization Program

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by partnering with government and non-profit agencies to assist eligible low income FPL residential customers to reduce the cost of heating and cooling their homes.

Program Accomplishments for the period January through December 2010: During this period program accomplishments included 837 installations. The estimate for this period was 934 installations.

Program Expenditures for January through December 2010: Total expenditures were \$114,708 or \$15,819 less than projected. The variance of 12% is due to fewer installations than anticipated.

Program Progress Summary: There have been 2,798 installations completed from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business On Call Program

Program Description: This is a voluntary program primarily used to reduce the summer coincident peak demand and energy by turning off customers' direct expansion central electric air-conditioning units.

Program Accomplishments for January through December 2010: During this period total reduction was 92.7 MW at the generator. The estimate for this period was 96.6 MW at the generator.

Program Expenditures for January through December 2010: Total expenditures were \$3,677,640 or \$311,119 less than projected. This program is deemed on target with a less than eight percent variance.

Program Progress Summary: Total reduction is 92.7 MW at the generator from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Cogeneration and Small Power Production

Program Description: This program is intended to facilitate the installation of Cogenerators and Small Power Producers and the administration of contracts with such facilities.

Program Accomplishments for January through December 2010: FPL received 733 MW of firm capacity at time of system peak and 4,231 GWh's of purchase power. Five firm and eight as-available power producers participated. The estimate for the period was expected to include 640 MW of firm capacity at time of system peak and 4,421 GWh's of purchase power.

Program Expenditures for January through December 2010: Total expenditures were \$524,660 or \$26,144 less than projected. This program is deemed on target with a less than five percent variance.

Program Progress Summary: Total MW under contract (facility size) is 1,015 MW of which 1,015 MW is committed capacity.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Efficient Lighting

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install high-efficiency lighting systems.

Program Accomplishments for January through December 2010: During this period total reduction was 4,168.1 kW at the generator. The estimate for this period was 5,346.6 kW at the generator.

Program Expenditures for January through December 2010: Total expenditures were \$490,447 or \$156,246 less than projected. The variance of 24% is due to fewer installations than anticipated.

Program Progress Summary: Total reduction is 274,881.5 kW at the generator from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Commercial/Industrial Load Control (CILC)

Program Description: This program is designed to reduce the growth of coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies. This program was closed to new participants as of December 31, 2000. It is available to existing CILC customers who had entered into a CILC agreement as of March 19, 1996, and allow FPL to control at least 200 kW of their electrical load as specified on the CILC tariff sheet No.8.650.

Program Accomplishments for January through December 2010: During this period the demand reduction capability from program participants was a total of 503.4 MW at the generator. The target reduction for the period was 503.8 MW at the generator.

Program Expenditures for January through December 2010: Total expenditures were \$26,406,422 or \$738,019 less than projected. This program is deemed on target with a less than three percent variance.

Program Progress Summary: Total reduction is 503.4 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 2010

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	1/15/2010	GSLD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 2	2/2/2010	GSLD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 3	2/2/2010	GSLD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 4	1/20/2010	GSLD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 5	2/10/2010	GSD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.

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

During the Period: January through December 2010

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 6	1/13/2010	GSD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 7	1/23/2010	GSD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 8	1/23/2010	GSLD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 9	1/23/2010	GSD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 10	1/27/2010	GSLD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 11	1/28/2010	GSD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.

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

During the Period: January through December 2010

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 12	1/12/2010	GSD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 13	1/12/2010	GSLD-1 with Seasonal Demand Rider (option A)	In the best interests of the Customer, the Company and the Company's other Customers.
Customer No. 14	7/9/2010	GSD-1 (72)	Load dropped below 200 kW. No longer qualifies for rate.
Customer No. 15	8/21/2010	HLFT-3 (165)	Non-firm loads transferred to new chiller loop from new Central Energy Plant. New energy plant taking non-firm service under the CDR rider.
Customer No. 16	1/1/2010	N/A	Account final billed.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Commercial/Industrial Demand Reduction

Program Description: This program is designed to reduce the growth of coincident peak demand by controlling customer loads of 200 kW or greater during periods of extreme demand, capacity shortages, or system emergencies.

Program Accomplishments for January through December 2010: During this period the demand reduction capability from program participants was a total of 218.8 MW at the generator. The target reduction for the period was 225.4 MW at the generator.

Program Expenditures for January through December 2010: Total expenditures were \$9,456,943 or \$530,762 more than projected. This program is deemed on target with a six percent variance.

Program Progress Summary: Total reduction is 218.8 MW at the generator from program inception through December 2010.

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

During the Period: January through December 2010

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	7/1/2010	N/A	Account final billed.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Energy Evaluation

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by offering energy audits (BEEs) to business customers. This objective is accomplished by educating customers on energy efficiency and encouraging customers to perform recommended practices and measures. The BEE is also used to qualify customers for other business incentive programs dependent upon audit findings

Program Accomplishments for January through December 2010: During this period 13,228 energy evaluations were completed. The estimate for this period was 13,083 energy evaluations.

Program Expenditures for January through December 2010: Total expenditures were \$3,707,015 or \$2,028,477 less than projected. The variance of 35% is due to a change in advertising strategy that moved away from using broadcast advertising to a targeted direct mail program, which cost substantially less.

Program Progress Summary: There have been 154,422 energy evaluations completed from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Heating, Ventilating and Air Conditioning Program

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install high-efficiency heating, ventilating and air conditioning (HVAC) systems.

Program Accomplishments for January through December 2010: During this period total demand reduction was 11,607.2 kW at the generator. The estimate for this period was 14,878.7 kW at the generator.

Program Expenditures for January through December 2010: Total expenditures were \$5,755,911 or \$1,302,498 less than projected. The variance of 19% is primarily due to fewer installations than projected.

Program Progress Summary: Total reduction is 336,777.5 kW at the generator from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Custom Incentive

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install unique high-efficiency systems not covered by other FPL Demand Side Management (DSM) programs.

Program Accomplishments for January through December 2010: During this period program accomplishments included the completion of five projects for a total of 2,829.1 kW of summer peak demand reduction at the generator. See attached pages 20-32, 33-45, 46-58, 59-71, and 72-84 for cost-effectiveness results on each project.

Program Expenditures for January through December 2010: Total expenditures were \$774,789 or \$164,329 more than projected. The variance of 27% is due to completing more projects than anticipated.

Program Progress Summary: Total reduction is 36,991.4 kW at the generator from program inception through December 2010.

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	52.40 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	67.59 KW
(3) KW LINE LOSS PERCENTAGE	2.66 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	268,354.10 KWH
(5) KWH LINE LOSS PERCENTAGE	6.90 %
(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	35 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	33 YEARS
(4) K FACTOR FOR GENERATION	1.78738
(5) K FACTOR FOR T & D	1.63254

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	2.89 %
(11) UTILITY AFUDC RATE	2.48 %
(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	2009
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2012-2019
(4) BASE YEAR AVOIDED GENERATING COST	715.29 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	185.52 \$/KW
(6) BASE YEAR DISTRIBUTION COST	20.64 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	57.66 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	2.82 \$/KW
(11) DISTRIBUTION FIXED O & M COST	1.01 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.106 CENTS\$/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	0% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	2.21 CENTS PER KWH** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.70 %**

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 CALCULATION OF GEN K-FACTOR
 2 PROGRAM/METHOD SELECTED REV_REQ
 3 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	REG-YEAR RATE/RATE \$(\$00)	DEBT \$(\$00)	PREFERRED STOCK \$(\$00)	COMMON EQUITY \$(\$00)	INCOME TAXES \$(\$00)	PROPERTY TAX \$(\$00)	PROPERTY INSURANCE \$(\$00)	DEPRIC \$(\$00)	DEFERRED TAXES \$(\$00)	TOTAL FIXED CHARGES \$(\$00)	PRESENT WORTH FINED CHARGES \$(\$00)	CUMULATIVE PW FINED CHARGES \$(\$00)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(\$00)
2019	76	2	0	3	4	1	0	3	0	16	16	16	75
2020	73	2	0	3	2	1	0	3	1	15	14	30	76
2021	69	2	0	3	2	1	0	3	1	15	13	43	78
2022	66	2	0	3	2	1	0	3	1	14	11	54	80
2023	62	2	0	4	2	1	1	3	1	14	10	64	82
2024	58	2	0	4	2	1	1	3	0	13	9	72	84
2025	55	2	0	4	2	1	1	3	0	13	8	80	86
2026	52	2	0	4	2	1	1	3	0	12	7	86	89
2027	49	2	0	4	2	1	1	3	0	12	6	92	91
2028	45	1	0	3	2	1	1	3	0	11	5	97	93
2029	42	1	0	3	2	1	1	3	0	11	4	102	95
2030	39	1	0	3	2	1	1	3	0	10	4	106	98
2031	36	1	0	2	2	1	1	3	0	10	3	109	100
2032	33	1	0	2	1	1	1	3	0	9	3	112	103
2033	29	1	0	2	1	1	1	3	0	9	2	115	105
2034	26	1	0	2	1	0	1	3	0	8	2	117	108
2035	23	1	0	2	1	0	1	3	0	8	2	119	111
2036	20	1	0	1	1	0	1	3	0	7	2	121	113
2037	17	1	0	1	1	0	1	3	0	7	1	122	116
2038	13	0	0	1	1	0	1	3	0	6	1	123	119
2039	10	0	0	1	1	0	1	3	(0)	6	1	124	122
2040	8	0	0	1	2	0	1	3	(1)	5	1	125	125
2041	6	0	0	0	1	0	1	3	(1)	5	1	126	128
2042	4	0	0	0	1	0	1	3	(1)	5	1	127	131
2043	2	0	0	0	1	0	1	3	(1)	4	1	127	135

IN SERVICE COST (\$000)	75
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.375
DISCOUNT RATE	8.5%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	%
DEBT	44%	7.03	%
E/S	0%	8.00	%
C/S	56%	12.50	%

K-FACTOR = CFWFC / IN-SVC COST =

1.7078

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM/METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(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)
2019	3.75%	3	3	3	3	3	3	0	7	0	0	0	0	(2)
2020	7.22%	5	8	3	6	3	3	1	7	0	0	0	0	(1)
2021	6.58%	5	13	3	9	3	6	1	7	0	0	0	0	(0)
2022	6.18%	4	17	3	12	3	9	1	7	0	0	0	0	1
2023	5.71%	4	21	3	15	3	12	1	7	0	0	0	0	1
2024	5.29%	4	25	3	18	3	15	0	7	0	0	0	0	2
2025	4.89%	4	29	3	21	3	18	0	7	0	0	0	0	2
2026	4.52%	3	32	3	24	3	21	0	7	0	0	0	0	2
2027	4.46%	3	35	3	27	3	24	0	7	0	0	0	0	2
2028	4.46%	3	39	3	30	3	27	0	7	0	0	0	0	3
2029	4.46%	3	42	3	33	3	30	0	7	0	0	0	0	3
2030	4.46%	3	45	3	36	3	33	0	7	0	0	0	0	3
2031	4.46%	3	48	3	39	3	36	0	7	0	0	0	0	3
2032	4.46%	3	51	3	42	3	39	0	7	0	0	0	0	3
2033	4.46%	3	55	3	45	3	42	0	7	0	0	0	0	4
2034	4.46%	3	58	3	48	3	45	0	7	0	0	0	0	4
2035	4.46%	3	61	3	51	3	48	0	7	0	0	0	0	4
2036	4.46%	3	64	3	54	3	51	0	7	0	0	0	0	4
2037	4.46%	3	68	3	57	3	54	0	7	0	0	0	0	4
2038	4.46%	3	71	3	60	3	57	0	7	0	0	0	0	3
2039	2.23%	2	73	3	63	3	60	(0)	7	0	0	0	(0)	4
2040	0.00%	0	72	3	66	3	63	(1)	7	0	0	0	(1)	3
2041	0.00%	0	72	3	69	3	66	(1)	7	0	0	0	(1)	2
2042	0.00%	0	72	3	72	3	69	(1)	7	0	0	0	(1)	1
2043	0.00%	0	72	3	75	3	72	(1)	7	0	0	0	(1)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE/ COST OF REMOVAL	2028
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	7
BOOK DEPR. RATE - 1/USEFUL LIFE	4.00%

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(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)
2019	3.75%	0	0	72	0	(2)	76	73	75
2020	7.22%	5	1	69	6	(1)	73	69	71
2021	6.68%	5	1	66	9	(0)	69	66	68
2022	6.18%	4	1	63	12	1	66	62	64
2023	5.71%	4	1	60	15	1	62	58	60
2024	5.28%	4	0	57	18	2	58	55	57
2025	4.89%	4	0	54	21	2	55	52	53
2026	4.52%	3	0	51	24	2	52	49	50
2027	4.16%	3	0	48	27	2	49	45	47
2028	4.86%	3	0	45	30	3	45	42	44
2029	4.48%	3	0	42	33	3	42	39	41
2030	4.16%	3	0	39	36	3	39	36	37
2031	4.46%	3	0	36	39	3	36	33	34
2032	4.46%	3	0	33	42	3	33	29	31
2033	4.46%	3	0	30	45	4	29	26	28
2034	4.46%	3	0	27	48	4	26	23	25
2035	4.46%	3	0	24	51	4	23	20	21
2036	4.46%	3	0	21	54	4	20	17	18
2037	4.46%	3	0	18	57	4	17	13	15
2038	4.46%	3	0	15	60	5	13	10	12
2039	2.23%	2	(0)	12	63	4	10	8	9
2040	0.00%	0	(1)	9	66	3	8	6	7
2041	0.00%	0	(2)	6	69	2	6	4	5
2042	0.00%	0	(3)	3	72	1	4	2	3
2043	0.00%	0	(1)	0	75	0	2	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 (\$/W)	(7) CUMULATIVE AVERAGE SPENDING (\$/W)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	3.00%	1.030	0.00%	0.00	0.00
2011	-8	3.00%	1.061	0.00%	0.00	0.00
2012	-7	3.00%	1.093	0.00%	0.00	0.00
2013	-6	3.00%	1.126	0.13%	1.24	0.62
2014	-5	3.00%	1.160	1.99%	15.99	9.24
2015	-4	3.00%	1.194	4.57%	39.61	37.43
2016	-3	3.00%	1.230	37.20%	331.87	222.77
2017	-2	3.00%	1.267	45.74%	420.27	598.84
2018	-1	3.00%	1.305	10.44%	98.79	858.38

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/W)	(4) DEBT AFUDC (\$/W)	(5) CUMULATIVE DEBT AFUDC (\$/W)	(6) YEARLY TOTAL AFUDC (\$/W)	(7) CUMULATIVE TOTAL AFUDC (\$/W)	(8) CONSTRUCTION PERIOD INTEREST (\$/W)	(9) CUMULATIVE CPI (\$/W)	(10) DEFERRED TAXES (\$/W)	(11) CUMULATIVE DEFERRED TAXES (\$/W)	(12) INCREMENTAL YEAR-END BOOK VALUE (\$/W)	(13) CUMULATIVE YEAR-END BOOK VALUE (\$/W)
2009	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-6	0.62	0.62	0.62	0.05	0.05	0.04	0.04	(0.01)	(0.01)	1.29	1.29
2014	-5	9.29	0.29	0.30	0.79	0.84	0.65	0.70	(0.14)	(0.15)	16.78	18.07
2015	-4	37.87	1.18	1.49	3.22	4.66	2.65	3.55	(0.57)	(0.72)	42.83	60.90
2016	-3	226.84	7.07	8.56	19.28	23.36	15.80	19.25	(3.41)	(4.13)	151.16	412.06
2017	-2	622.20	19.46	28.91	53.10	76.45	43.47	62.72	(9.26)	(13.33)	473.37	835.43
2018	-1	934.63	29.46	57.47	90.59	158.84	64.78	127.50	(13.63)	(27.02)	179.18	1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,389,825
AFUDC RATE	8.48%

	57.47	156.84	127.50	227.02	1,064.61
	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS		
CONSTRUCTION CASH	64	64	64		
EQUITY AFUDC	7				
DEBT AFUDC	4	4			
CPI			9		
TOTAL	75	68	73		

* Column not specified in workbook

1 INPUT DATA - PART 2
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(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
2009			6.79	9.17	6.79	9.00	1.00	1.00
2010			6.41	16.51	6.41	9.00	1.00	1.00
2011			6.35	19.38	6.35	9.00	1.00	1.00
2012			6.43	13.34	6.43	9.00	1.00	1.00
2013			7.86	9.99	7.86	9.00	1.00	1.00
2014			7.53	10.61	7.53	9.00	1.00	1.00
2015			8.11	13.20	8.11	9.00	1.00	1.00
2016			9.00	13.90	9.00	9.00	1.00	1.00
2017			9.75	15.69	9.75	9.00	1.00	1.00
2018			10.52	15.66	10.52	9.00	1.00	1.00
2019			11.50	21.44	11.50	10.41	1.00	1.00
2020			12.08	20.17	12.08	10.90	1.00	1.00
2021			12.57	21.76	12.57	10.74	1.00	1.00
2022			13.06	23.66	13.06	10.81	1.00	1.00
2023			13.38	20.91	13.38	10.80	1.00	1.00
2024			13.95	22.19	13.95	10.94	1.00	1.00
2025			14.40	22.20	14.40	10.96	1.00	1.00
2026			14.70	22.41	14.70	11.05	1.00	1.00
2027			15.13	23.05	15.13	11.17	1.00	1.00
2028			15.60	23.70	15.60	11.36	1.00	1.00
2029			16.02	22.95	16.02	11.41	1.00	1.00
2030			16.52	23.78	16.52	11.59	1.00	1.00
2031			17.08	24.53	17.08	11.80	1.00	1.00
2032			17.50	24.55	17.50	11.88	1.00	1.00
2033			18.27	25.51	18.27	12.10	1.00	1.00
2034			18.73	25.89	18.73	12.14	1.00	1.00
2035			19.57	27.04	19.57	12.28	1.00	1.00
2036			20.40	28.26	20.40	12.55	1.00	1.00
2037			21.11	29.22	21.11	12.70	1.00	1.00
2038			22.02	30.23	22.02	13.04	1.00	1.00
2039			22.78	31.29	22.78	13.32	1.00	1.00
2040			23.59	32.02	23.59	13.44	1.00	1.00
2041			24.54	33.28	24.54	13.75	1.00	1.00
2042			25.50	34.66	25.50	14.10	1.00	1.00
2043			26.74	36.49	26.74	14.40	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THE 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 AVOIDED GENERATING BENEFITS
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2005	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	16	9	0	22	28	19
2020	15	9	0	33	40	18
2021	13	9	0	34	42	17
2022	14	9	0	36	44	17
2023	14	10	0	38	45	17
2024	13	10	0	40	46	17
2025	13	10	0	43	49	17
2026	12	10	0	46	52	18
2027	12	11	0	49	54	18
2028	11	11	0	50	55	18
2029	11	11	0	52	56	18
2030	10	11	0	54	59	18
2031	10	12	0	55	60	18
2032	9	12	0	57	61	19
2033	9	12	0	63	67	18
2034	8	13	0	66	68	19
2035	8	13	0	67	69	20
2036	7	13	0	69	71	19
2037	7	14	0	71	72	20
2038	6	14	0	73	75	19
2039	6	14	0	74	76	19
2040	5	15	0	76	77	20
2041	5	15	0	77	78	20
2042	5	15	0	79	81	19
2043	4	16	0	81	83	19
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
NOM	243	299	34	1,407	1,511	462
NPV	54	50	4	215	240	83

1 RATE IMPACT TEST
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS \$'(000)	VILLIY 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)
2009	0	2	11	12	0	24	13	0	0	1	14	(10)	(10)
2010	0	0	0	24	0	24	50	0	0	0	50	30	17
2011	0	0	0	24	0	24	30	1	0	1	31	31	25
2012	0	0	0	25	0	25	40	0	0	0	40	18	38
2013	0	0	0	27	0	27	26	0	0	0	26	7	44
2014	0	0	0	28	0	28	30	0	0	0	30	7	49
2015	0	0	0	30	0	30	38	0	0	0	38	14	57
2016	0	0	0	31	0	31	49	0	0	4	46	15	65
2017	0	0	0	33	0	33	43	2	0	4	50	17	74
2018	0	0	0	33	0	33	44	2	0	4	51	17	82
2019	0	0	0	35	0	35	82	2	0	4	89	54	105
2020	0	0	0	35	0	35	76	2	0	4	83	48	124
2021	0	0	0	36	0	36	81	2	0	4	87	51	142
2022	0	0	0	37	0	37	86	2	0	4	93	56	161
2023	0	0	0	38	0	38	78	2	0	0	80	46	175
2024	0	2	11	40	0	53	82	2	0	1	85	35	185
2025	0	0	0	42	0	42	81	2	0	6	89	47	197
2026	0	0	0	44	0	44	82	2	0	6	89	45	207
2027	0	0	0	47	0	47	84	2	0	6	91	45	217
2028	0	0	0	49	0	49	86	2	0	6	93	44	226
2029	0	0	0	51	0	51	83	2	0	7	92	41	233
2030	0	0	0	54	0	54	86	2	0	7	95	40	240
2031	0	0	0	57	0	57	88	2	0	8	97	40	246
2032	0	0	0	61	0	61	88	2	0	8	98	37	251
2033	0	0	0	67	0	67	91	2	0	8	101	34	256
2034	0	0	0	68	0	68	93	1	0	8	102	34	260
2035	0	0	0	71	0	71	96	1	0	9	107	36	264
2036	0	0	0	77	0	77	100	1	0	10	111	34	267
2037	0	0	0	81	0	81	103	1	0	11	115	34	270
2038	0	0	0	85	0	85	105	1	0	11	117	32	273
2039	0	0	11	89	0	103	108	1	0	12	121	17	274
2040	0	0	0	94	0	94	110	1	0	11	125	29	276
2041	0	0	0	99	0	99	114	1	0	12	127	28	278
2042	0	0	0	105	0	105	117	1	0	13	130	27	280
2043	0	0	0	111	0	111	123	1	0	15	139	28	281
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
NDM	0	7	32	1,841	0	1,881	2,674	66	0	213	2,963	1,087	
NPV	0	2	15	411	0	428	641	25	0	43	709	281	

Discount Rate 3.89 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 1.64

Docket No. 110002-JG
 Florida Power & Light Co.
 Exhibit AS-1
 Schedule CT-6
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I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	32.09 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	69.46 KW
(3) KW LINE LOSS PERCENTAGE	3.66 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER	151,177.52 KVA
(5) KVA LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.02
(7) CUSTOMER KVA INCREASE AT METER	0.00 KVA

II. ECONOMIC LIFE & X FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) X FACTOR FOR GENERATION	1.7028
(5) X FACTOR FOR T & D	1.6724

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	2.89 %
(11) UTILITY AFUDC RATE	1.48 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2009
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2012-2019
(4) BASE YEAR AVOIDED GENERATING COST	725.39 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST	0.00 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	57.66 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	0.00 \$/KW
(11) DISTRIBUTION FIXED O & M COST	0.00 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.106 CENTS/KVA
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	0% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.23 CENTS PER KW-H** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL	*** CENTS/KVA
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW&M
(4) DEMAND CHARGE ESCALATION RATE	*** %

1 CALCULATION OF GENEZ-FACTOR
 2 PROGRAM(METHOD SELECTED REV_REQ)
 3 PROGRAM NAME: ██████████

YEAR	(2) REG-YEAR RATEBASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPRECI- ATION \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PWFIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	76	2	0	5	3	1	0	3	0	16	16	16	74
2020	73	2	0	5	2	1	0	3	1	15	14	30	76
2021	69	2	0	5	2	1	0	3	1	15	12	42	78
2022	65	2	0	5	2	1	0	3	1	14	11	53	80
2023	62	2	0	4	2	1	0	3	1	14	10	63	82
2024	58	2	0	4	2	1	1	3	0	13	9	72	84
2025	55	2	0	4	2	1	1	3	0	13	8	79	86
2026	51	2	0	4	2	1	1	3	0	12	7	86	88
2027	48	1	0	3	2	1	1	3	0	12	6	91	90
2028	45	1	0	3	2	1	1	3	0	11	5	97	92
2029	42	1	0	3	2	1	1	3	0	11	4	101	95
2030	39	1	0	3	2	1	1	3	0	10	4	105	97
2031	36	1	0	2	2	1	1	3	0	10	3	108	99
2032	32	1	0	2	1	1	1	3	0	9	3	111	102
2033	29	1	0	2	1	1	1	3	0	9	3	114	104
2034	26	1	0	2	1	0	1	3	0	8	2	116	107
2035	23	1	0	2	1	0	1	3	0	8	2	118	110
2036	20	1	0	1	1	0	1	3	0	7	2	120	113
2037	17	1	0	1	1	0	1	3	0	7	1	121	115
2038	13	0	0	1	1	0	1	3	0	6	1	122	118
2039	10	0	0	1	1	0	1	3	(9)	6	1	123	121
2040	8	0	0	0	2	0	1	3	(1)	5	1	124	124
2041	6	0	0	0	1	0	1	3	(7)	5	1	125	127
2042	4	0	0	0	1	0	1	3	(1)	5	1	126	130
2043	2	0	0	0	1	(0)	1	3	(1)	4	1	126	134

IN SERVICE COST (\$000)	74
IN SERVICE YEAR	2019
BOOK LEE (YRS)	25
REFEC. RATE	38.575
DISCOUNT RATE	8.5%
PROPERTY TAX	1.88%
PROPERTY INSURANCE	0.03%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	44%	7.03 %
P/S	0%	0.00 %
C/S	56%	12.50 %

K-FACTOR = CPWFC / IN-SVC COST = 1.70738

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(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)
2019	3.75%	3	3	3	3	3	3	0	7	0	0	0	0	(2)
2020	7.22%	5	8	3	6	3	5	1	7	0	0	0	1	(1)
2021	6.68%	5	13	3	9	3	8	1	7	0	0	0	1	(0)
2022	6.18%	4	17	3	12	3	11	1	7	0	0	0	1	1
2023	5.71%	4	21	3	15	3	13	1	7	0	0	0	1	1
2024	5.28%	4	25	3	18	3	16	0	7	0	0	0	1	2
2025	4.89%	4	29	3	21	3	19	0	7	0	0	0	0	2
2026	4.52%	3	32	3	24	3	21	0	7	0	0	0	0	2
2027	4.16%	3	35	3	27	3	24	0	7	0	0	0	0	2
2028	4.46%	3	38	3	30	3	27	0	7	0	0	0	0	2
2029	4.46%	3	41	3	33	3	29	0	7	0	0	0	0	3
2030	4.46%	3	45	3	35	3	32	0	7	0	0	0	0	3
2031	4.46%	3	48	3	38	3	35	0	7	0	0	0	0	3
2032	4.46%	3	51	3	41	3	38	0	7	0	0	0	0	3
2033	4.46%	3	54	3	44	3	40	0	7	0	0	0	0	3
2034	4.46%	3	57	3	47	3	43	0	7	0	0	0	0	4
2035	4.46%	3	61	3	50	3	46	0	7	0	0	0	0	4
2036	4.46%	3	64	3	53	3	48	0	7	0	0	0	0	4
2037	4.46%	3	67	3	56	3	51	0	7	0	0	0	0	4
2038	4.46%	3	70	3	59	3	54	0	7	0	0	0	0	4
2039	2.23%	2	72	3	62	3	56	(5)	7	0	0	0	(5)	5
2040	0.00%	0	72	3	65	3	59	(1)	7	0	0	0	(1)	4
2041	0.00%	0	72	3	68	3	62	(1)	7	0	0	0	(1)	3
2042	0.00%	0	72	3	71	3	64	(1)	7	0	0	0	(1)	2
2043	0.00%	0	72	3	74	3	67	(1)	7	0	0	0	(1)	1
														0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(5)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	7
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV REQ
 3 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(100)	(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)						
2019	3.75%	3	0	71	3	(2)	76	73	74
2020	7.22%	5	1	68	6	(1)	73	69	71
2021	6.68%	5	1	65	9	(0)	69	65	67
2022	6.18%	4	1	62	12	1	65	62	63
2023	5.71%	4	1	59	15	1	62	58	60
2024	5.29%	4	0	56	18	2	58	55	56
2025	4.89%	4	0	53	21	2	55	51	53
2026	4.52%	3	0	50	24	2	51	48	50
2027	4.18%	3	0	47	27	2	48	45	47
2028	3.86%	3	0	44	30	3	45	42	43
2029	3.56%	3	0	41	33	3	42	39	40
2030	3.28%	3	0	38	35	3	39	36	37
2031	3.02%	3	0	35	38	3	36	32	34
2032	2.78%	3	0	33	41	3	32	29	31
2033	2.56%	3	0	30	44	4	29	26	28
2034	2.35%	3	0	27	47	4	26	23	24
2035	2.15%	3	0	24	50	4	23	20	21
2036	1.97%	3	0	21	53	4	20	17	18
2037	1.80%	3	0	18	56	4	17	13	15
2038	1.64%	3	0	15	59	5	13	10	12
2039	1.49%	2	(3)	12	62	4	10	8	9
2040	0.00%	0	(1)	9	65	3	8	6	7
2041	0.00%	0	(2)	6	68	2	6	4	5
2042	0.00%	0	(3)	3	71	1	4	2	3
2043	0.00%	0	(1)	(0)	74	0	2	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 (\$K/W)	(7) CUMULATIVE AVERAGE SPENDING (\$K/W)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	3.00%	1.030	0.00%	0.00	0.00
2011	-8	3.00%	1.061	0.00%	0.00	0.00
2012	-7	3.00%	1.093	0.00%	0.00	0.00
2013	-6	3.00%	1.126	0.15%	1.54	0.62
2014	-5	3.00%	1.159	1.90%	15.99	9.24
2015	-4	3.00%	1.194	4.57%	39.61	37.43
2016	-3	3.00%	1.230	37.20%	331.87	222.77
2017	-2	3.00%	1.267	45.74%	420.27	598.84
2018	-1	3.00%	1.305	10.44%	58.79	858.38

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$K/W)	(3a)* DEBT AFUDC (\$K/W)	(3b)* DEBT AFUDC (\$K/W)	(4) YEARLY TOTAL AFUDC (\$K/W)	(4a)* CUMULATIVE TOTAL AFUDC (\$K/W)	(5)* CONSTRUCTION PERIOD INTEREST (\$K/W)	(6)* CUMULATIVE CPI (\$K/W)	(7)* DEFERRED TAXES (\$K/W)	(8)* CUMULATIVE DEFERRED TAXES (\$K/W)	(9) INCREMENTAL YEAR-END BOOK VALUE (\$K/W)	(10) CUMULATIVE YEAR-END BOOK VALUE (\$K/W)
2009	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-6	0.62	0.62	0.02	0.05	0.05	0.04	0.04	0.00	0.00	0.63	0.66
2014	-5	9.29	0.29	0.30	0.79	0.84	0.63	0.70	(0.14)	(0.15)	16.78	18.67
2015	-4	37.87	1.18	1.49	3.22	4.06	2.63	3.35	(0.57)	(0.72)	42.83	60.90
2016	-3	226.84	7.67	8.56	19.29	23.36	15.90	19.25	(3.41)	(4.13)	331.16	412.06
2017	-2	822.20	19.46	28.01	53.10	76.45	43.47	62.72	(9.26)	(13.39)	473.37	885.43
2018	-1	934.83	29.46	57.47	80.39	156.84	64.78	127.50	(13.63)	(27.02)	179.18	1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,389,801.5
AFUDC RATE	8.48%

	37.47	156.84	127.50	(27.02)	1,064.61
	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS		
CONSTRUCTION CASE	63	63	63		
EQUITY AFUDC	7				
DEBT AFUDC	4	4			
CPI			9		
TOTAL	74	67	72		

* Column not specified in workbook

1 INPUT DATA - PART 2
 2 PROGRAM/METHOD SELECTED: REV_REQ.
 3 PROGRAM NAME: ██████████

(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
2008	0	0	6.79	9.17	6.79	0.00	1.00	1.00
2010	1	1	6.61	16.51	6.61	0.00	1.00	1.00
2011	1	1	6.35	10.38	6.35	0.00	1.00	1.00
2012	1	1	6.43	13.34	6.43	0.00	1.00	1.00
2013	1	1	7.06	9.99	7.06	0.00	1.00	1.00
2014	1	1	7.53	10.61	7.53	0.00	1.00	1.00
2015	1	1	8.11	13.20	8.11	0.00	1.00	1.00
2016	1	1	9.00	13.90	9.00	0.00	1.00	1.00
2017	1	1	9.25	15.09	9.25	0.00	1.00	1.00
2018	1	1	10.52	15.66	10.52	0.00	1.00	1.00
2019	1	1	11.50	21.44	11.50	10.41	1.00	1.00
2020	1	1	12.08	20.17	12.08	10.50	1.00	1.00
2021	1	1	12.57	21.76	12.57	10.74	1.00	1.00
2022	1	1	13.06	23.66	13.06	10.81	1.00	1.00
2023	1	1	13.39	20.91	13.39	10.80	1.00	1.00
2024	1	1	13.95	22.19	13.95	10.84	1.00	1.00
2025	1	1	14.40	22.20	14.40	10.96	1.00	1.00
2026	1	1	14.70	22.41	14.70	11.05	1.00	1.00
2027	1	1	15.13	23.05	15.13	11.17	1.00	1.00
2028	1	1	15.60	23.70	15.60	11.26	1.00	1.00
2029	1	1	16.02	22.95	16.02	11.41	1.00	1.00
2030	1	1	16.52	23.78	16.52	11.59	1.00	1.00
2031	1	1	17.08	24.53	17.08	11.80	1.00	1.00
2032	1	1	17.50	24.35	17.50	11.88	1.00	1.00
2033	1	1	18.27	25.51	18.27	12.10	1.00	1.00
2034	1	1	18.73	25.89	18.73	12.14	1.00	1.00
2035	1	1	19.57	27.04	19.57	12.29	1.00	1.00
2036	1	1	20.40	28.26	20.40	12.55	1.00	1.00
2037	1	1	21.11	29.22	21.11	12.70	1.00	1.00
2038	1	1	22.02	30.23	22.02	13.04	1.00	1.00
2039	1	1	22.78	31.29	22.78	13.32	1.00	1.00
2040	1	1	23.59	32.02	23.59	13.44	1.00	1.00
2041	1	1	24.54	33.98	24.54	13.75	1.00	1.00
2042	1	1	25.50	34.66	25.50	14.10	1.00	1.00
2043	1	1	26.24	36.49	26.24	14.40	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* 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.

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	256.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	341.95 KW
(3) KW LINE LOSS PERCENTAGE	3.66 %
(4) GENERATOR KW REDUCTION PER CUSTOMER	1,999,296.23 KVA
(5) KVA LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KVA INCREASE AT METER	0.03 KVA

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	15 YEARS
(4) K FACTOR FOR GENERATION	1.7078
(5) K FACTOR FOR T & D	1.6324

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 RATE	*** %**
(10) UTILITY DISCOUNT RATE	3.85 %
(11) UTILITY AFUDC RATE	3.48 %
(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	2009
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2012-2019
(4) BASE YEAR AVOIDED GENERATING COST	725.39 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	185.52 \$/KW
(6) BASE YEAR DISTRIBUTION COST	20.44 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	57.66 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	2.82 \$/KW
(11) DISTRIBUTION FIXED O & M COST	1.01 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.106 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	6% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.23 CENTS PER KWH** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.70 %**

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 CALCULATION OF GENK-FACTOR
 2 PROGRAM/METHOD SELECTED REV_REQ
 3 PROGRAM NAME: ██████████

YEAR	(2) REG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPREC \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	373	12	0	26	17	6	2	15	0	78	78	78	364
2020	359	11	0	25	12	6	2	15	5	76	69	147	373
2021	339	11	0	24	12	6	2	15	4	73	61	209	382
2022	321	9	0	22	12	6	2	15	3	70	54	263	392
2023	303	9	0	21	11	5	2	15	3	67	48	310	402
2024	286	8	0	20	11	5	3	15	2	64	42	352	412
2025	269	8	0	19	11	5	3	15	2	62	37	389	422
2026	253	7	0	18	11	4	3	15	1	59	33	423	433
2027	237	7	0	17	10	4	3	15	1	57	29	450	444
2028	222	7	0	15	10	4	3	15	1	54	25	476	455
2029	206	6	0	14	9	4	3	15	1	52	22	498	466
2030	190	6	0	13	8	3	3	15	1	49	19	517	478
2031	175	5	0	12	8	3	3	15	1	47	17	534	490
2032	159	5	0	11	7	3	3	15	1	44	15	548	502
2033	144	4	0	10	6	3	3	15	1	42	13	561	514
2034	128	4	0	9	5	2	3	15	1	40	11	572	527
2035	113	3	0	8	5	2	3	15	1	37	10	582	540
2036	97	3	0	7	4	2	3	15	1	35	8	594	554
2037	82	3	0	6	3	2	3	15	1	32	7	597	568
2038	66	2	0	5	3	1	4	15	1	30	6	603	582
2039	50	2	0	4	3	1	4	15	(5)	27	5	608	597
2040	38	1	0	3	2	1	4	15	(5)	25	4	612	611
2041	28	1	0	2	2	1	4	15	(5)	24	4	616	627
2042	19	1	0	1	2	1	4	15	(5)	22	3	619	642
2043	9	0	0	1	1	0	4	15	(5)	21	3	622	658

IN SERVICE COST (\$000)	364
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
EFFEC. INCR RATE	38.57%
DISCOUNT RATE	8.9%
PROPERTY TAX	1.87%
PROPERTY INSURANCE	0.51%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	%
DEBT	44%	7.03	%
E/S	0%	0.00	%
C/S	56%	12.50	%

K-FACTOR = $\frac{C/PWSC}{IN-SVC COST} = 1.70738$

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM/METHOD SELECTED: REV_RBQ
 3 PROGRAM NAME: ██████████

(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)
2019	3.75%	13	13	15	15	13	13	0	34	0	0	0	0	(9)
2020	7.22%	26	39	15	29	13	26	5	34	0	0	0	5	(4)
2021	6.68%	24	62	15	44	13	40	4	34	0	0	0	4	(0)
2022	6.18%	22	84	15	58	13	53	3	34	0	0	0	3	3
2023	5.71%	20	105	15	73	13	66	3	34	0	0	0	3	6
2024	5.29%	19	123	15	87	13	79	2	34	0	0	0	2	8
2025	4.89%	17	141	15	102	13	92	2	34	0	0	0	2	9
2026	4.52%	16	157	15	116	13	106	1	34	0	0	0	1	10
2027	4.46%	16	172	15	131	13	119	1	34	0	0	0	1	11
2028	4.46%	16	188	15	146	13	132	1	34	0	0	0	1	12
2029	4.46%	16	204	15	160	13	145	1	34	0	0	0	1	13
2030	4.46%	16	220	15	175	13	158	1	34	0	0	0	1	14
2031	4.46%	16	236	15	189	13	172	1	34	0	0	0	1	15
2032	4.46%	16	251	15	204	13	185	1	34	0	0	0	1	16
2033	4.46%	16	267	15	218	13	198	1	34	0	0	0	1	17
2034	4.46%	16	283	15	233	13	211	1	34	0	0	0	1	18
2035	4.46%	16	299	15	248	13	224	1	34	0	0	0	1	19
2036	4.46%	16	315	15	262	13	238	1	34	0	0	0	1	20
2037	4.46%	16	330	15	277	13	251	1	34	0	0	0	1	21
2038	4.46%	16	346	15	291	13	264	1	34	0	0	0	1	22
2039	2.23%	8	354	15	306	13	277	(2)	34	0	0	0	(2)	20
2040	0.00%	0	354	15	320	13	290	(5)	34	0	0	0	(5)	15
2041	0.00%	0	354	15	335	13	304	(5)	34	0	0	0	(5)	10
2042	0.00%	0	354	15	349	13	317	(5)	34	0	0	0	(5)	5
2043	0.00%	0	354	15	364	13	330	(5)	34	0	0	0	(5)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(9)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	34
BOOK/DEPR RATE - 1/USEFUL LIFE	4.00%

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

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEP 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)						
2019	3.75%	13	0	349	15	(9)	373	359	366
2020	7.22%	26	5	335	29	(4)	359	339	349
2021	6.68%	24	4	320	44	(0)	339	321	330
2022	6.18%	22	3	306	58	3	321	303	312
2023	5.71%	20	3	291	73	6	303	286	294
2024	5.29%	19	2	277	87	8	286	269	277
2025	4.89%	17	2	262	102	9	269	253	261
2026	4.52%	16	1	248	116	10	253	237	245
2027	4.46%	16	1	233	131	11	237	222	229
2028	4.46%	16	1	218	146	12	222	206	214
2029	4.46%	16	1	204	160	13	206	190	198
2030	4.46%	16	1	189	175	14	190	175	183
2031	4.46%	16	1	175	189	15	175	159	167
2032	4.46%	16	1	160	204	16	159	144	152
2033	4.46%	16	1	146	218	17	144	128	136
2034	4.46%	16	1	131	233	18	128	113	120
2035	4.46%	16	1	116	248	19	113	97	105
2036	4.46%	16	1	102	262	20	97	82	89
2037	4.46%	16	1	87	277	21	82	66	74
2038	4.46%	16	1	73	291	22	66	50	58
2039	2.23%	8	(2)	58	306	23	50	38	44
2040	0.00%	0	(2)	44	320	15	38	28	33
2041	0.00%	0	(2)	29	335	10	28	19	24
2042	0.00%	0	(2)	15	349	5	19	9	14
2043	0.00%	0	(2)	0	364	0	9	0	5

* 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)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	3.00%	1.030	0.00%	0.00	0.00
2011	-8	3.00%	1.061	0.00%	0.00	0.00
2012	-7	3.00%	1.093	0.00%	0.00	0.00
2013	-6	3.00%	1.126	0.15%	1.54	0.62
2014	-5	3.00%	1.159	1.90%	15.99	9.24
2015	-4	3.00%	1.194	4.57%	39.61	37.03
2016	-3	3.00%	1.230	37.20%	331.87	222.77
2017	-2	3.00%	1.267	45.74%	420.27	398.84
2018	-1	3.00%	1.305	10.44%	98.79	858.38

100.00% 907.77

YEAR	(8) NO. YEARS BEFORE IN-SERVICE	(8) 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)
2009	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-6	0.62	0.02	0.02	0.05	0.05	0.04	0.04	(0.03)	(0.01)	1.29	1.29
2014	-5	9.29	0.29	0.30	0.79	0.84	0.65	0.70	(0.14)	(0.15)	16.78	18.07
2015	-4	37.87	1.18	1.49	3.22	4.06	2.65	3.35	(0.57)	(0.72)	42.83	60.90
2016	-3	226.94	7.07	8.56	19.29	23.36	15.90	19.25	(3.41)	(4.13)	351.16	412.06
2017	-2	622.20	19.46	28.01	53.10	76.45	43.47	62.72	(9.26)	(13.39)	473.37	885.43
2018	-1	934.83	29.46	57.47	80.39	156.84	64.78	127.50	(13.63)	(27.02)	179.18	1,064.61

57.47

156.84

127.50

(27.02)

1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,385,845
AFUDC RATE	8.48%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASE	310	310	310
EQUITY AFUDC	34		
DEBT AFUDC	20	20	
CPI			44
TOTAL	364	330	354

* Column not specified in workbook

1 INPUT DATA -- PART 2
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(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
2009	0	0	6.79	9.17	6.79	0.00	1.00	1.00
2010	1	1	6.41	16.51	6.41	0.00	1.00	1.00
2011	1	1	6.35	10.38	6.35	0.00	1.00	1.00
2012	1	1	6.43	13.34	6.43	0.00	1.00	1.00
2013	1	1	7.06	9.99	7.06	0.00	1.00	1.00
2014	1	1	7.53	10.61	7.53	0.00	1.00	1.00
2015	1	1	8.11	13.20	8.11	0.00	1.00	1.00
2016	1	1	9.00	13.90	9.00	0.00	1.00	1.00
2017	1	1	9.75	15.09	9.75	0.00	1.00	1.00
2018	1	1	10.52	15.46	10.52	0.00	1.00	1.00
2019	1	1	11.50	21.44	11.50	10.41	1.00	1.00
2020	1	1	12.08	20.17	12.08	10.50	1.00	1.00
2021	1	1	12.57	21.76	12.57	10.74	1.00	1.00
2022	1	1	13.06	23.66	13.06	10.83	1.00	1.00
2023	1	1	13.39	20.91	13.39	10.80	1.00	1.00
2024	1	1	13.95	22.19	13.95	10.84	1.00	1.00
2025	1	1	14.40	22.20	14.40	10.96	1.00	1.00
2026	1	1	14.70	22.41	14.70	11.05	1.00	1.00
2027	1	1	15.13	23.05	15.13	11.17	1.00	1.00
2028	1	1	15.60	23.70	15.60	11.26	1.00	1.00
2029	1	1	16.02	22.95	16.02	11.41	1.00	1.00
2030	1	1	16.52	23.78	16.52	11.59	1.00	1.00
2031	1	1	17.08	24.53	17.08	11.80	1.00	1.00
2032	1	1	17.50	24.55	17.50	11.88	1.00	1.00
2033	1	1	18.27	25.51	18.27	12.16	1.00	1.00
2034	1	1	18.73	25.89	18.73	12.14	1.00	1.00
2035	1	1	19.57	27.04	19.57	12.29	1.00	1.00
2036	1	1	20.40	28.26	20.40	12.55	1.00	1.00
2037	1	1	21.11	29.22	21.11	12.70	1.00	1.00
2038	1	1	22.02	30.23	22.02	13.04	1.00	1.00
2039	1	1	22.78	31.29	22.78	13.32	1.00	1.00
2040	1	1	23.59	32.02	23.59	13.44	1.00	1.00
2041	1	1	24.54	33.28	24.54	13.75	1.00	1.00
2042	1	1	25.50	34.66	25.50	14.10	1.00	1.00
2043	1	1	26.74	36.49	26.74	14.40	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* 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.

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	402.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	536.96 KW
(3) KW LINE LOSS PERCENTAGE	8.66 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	3,782,554.06 KWH
(5) KWH LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 KWH

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.70728
(5) K FACTOR FOR T & D	1.63254

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	2.89 %
(11) UTILITY AFUDC RATE	8.45 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2009
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2013-2019
(4) BASE YEAR AVOIDED GENERATING COST	725.39 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST	0.00 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	97.65 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	0.00 \$/KW
(11) DISTRIBUTION FIXED O & M COST	0.00 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.106 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	0% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	\$23 CENTS PER KWH** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.70 %**

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	*** %

1 CALCULATION OF GENK-FACTOR
 2 PROGRAM METHOD SELECTED REV_REQ
 3 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	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 FW FIXED CHARGES \$'(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$'(000)
2019	586	18	0	41	27	10	3	23	0	122	122	122	572
2020	563	17	0	39	19	9	4	23	7	119	109	231	516
2021	533	17	0	37	18	9	4	23	6	114	96	328	601
2022	504	16	0	35	18	9	4	23	5	109	85	412	616
2023	476	15	0	33	18	8	4	23	4	105	75	487	631
2024	448	14	0	31	18	8	4	23	3	101	66	553	647
2025	422	13	0	29	17	7	4	23	2	97	58	611	663
2026	397	12	0	28	17	7	4	23	2	93	51	662	680
2027	372	12	0	26	16	7	4	23	2	89	45	707	697
2028	348	11	0	24	15	6	4	23	2	85	40	747	714
2029	323	10	0	23	14	6	4	23	2	81	35	781	732
2030	299	9	0	21	13	5	5	23	2	77	30	812	750
2031	275	9	0	19	12	5	5	23	2	74	26	838	768
2032	250	8	0	17	11	5	5	23	2	70	23	861	788
2033	226	7	0	16	10	4	5	23	2	66	20	881	808
2034	201	6	0	14	9	4	5	23	2	62	17	899	828
2035	177	5	0	12	8	3	5	23	2	58	15	914	849
2036	152	5	0	11	6	3	5	23	2	54	13	926	870
2037	128	4	0	9	5	2	5	23	2	52	12	937	892
2038	104	3	0	7	4	2	6	23	2	47	9	947	914
2039	79	2	0	6	3	2	6	23	(3)	43	8	954	937
2040	59	2	0	4	12	1	6	23	(3)	40	7	961	960
2041	45	1	0	3	11	1	6	23	(3)	37	6	967	984
2042	30	1	0	2	11	0	6	23	(3)	35	5	972	1,009
2043	15	0	0	1	10	0	6	23	(3)	33	4	976	1,034

IN SERVICE COST (\$'(000))	572
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
REFEC. TAXRATE	34.57%
DISCOUNT RATE	8.9%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

SOURCE	WEIGHT	COST	%
DEBT	44%	7.03	%
P/S	0%	8.00	%
C/S	56%	12.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.70738

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(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 DEFERRED DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (7)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	21	21	23	23	21	21	0	53	0	0	0	0	(14)
2020	7.22%	40	61	23	46	21	41	7	53	0	0	0	7	(7)
2021	6.68%	37	98	23	69	21	62	6	53	0	0	0	6	(1)
2022	6.18%	34	132	23	91	21	83	5	53	0	0	0	5	5
2023	5.71%	32	164	23	114	21	104	4	53	0	0	0	4	9
2024	5.29%	29	194	23	137	21	124	3	53	0	0	0	3	12
2025	4.89%	27	221	23	160	21	145	2	53	0	0	0	2	15
2026	4.52%	25	246	23	183	21	166	2	53	0	0	0	2	16
2027	4.46%	25	271	23	206	21	187	2	53	0	0	0	2	18
2028	4.46%	25	296	23	229	21	207	2	53	0	0	0	2	20
2029	4.46%	25	320	23	252	21	228	2	53	0	0	0	2	21
2030	4.46%	25	345	23	274	21	249	2	53	0	0	0	2	23
2031	4.46%	25	370	23	297	21	270	2	53	0	0	0	2	24
2032	4.46%	25	395	23	320	21	290	2	53	0	0	0	2	26
2033	4.46%	25	420	23	343	21	311	2	53	0	0	0	2	27
2034	4.46%	25	444	23	366	21	332	2	53	0	0	0	2	28
2035	4.46%	25	469	23	389	21	352	2	53	0	0	0	2	31
2036	4.46%	25	494	23	412	21	373	2	53	0	0	0	2	32
2037	4.46%	25	519	23	434	21	394	2	53	0	0	0	2	34
2038	4.46%	25	544	23	457	21	415	2	53	0	0	0	2	35
2039	2.23%	12	556	23	480	21	435	(3)	53	0	0	0	(3)	32
2040	0.00%	0	556	23	503	21	456	(3)	53	0	0	0	(3)	24
2041	0.00%	0	556	23	526	21	477	(3)	53	0	0	0	(3)	16
2042	0.00%	0	556	23	549	21	498	(3)	53	0	0	0	(3)	8
2043	0.00%	0	556	23	572	21	518	(3)	53	0	0	0	(3)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(15)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	53
BOOK DEPR RATE - USEFUL LIFE	4.00%

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_RBQ
 3 PROGRAM NAME: ████████████████████

(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)
2019	3.75%	21	0	549	23	(14)	516	563	575
2020	7.22%	40	7	526	46	(7)	563	533	548
2021	6.68%	37	6	509	69	(1)	533	504	518
2022	6.18%	34	5	480	91	5	504	476	490
2023	5.71%	32	4	457	114	9	476	448	462
2024	5.29%	29	3	434	137	12	448	422	435
2025	4.89%	27	2	412	160	15	422	397	410
2026	4.52%	25	2	389	183	16	397	372	385
2027	4.46%	25	2	366	206	18	372	348	360
2028	4.46%	25	2	343	229	20	348	323	336
2029	4.46%	25	2	320	252	21	323	299	311
2030	4.46%	25	2	297	274	23	299	275	287
2031	4.46%	25	2	274	297	24	275	250	262
2032	4.46%	25	2	252	320	26	250	226	238
2033	4.46%	25	2	229	343	27	226	201	214
2034	4.46%	25	2	206	366	29	201	177	189
2035	4.46%	25	2	183	389	31	177	152	165
2036	4.46%	25	2	160	412	32	152	128	140
2037	4.46%	25	2	137	434	34	128	104	116
2038	4.46%	25	2	114	457	35	104	79	91
2039	2.23%	12	(3)	91	480	32	79	59	69
2040	0.00%	0	(5)	69	503	24	59	45	52
2041	0.00%	0	(8)	46	526	16	45	30	37
2042	0.00%	0	(8)	23	549	8	30	15	22
2043	0.00%	0	(8)	0	572	0	15	0	7

* 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)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	3.00%	1.030	0.00%	0.00	0.00
2011	-8	3.00%	1.061	0.00%	0.00	0.00
2012	-7	3.00%	1.093	0.00%	0.00	0.00
2013	-6	3.00%	1.126	0.15%	1.24	0.62
2014	-5	3.00%	1.159	1.90%	15.99	9.24
2015	-4	3.00%	1.194	4.57%	39.61	37.93
2016	-3	3.00%	1.230	37.20%	331.87	222.77
2017	-2	3.00%	1.267	45.74%	420.27	598.84
2018	-1	3.00%	1.305	10.44%	98.79	858.33

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) 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)
2009	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-6	0.62	0.02	0.02	0.05	0.05	0.04	0.04	(0.01)	(0.01)	1.29	1.29
2014	-5	9.29	0.29	0.30	0.79	0.84	0.65	0.70	(0.14)	(0.15)	16.78	18.07
2015	-4	37.87	1.18	1.49	3.22	4.06	2.65	3.35	(0.57)	(0.72)	42.83	60.90
2016	-3	226.84	7.07	8.56	19.29	23.36	15.90	19.25	(3.41)	(4.13)	351.16	412.06
2017	-2	622.20	19.46	28.01	53.10	76.45	43.47	62.72	(9.26)	(13.39)	478.37	885.43
2018	-1	934.83	29.46	57.47	80.39	156.84	64.78	127.50	(13.63)	(27.02)	179.18	1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,389,025
AFUDC RATE	8.48%

	57.47	156.84	127.50	(27.02)	1,064.61
	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS		
CONSTRUCTION CASH	487	487	487		
EQUITY AFUDC	53				
DEBT AFUDC	31	31			
CPI			68		
TOTAL	572	518	555		

* Columns not specified in workbook

1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: ██████████

(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 KVA EFFECTIVENESS FACTOR
2009	0	0	6.79	9.17	6.79	0.00	1.00	1.00
2010	1	1	6.41	16.51	6.41	0.00	1.00	1.00
2011	1	1	6.35	10.38	6.35	0.00	1.00	1.00
2012	1	1	6.43	13.34	6.43	0.00	1.00	1.00
2013	1	1	7.06	9.99	7.06	0.00	1.00	1.00
2014	1	1	7.53	10.61	7.53	0.00	1.00	1.00
2015	1	1	8.11	13.20	8.11	0.00	1.00	1.00
2016	1	1	9.00	13.90	9.00	0.00	1.00	1.00
2017	1	1	9.75	15.09	9.75	0.00	1.00	1.00
2018	1	1	10.52	15.46	10.52	0.00	1.00	1.00
2019	1	1	11.50	21.44	11.50	10.41	1.00	1.00
2020	1	1	12.08	20.17	12.08	10.50	1.00	1.00
2021	1	1	12.57	21.76	12.57	10.74	1.00	1.00
2022	1	1	13.06	20.91	13.06	10.81	1.00	1.00
2023	1	1	13.39	22.19	13.39	10.84	1.00	1.00
2024	1	1	13.95	22.20	13.95	10.84	1.00	1.00
2025	1	1	14.40	22.41	14.40	10.96	1.00	1.00
2026	1	1	14.70	22.41	14.70	11.05	1.00	1.00
2027	1	1	15.13	23.03	15.13	11.17	1.00	1.00
2028	1	1	15.60	23.70	15.60	11.36	1.00	1.00
2029	1	1	16.02	23.95	16.02	11.41	1.00	1.00
2030	1	1	16.52	23.78	16.52	11.59	1.00	1.00
2031	1	1	17.08	24.53	17.08	11.80	1.00	1.00
2032	1	1	17.50	24.55	17.50	11.88	1.00	1.00
2033	1	1	18.27	25.51	18.27	12.10	1.00	1.00
2034	1	1	18.79	25.89	18.73	12.14	1.00	1.00
2035	1	1	19.57	27.04	19.57	12.29	1.00	1.00
2036	1	1	20.40	28.26	20.40	12.55	1.00	1.00
2037	1	1	21.11	29.22	21.11	12.70	1.00	1.00
2038	1	1	22.02	30.23	22.02	13.04	1.00	1.00
2039	1	1	22.78	31.29	22.78	13.32	1.00	1.00
2040	1	1	23.59	32.02	23.59	13.44	1.00	1.00
2041	1	1	24.54	33.28	24.54	13.75	1.00	1.00
2042	1	1	25.50	34.66	25.50	14.10	1.00	1.00
2043	1	1	26.74	36.49	26.74	14.40	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* 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.

Docket No. 110002-EG
Florida Power & Light Co.
Exhibit AS-1
Schedule CT-6
Page 65 of 91

1 AVOIDED GENERATING BENEFITS
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	122	67	3	171	216	147
2020	119	69	4	252	307	137
2021	114	71	4	263	320	131
2022	109	72	5	278	334	130
2023	105	74	5	292	344	133
2024	101	76	5	309	357	134
2025	97	78	5	330	376	134
2026	93	80	6	353	396	135
2027	89	82	6	372	413	136
2028	85	84	6	382	422	135
2029	81	86	7	398	433	139
2030	77	88	7	417	451	139
2031	74	90	7	425	459	138
2032	70	93	7	440	468	142
2033	66	95	8	485	512	142
2034	62	97	9	504	524	144
2035	58	100	9	516	532	151
2036	54	102	9	531	541	149
2037	51	105	9	543	556	152
2038	47	107	10	557	573	148
2039	43	110	10	568	586	145
2040	40	113	10	582	599	152
2041	37	116	10	594	607	150
2042	35	118	11	608	624	148
2043	33	121	11	623	640	148
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
NOM	1,862	2,293	183	10,796	11,591	3,543
NPV	417	381	28	1,632	1,328	630

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	351	0
2011	0	0	0	0	0	0	424	0
2012	0	0	0	0	0	0	558	0
2013	0	0	0	0	0	0	401	0
2014	0	0	0	0	0	0	425	0
2015	0	0	0	0	0	0	539	0
2016	0	0	0	0	0	0	564	0
2017	0	0	0	0	0	0	612	0
2018	0	0	0	0	0	0	623	0
2019	0	0	0	0	0	0	888	0
2020	0	0	0	0	0	0	826	0
2021	0	0	0	0	0	0	894	0
2022	0	0	0	0	0	0	977	0
2023	0	0	0	0	0	0	849	0
2024	0	0	0	0	0	0	903	0
2025	0	0	0	0	0	0	909	0
2026	0	0	0	0	0	0	917	0
2027	0	0	0	0	0	0	953	0
2028	0	0	0	0	0	0	959	0
2029	0	0	0	0	0	0	922	0
2030	0	0	0	0	0	0	956	0
2031	0	0	0	0	0	0	986	0
2032	0	0	0	0	0	0	983	0
2033	0	0	0	0	0	0	1,021	0
2034	0	0	0	0	0	0	1,035	0
2035	0	0	0	0	0	0	1,081	0
2036	0	0	0	0	0	0	1,130	0
2037	0	0	0	0	0	0	1,168	0
2038	0	0	0	0	0	0	1,207	0
2039	0	0	0	0	0	0	1,249	0
2040	0	0	0	0	0	0	1,276	0
2041	0	0	0	0	0	0	1,327	0
2042	0	0	0	0	0	0	1,382	0
2043	0	0	0	0	0	0	1,456	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
NOM.	0	0	0	0	0	0	30,712	0
NPV	0	0	0	0	0	0	7,335	0

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

1 PARTICIPANT COSTS AND BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2009	0	0	0	0	0	0	0	0	0	0	0
2010	127	0	83	0	210	2,768	0	0	2,768	(2,558)	(2,558)
2011	258	0	0	0	258	0	0	0	0	258	(2,131)
2012	265	0	0	0	265	0	0	0	0	265	(1,926)
2013	284	0	0	0	284	0	0	0	0	284	(1,724)
2014	305	0	0	0	305	0	0	0	0	305	(1,525)
2015	323	0	0	0	323	0	0	0	0	323	(1,331)
2016	340	0	0	0	340	0	0	0	0	340	(1,143)
2017	357	0	0	0	357	0	0	0	0	357	(963)
2018	366	0	0	0	366	0	0	0	0	366	(792)
2019	382	0	0	0	382	0	0	0	0	382	(629)
2020	382	0	0	0	382	0	0	0	0	382	(480)
2021	392	0	0	0	392	0	0	0	0	392	(338)
2022	411	0	0	0	411	0	0	0	0	411	(203)
2023	428	0	0	0	428	0	0	0	0	428	(73)
2024	454	0	0	0	454	0	0	0	0	454	54
2025	477	0	83	0	560	4,008	0	0	4,008	(3,448)	(829)
2026	502	0	0	0	502	0	0	0	0	502	(711)
2027	526	0	0	0	526	0	0	0	0	526	(595)
2028	564	0	0	0	564	0	0	0	0	564	(483)
2029	597	0	0	0	597	0	0	0	0	597	(375)
2030	634	0	0	0	634	0	0	0	0	634	(269)
2031	671	0	0	0	671	0	0	0	0	671	(165)
2032	719	0	0	0	719	0	0	0	0	719	(60)
2033	796	0	0	0	796	0	0	0	0	796	39
2034	812	0	0	0	812	0	0	0	0	812	136
2035	856	0	0	0	856	0	0	0	0	856	229
2036	930	0	0	-0	930	0	0	0	0	930	323
2037	986	0	0	0	986	0	0	0	0	986	414
2038	1,038	0	0	0	1,038	0	0	0	0	1,038	502
2039	1,095	0	0	0	1,095	0	0	0	0	1,095	587
2040	1,155	0	83	0	1,238	5,805	0	0	5,805	(4,567)	261
2041	1,227	0	0	0	1,227	0	0	0	0	1,227	341
2042	1,304	0	0	0	1,304	0	0	0	0	1,304	420
2043	1,386	0	0	0	1,386	0	0	0	0	1,386	496
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
NOM	21,359	0	248	0	21,608	12,581	0	0	12,581	9,027	
NPV	4,376	0	105	0	4,479	3,983	0	0	3,983	496	

In Service of Gen Units
Discount Rate:
Benefit/Cost Ratio (Col(5) / Col(10))

2019
8.89 %
1.12

1 RATE IMPACT TEST
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) INCENTIVES \$(000)	(5) REVENUE LOSSES \$(000)	(6) OTHER COSTS \$(000)	(7) TOTAL COSTS \$(000)	(8) AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	(9) AVOIDED T&D BENEFITS \$(000)	(10) REVENUE GAINS \$(000)	(11) OTHER BENEFITS \$(000)	(12) TOTAL BENEFITS \$(000)	(13) NET BENEFITS \$(000)	(14) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2009	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	110	0	110	351	0	0	0	351	159	146
2011	0	0	0	223	0	223	424	0	0	2	426	212	325
2012	0	0	0	229	0	229	558	0	0	9	567	338	587
2013	0	0	0	245	0	245	401	0	0	36	437	192	725
2014	0	0	0	263	0	263	539	0	0	39	578	201	926
2015	0	0	0	279	0	279	564	0	0	47	611	307	1,233
2016	0	0	0	293	0	293	612	0	0	51	663	322	1,555
2017	0	0	0	315	0	315	623	0	0	58	681	363	1,918
2018	0	0	0	328	0	328	1,035	0	0	60	1,095	369	2,287
2019	0	0	0	327	0	327	962	0	0	63	1,025	770	3,057
2020	0	0	0	336	0	336	1,025	0	0	66	1,091	770	3,827
2021	0	0	0	351	0	351	1,107	0	0	70	1,177	701	4,528
2022	0	0	0	365	0	365	982	0	0	79	1,061	835	5,263
2023	0	0	0	387	0	387	1,037	0	0	78	1,115	694	6,057
2024	0	0	0	406	0	406	1,034	0	0	85	1,119	737	6,794
2025	0	0	0	426	0	426	1,042	0	0	92	1,134	634	7,428
2026	0	0	0	455	0	455	1,049	0	0	90	1,139	706	8,034
2027	0	0	0	478	0	478	1,094	0	0	96	1,190	709	8,623
2028	0	0	0	506	0	506	1,061	0	0	102	1,163	718	9,191
2029	0	0	0	537	0	537	1,094	0	0	118	1,212	673	9,764
2030	0	0	0	568	0	568	1,124	0	0	125	1,249	682	10,242
2031	0	0	0	608	0	608	1,125	0	0	135	1,260	691	10,633
2032	0	0	0	671	0	671	1,163	0	0	141	1,304	659	10,984
2033	0	0	0	685	0	685	1,183	0	0	150	1,333	642	11,226
2034	0	0	0	721	0	721	1,231	0	0	150	1,381	649	11,475
2035	0	0	0	783	0	783	1,279	0	0	169	1,448	679	11,644
2036	0	0	0	839	0	839	1,320	0	0	181	1,501	677	11,721
2037	0	0	0	873	0	873	1,355	0	0	194	1,549	685	11,766
2038	0	0	0	920	0	920	1,395	0	0	204	1,599	687	11,783
2039	0	0	0	970	0	970	1,428	0	0	218	1,646	693	11,783
2040	0	0	0	1,030	0	1,030	1,477	0	0	227	1,704	674	11,757
2041	0	0	0	1,094	0	1,094	1,530	0	0	249	1,779	685	11,672
2042	0	0	0	1,162	0	1,162	1,604	0	0	273	1,877	716	11,556
2043	0	0	0	0	0	0	0	0	0	0	0	0	11,556
NOM.	0	0	0	0	0	0	0	0	0	0	0	0	0
NPV	0	0	0	11,078	0	11,078	34,134	0	0	3,882	38,136	19,799	4,845
				3,733	0	3,733	7,995	0	0	690	8,684	4,845	

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

0.39 %
 1.26

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	1,824.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	2,436.37 KW
(3) KW LINE LOSS PERCENTAGE	8.66 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	6,988,236.18 KWh
(5) KWH LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.50 KWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.70738
(5) K FACTOR FOR T & D	1.63254

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 RATE	*** %**
(10) UTILITY DISCOUNT RATE	8.89 %
(11) UTILITY AFUDC RATE	8.48 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE 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

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2009
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2012-2019
(4) BASE YEAR AVOIDED GENERATING COST	725.39 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	185.52 \$/KW
(6) BASE YEAR DISTRIBUTION COST	28.64 \$/KW
(7) GEN. TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	97.66 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	2.82 \$/KW
(11) DISTRIBUTION FIXED O & M COST	1.01 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.10¢ CENTS/KWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	0% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	8.25 CENTS PER KWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.70 %**

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	*** %

1 *INPUT DATA -- PART 1 CONTINUED
2 PROGRAM/METHOD SELECTED; REV. REQ
3 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)
2009	0	0	0	0	0	0	0	0	0	
2010	1	376	0	376	188	107	3,461	0	3,461	
2011	0	0	0	0	380	224	0	0	0	
2012	0	0	0	0	393	239	0	0	0	
2013	0	0	0	0	420	248	0	0	0	
2014	0	0	0	0	430	262	0	0	0	
2015	0	0	0	0	476	276	0	0	0	
2016	0	0	0	0	502	277	0	0	0	
2017	0	0	0	0	525	289	0	0	0	
2018	0	0	0	0	541	289	0	0	0	
2019	0	0	0	0	571	283	0	0	0	
2020	0	0	0	0	575	276	0	0	0	
2021	1	376	0	376	596	271	4,541	0	4,541	
2022	0	0	0	0	626	268	0	0	0	
2023	0	0	0	0	653	270	0	0	0	
2024	0	0	0	0	684	273	0	0	0	
2025	0	0	0	0	735	264	0	0	0	
2026	0	0	0	0	775	265	0	0	0	
2027	0	0	0	0	831	267	0	0	0	
2028	0	0	0	0	875	270	0	0	0	
2029	0	0	0	0	928	272	0	0	0	
2030	0	0	0	0	988	275	0	0	0	
2031	0	0	0	0	1,047	276	0	0	0	
2032	1	376	0	377	1,123	282	5,959	0	5,959	
2033	0	0	0	0	1,245	292	0	0	0	
2034	0	0	0	0	1,270	296	0	0	0	
2035	0	0	0	0	1,341	290	0	0	0	
2036	0	0	0	0	1,459	295	0	0	0	
2037	0	0	0	0	1,549	302	0	0	0	
2038	0	0	0	0	1,632	303	0	0	0	
2039	0	0	0	0	1,723	304	0	0	0	
2040	0	0	0	0	1,820	305	0	0	0	
2041	0	0	0	0	1,935	307	0	0	0	
2042	0	0	0	0	2,058	308	0	0	0	
2043	1	376	0	377	2,189	310	7,818	0	7,818	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
NOM	3	1,503	0	1,506	33,113	9,335	21,779	0	21,779	
NPV	1	554	0	555	6,651	2,780	6,087	0	6,087	

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

1 CALCULATION OF GENK FACTOR
 2 PROGRAM METHOD SELECTED REV_REQ
 3 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	REG-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)
2019	2,660	83	0	186	122	45	16	104	0	535	555	555	2,594
2020	2,556	79	0	178	84	43	16	104	34	539	495	1,050	2,639
2021	2,418	75	0	169	83	41	17	104	29	517	436	1,486	2,725
2022	2,286	71	0	160	82	39	17	104	24	497	385	1,871	2,793
2023	2,158	67	0	151	81	37	17	104	19	477	339	2,210	2,863
2024	2,035	63	0	142	80	35	18	104	15	458	299	2,509	2,935
2025	1,916	60	0	134	79	34	18	104	11	439	263	2,773	3,008
2026	1,801	56	0	126	77	32	19	104	8	421	232	3,005	3,083
2027	1,689	52	0	118	75	30	19	104	7	403	204	3,209	3,160
2028	1,579	49	0	110	68	28	20	104	7	386	179	3,388	3,239
2029	1,468	46	0	102	63	26	20	104	7	369	157	3,546	3,320
2030	1,357	42	0	95	58	24	21	104	7	351	138	3,683	3,403
2031	1,246	39	0	87	54	22	21	104	7	334	120	3,803	3,488
2032	1,135	35	0	79	49	21	22	104	7	316	105	3,908	3,576
2033	1,024	32	0	71	44	19	22	104	7	299	91	3,999	3,663
2034	913	28	0	64	39	17	23	104	7	282	79	4,077	3,757
2035	803	25	0	56	34	15	23	104	7	264	68	4,145	3,850
2036	692	21	0	48	29	13	24	104	7	247	58	4,203	3,947
2037	581	18	0	41	24	11	25	104	7	230	50	4,253	4,045
2038	470	15	0	33	20	9	25	104	7	212	42	4,295	4,147
2039	359	11	0	25	16	7	26	104	(15)	195	36	4,330	4,250
2040	270	8	0	19	12	6	27	104	(30)	181	30	4,361	4,356
2041	202	6	0	14	9	4	27	104	(36)	170	26	4,387	4,463
2042	135	4	0	9	6	2	28	104	(36)	159	22	4,409	4,577
2043	67	2	0	5	4	0	29	104	(36)	148	19	4,429	4,691

IN SERVICE COST (\$000)	2,594
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
EFFIC. TAXRATE	38.57%
DISCOUNT RATE	8.5%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	44%	7.03%
P/S	0%	0.00%
C/S	56%	12.50%

K-FACTOR = CPWFC / IN-SVC COST = 1.78738

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: ██████████

(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 LLIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	1.75%	95	95	104	104	94	94	0	242	0	0	0	0	(66)
2020	7.22%	182	277	104	208	94	188	34	242	0	0	0	34	(32)
2021	6.08%	168	445	104	311	94	282	29	242	0	0	0	29	(3)
2022	6.18%	156	601	104	415	94	376	24	242	0	0	0	24	21
2023	5.71%	144	745	104	519	94	470	19	242	0	0	0	19	40
2024	5.23%	133	878	104	623	94	564	15	242	0	0	0	15	55
2025	4.89%	123	1,002	104	726	94	658	11	242	0	0	0	11	67
2026	4.52%	114	1,116	104	830	94	753	8	242	0	0	0	8	74
2027	4.46%	113	1,228	104	934	94	847	7	242	0	0	0	7	81
2028	4.46%	113	1,341	104	1,038	94	941	7	242	0	0	0	7	89
2029	4.46%	113	1,453	104	1,141	94	1,035	7	242	0	0	0	7	96
2030	4.46%	113	1,566	104	1,245	94	1,129	7	242	0	0	0	7	103
2031	4.46%	113	1,678	104	1,349	94	1,223	7	242	0	0	0	7	110
2032	4.46%	113	1,791	104	1,453	94	1,317	7	242	0	0	0	7	117
2033	4.46%	113	1,903	104	1,556	94	1,411	7	242	0	0	0	7	124
2034	4.46%	113	2,016	104	1,660	94	1,505	7	242	0	0	0	7	131
2035	4.46%	113	2,129	104	1,764	94	1,599	7	242	0	0	0	7	138
2036	4.46%	113	2,241	104	1,868	94	1,693	7	242	0	0	0	7	146
2037	4.46%	113	2,354	104	1,971	94	1,787	7	242	0	0	0	7	153
2038	4.46%	113	2,466	104	2,075	94	1,881	7	242	0	0	0	7	160
2039	2.23%	56	2,522	104	2,179	94	1,975	(15)	242	0	0	0	(15)	145
2040	0.00%	0	2,522	104	2,283	94	2,069	(36)	242	0	0	0	(36)	109
2041	0.00%	0	2,522	104	2,386	94	2,164	(36)	242	0	0	0	(36)	73
2042	0.00%	0	2,522	104	2,490	94	2,258	(36)	242	0	0	0	(36)	36
2043	0.00%	0	2,522	104	2,594	94	2,352	(36)	242	0	0	0	(36)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(66)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	242
BOOK DEPR. RATE - USEFUL LIFE	4.00%

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM/METHOD SELECTED: REV. REQ.
 3 PROGRAM NAME: ██████████

(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)
2019	3.75%	35	0	2,490	104	(66)	2,600	2,536	2,608
2020	7.22%	182	34	2,386	208	(32)	2,556	2,418	2,487
2021	6.68%	168	29	2,283	311	(3)	2,418	2,286	2,352
2022	6.18%	156	24	2,179	415	21	2,286	2,158	2,222
2023	5.71%	144	19	2,075	519	40	2,158	2,035	2,096
2024	5.29%	133	15	1,971	623	55	2,035	1,916	1,975
2025	4.89%	123	11	1,868	726	67	1,916	1,801	1,858
2026	4.52%	114	8	1,764	830	74	1,801	1,689	1,745
2027	4.16%	113	7	1,660	934	81	1,689	1,579	1,634
2028	4.16%	113	7	1,556	1,038	89	1,579	1,468	1,523
2029	4.16%	113	7	1,453	1,141	96	1,468	1,357	1,412
2030	4.16%	113	7	1,349	1,245	103	1,357	1,246	1,301
2031	4.16%	113	7	1,245	1,349	110	1,246	1,135	1,191
2032	4.16%	113	7	1,141	1,453	117	1,135	1,024	1,080
2033	4.16%	113	7	1,038	1,556	124	1,024	913	969
2034	4.16%	113	7	934	1,660	131	913	803	858
2035	4.16%	113	7	830	1,764	138	803	692	747
2036	4.16%	113	7	726	1,868	146	692	581	636
2037	4.16%	113	7	623	1,971	153	581	470	525
2038	4.16%	113	7	519	2,075	160	470	359	414
2039	2.23%	56	(15)	415	2,179	167	359	270	314
2040	0.00%	0	(36)	311	2,283	109	270	202	236
2041	0.00%	0	(36)	208	2,386	73	202	135	169
2042	0.00%	0	(36)	104	2,490	36	135	67	101
2043	0.00%	0	(36)	0	2,594	0	67	0	34

* 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)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	3.00%	1.030	0.00%	0.00	0.00
2011	-8	3.00%	1.061	0.00%	0.00	0.00
2012	-7	3.00%	1.093	0.00%	0.00	0.00
2013	-6	3.00%	1.126	0.13%	1.24	0.62
2014	-5	3.00%	1.159	1.30%	15.99	9.24
2015	-4	3.00%	1.194	4.57%	39.61	37.03
2016	-3	3.00%	1.230	37.20%	331.87	222.77
2017	-2	3.00%	1.267	45.74%	420.27	598.84
2018	-1	3.00%	1.305	10.44%	98.79	658.38

100.00% 507.77

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DRBT AFUDC (\$/KW)	(8b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c)* CUMULATIVE CFI (\$/KW)	(9d)* DEFERRED TAXES (\$/KW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2009	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-6	0.62	0.02	0.02	0.05	0.05	0.04	0.04	(0.01)	(0.01)	1.29	1.29
2014	-5	9.29	0.29	0.30	0.79	0.84	0.65	0.70	(0.14)	(0.15)	16.78	18.07
2015	-4	37.87	1.18	1.49	3.22	4.06	2.65	3.35	(0.57)	(0.72)	42.83	60.90
2016	-3	226.84	7.07	8.56	19.29	23.36	15.90	19.25	(3.41)	(4.13)	351.16	412.06
2017	-2	622.20	19.46	28.01	53.10	76.45	43.47	62.72	(9.26)	(13.39)	473.37	885.43
2018	-1	934.83	29.46	37.47	80.39	156.84	64.78	127.50	(13.63)	(27.02)	179.18	1,064.61

37.47

156.84

127.50

(27.02)

1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,389,895.5
AFUDC RATE	8.48%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	2,212	2,212	2,212
EQUITY AFUDC	242		
DEBT AFUDC	140	140	
CFI			311
TOTAL	2,594	2,352	2,522

* Columns not specified in workbook

1 INPUT DATA—PART 2
2 PROGRAM METHOD SELECTED: REV REQ
3 PROGRAM NAME: ████████████████████

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C&W)	(5) AVOIDED MARGINAL FUEL COST (C&W)	(6)* INCREASED MARGINAL FUEL COST (C&W)	(7) REPLACEMENT FUEL COST (C&W)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KW EFFECTIVENESS FACTOR
2009	0	0	6.79	9.17	6.79	0.00	1.00	1.00
2010	1	1	6.41	16.51	6.41	0.00	1.00	1.00
2011	1	1	6.35	10.38	6.35	0.00	1.00	1.00
2012	1	1	6.43	13.34	6.43	0.00	1.00	1.00
2013	1	1	7.06	9.99	7.06	0.00	1.00	1.00
2014	1	1	7.53	18.61	7.53	0.00	1.00	1.00
2015	1	1	8.11	13.20	8.11	0.00	1.00	1.00
2016	1	1	9.00	11.90	9.00	0.00	1.00	1.00
2017	1	1	9.75	15.09	9.75	0.00	1.00	1.00
2018	1	1	10.52	15.46	10.52	0.00	1.00	1.00
2019	1	1	11.50	21.44	11.50	10.41	1.00	1.00
2020	1	1	12.08	20.17	12.08	10.50	1.00	1.00
2021	1	1	12.57	21.76	12.57	10.74	1.00	1.00
2022	1	1	13.06	23.66	13.06	10.81	1.00	1.00
2023	1	1	13.39	20.91	13.39	10.80	1.00	1.00
2024	1	1	13.95	22.19	13.95	10.84	1.00	1.00
2025	1	1	14.40	22.20	14.40	10.96	1.00	1.00
2026	1	1	14.70	22.41	14.70	11.05	1.00	1.00
2027	1	1	15.13	23.85	15.13	11.17	1.00	1.00
2028	1	1	15.60	23.70	15.60	11.36	1.00	1.00
2029	1	1	16.02	22.95	16.02	11.41	1.00	1.00
2030	1	1	16.52	23.78	16.52	11.59	1.00	1.00
2031	1	1	17.08	24.53	17.08	11.80	1.00	1.00
2032	1	1	17.50	24.45	17.50	11.88	1.00	1.00
2033	1	1	18.27	25.51	18.27	12.10	1.00	1.00
2034	1	1	18.73	25.89	18.73	12.14	1.00	1.00
2035	1	1	19.37	27.04	19.37	12.29	1.00	1.00
2036	1	1	20.40	28.26	20.40	12.55	1.00	1.00
2037	1	1	21.11	29.72	21.11	12.70	1.00	1.00
2038	1	1	22.02	30.73	22.02	13.04	1.00	1.00
2039	1	1	22.78	31.29	22.78	13.32	1.00	1.00
2040	1	1	23.59	32.02	23.59	13.44	1.00	1.00
2041	1	1	24.54	33.28	24.54	13.75	1.00	1.00
2042	1	1	25.50	34.66	25.50	14.10	1.00	1.00
2043	1	1	26.74	36.49	26.74	14.40	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* 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 AVOIDED GENERATING BENEFITS
 2 PROGRAM/METHOD SELECTED: REV_RHQ
 3 PROGRAMNAME: ██████████

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)
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	555	305	13	776	981	567
2020	539	312	19	1,143	1,392	620
2021	517	320	19	1,192	1,454	595
2022	497	328	21	1,262	1,516	591
2023	477	336	22	1,327	1,579	602
2024	458	345	23	1,401	1,618	609
2025	439	353	25	1,477	1,707	608
2026	421	362	26	1,600	1,758	612
2027	403	371	28	1,689	1,875	617
2028	386	380	29	1,734	1,915	614
2029	369	390	30	1,807	1,966	630
2030	351	400	32	1,892	2,044	630
2031	334	410	32	1,910	2,081	625
2032	316	420	34	1,999	2,124	643
2033	299	430	37	2,109	2,323	643
2034	282	441	39	2,229	2,378	673
2035	264	452	40	2,341	2,414	683
2036	247	463	41	2,411	2,486	677
2037	230	475	42	2,466	2,522	691
2038	212	487	43	2,527	2,599	672
2039	195	499	45	2,579	2,638	660
2040	181	512	46	2,639	2,689	688
2041	170	524	47	2,697	2,756	682
2042	159	537	48	2,758	2,833	670
2043	148	551	50	2,829	2,906	672
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NCH	8,450	10,403	829	48,984	52,593	16,073
NPV	1,890	1,727	125	7,497	8,339	2,901

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
2 PROGRAM METHOD SELECTED; REV_REQ
3 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)
2008	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	649	0
2011	91	7	98	8	2	10	783	0
2012	88	7	96	7	2	9	1,031	0
2013	85	8	93	7	2	9	740	0
2014	82	8	91	7	2	9	785	0
2015	79	8	87	7	2	9	595	0
2016	77	8	85	6	2	9	1,042	0
2017	74	8	82	6	2	8	1,131	0
2018	71	9	80	6	2	8	1,151	0
2019	69	9	78	6	2	8	1,640	0
2020	66	9	75	6	2	8	1,525	0
2021	64	9	73	5	2	8	1,652	0
2022	61	9	71	5	3	8	1,805	0
2023	59	10	68	5	3	7	1,569	0
2024	56	10	66	5	3	7	1,669	0
2025	54	10	64	4	3	7	1,663	0
2026	51	10	62	4	3	7	1,676	0
2027	49	11	59	4	3	7	1,724	0
2028	46	11	57	4	3	7	1,772	0
2029	44	11	55	4	3	7	1,703	0
2030	41	12	53	3	3	7	1,765	0
2031	39	12	51	3	3	6	1,821	0
2032	37	12	50	3	3	6	1,817	0
2033	36	12	49	3	3	6	1,886	0
2034	35	13	48	3	3	6	1,912	0
2035	34	13	47	3	3	6	1,996	0
2036	32	13	46	3	4	6	2,087	0
2037	31	14	45	3	4	6	2,158	0
2038	30	14	44	2	4	6	2,230	0
2039	28	14	43	2	4	6	2,308	0
2040	27	15	42	2	4	6	2,358	0
2041	26	15	41	2	4	6	2,451	0
2042	25	16	40	2	4	6	2,553	0
2043	23	16	39	2	4	6	2,690	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
NOM	1,712	363	2,075	143	97	240	56,739	0
NPV	654	90	743	54	24	78	13,589	0

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

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Building Envelope Program

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install eligible building envelope measures.

Program Accomplishments for January through December 2010: During this period total reduction was 6,955.1 kW at the generator. The estimate for the period was 7,200.6 kW at the generator.

Program Expenditures for January through December 2010: Total expenditures were \$5,920,811 or \$175,064 less than projected. This program is deemed on target with a three percent variance.

Program Progress Summary: Total reduction is 87,146.7 kW at the generator from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Water Heating

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install high-efficiency water heating systems.

Program Accomplishments for January through December 2010: During this period total reduction was 27.3 kW at the generator. The estimate for the period was 59.3 kW at the generator.

Program Expenditures for January through December 2010: Total expenditures were \$21,395 or \$25,779 less than projected. The variance of 55% is due to fewer installations than projected.

Program Progress Summary: Total reduction is 207.4 kW at the generator from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Business Refrigeration Program

Program Description: This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install high-efficiency refrigeration systems.

Program Accomplishments for January through December 2010: During this period total reduction was 43.9 kW at the generator. The estimate for the period was 308.5 kW at the generator.

Program Expenditures for January through December 2010: Total expenditures were \$21,484 or \$24,145 less than projected. The variance of 53% is to due to fewer installations than projected.

Program Progress Summary: Total reduction is 589.6 kW at the generator from program inception through December 2010.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Conservation Research & Development Program

Program Description: This program is designed to identify new energy efficient technologies, evaluate and quantify their impacts on energy, demand and customers and where appropriate develop emerging technologies into DSM programs.

Program Accomplishments for January through December 2010: This period included the continuation of technology assessment of products/concepts for potential DSM opportunities. (See supplement for current concepts).

Program Expenditures for January through December 2010: Total expenditures were \$557,881 or \$19,731 more than projected. This program is deemed on target with a less than four percent variance.

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

**Supplement to Schedule CT-6
Conservation Research & Development (CRD) Activities**

Efficient Pool Pumps:

This was a field test performed by the University of Miami on behalf of FPL to verify the performance of three types of energy-saving swimming pool pumps. The three pump types were: (1) two-speed; (2) variable-speed; and (3) solar-powered direct current (DC) pumps. Since State legislation, effective July 2011, will require two-speeds for pool pumps of one horsepower or more, this research is important in order to quantify the incremental benefits of upgrading to even more efficient variable-speed pumps over the two-speed type. Given that there are approximately 750,000 swimming pools at the homes of FPL customers, this represents a large potential market. Analysis of the twelve months of field data collection showed a variable-speed pump saves substantially more energy than a two-speed pump. FPL will further evaluate the cost effectiveness for these pool pump options.

Hotel Occupancy Sensors:

This was a field test performed by the Florida Solar Energy Center (FSEC) on behalf of FPL to verify the demand and energy savings of occupancy sensors for hotel/motel air conditioners. The technology could have the potential to provide significant aggregate energy savings and peak reduction from unoccupied rooms given Florida's large hotel/motel sector. But, savings for this extremely weather sensitive electrical load had to be developed specific to Florida's climate conditions. Data collection at the test site, a Best Western hotel with 56 rooms in central Florida, was completed September 30, 2009. The final report, which was delivered to FPL in 2010, showed strong cause for further evaluation of this type of control.

Residential SEER 21 Variable Capacity Heat Pump HVAC:

This was a laboratory test performed by the Florida Solar Energy Center (FSEC) co-funded by FPL and the U.S. Department of Energy (DOE). The study evaluated the performance of this variable capacity, 3-ton advanced residential HVAC unit in the hot, humid climate of FPL's territory. This particular type of HVAC varies the speed of the compressor and both fans so the compressor can operate all the way down to 40% of rated capacity during much of the time. At the slowest speed, the HVAC unit only uses slightly over 700 watts which is equivalent to about one-third of the power at full speed.

A research report was completed in December, 2010 which showed the unit exceeded the expected energy savings for a SEER 21 HVAC. The same manufacturer has some models with SEER ratings as high as 24. Jointly funding this project with the DOE provided a 3:1 leveraging of CRD research dollars thereby increasing the effectiveness of FPL's Conservation R&D expenditures.

**Supplement to Schedule CT-6
Conservation Research & Development (CRD) Activities**

Commercial Hybrid Desiccant Dehumidification:

In 2010, FPL funded supplemental lab tests by the Electric Power Research Institute (EPRI) of two different types of hybrid desiccant dehumidification units. The first of the two research reports was finalized in December, 2010. FPL will be evaluating the reported results in 2011. These results will enable FPL to calculate the cost-effectiveness and customer payback for these more efficient means of commercial dehumidification.

Energy Efficient Technology Collaborative:

In June 2007, FPL, along with many other utilities, began co-funding a large collaborative project conducted by EPRI on the latest energy-efficient technologies in about seventeen categories. Leveraging participation in a large collaborative has multiplied the number of technologies FPL can investigate. Approximately 50 technical update reports on various energy efficiency subjects have already been completed

PROGRAM DESCRIPTION AND PROGRESS

Program Title: Common Expenses

Program Description: Expenses common to all programs.

Program Accomplishments: N/A

Program Expenditures for January through December 2010: Total expenditures were \$15,328,002 or \$1,720,308 less than projected. The variance of 10% is primarily due to lower than projected payroll expenses.

Program Progress Summary: N/A

APPENDIX A

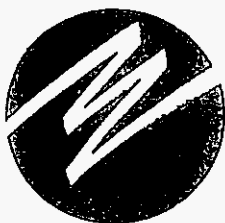
Pages 1A – 1D

Savings Quoted: “Replacing an older system with a more energy efficient one can save the average household \$400 per year in cooling costs”, Page 1B.

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, page 1C. If the system is replaced with a new 15 SEER system, the cost drops to \$810, which represents a savings of \$400 per year, page 1C.

These costs are based on 2,800 annual cooling hours and 12 cents per kWh (average for South Florida).

SAVE MONEY UPGRADING YOUR AIR CONDITIONING SYSTEM



FPL[®]

FPL rebates up to \$1,930 are available when you replace your existing Air Conditioning System with a higher efficiency one.

You'll save money and stay cooler by installing a new A/C System with an FPL Participating Independent Contractor. Replacing an older system with a more energy efficient one can save the average household \$400 per year in cooling costs.* You'll save on your electric bill now and for years to come.

Plus, FPL rebates from \$125 to \$1,930 are available for replacing your older A/C system with a newer, more energy efficient system.**

FPL rebates are only available through FPL Participating Independent Contractors.

*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

To qualify for the rebate, you 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

The list of FPL's participating independent contractors is merely a compilation of businesses which have agreed to comply with FPL's Program Standards and is not a recommendation by FPL of a particular independent contractor. The decision to select, hire and the management of the participating independent contractor is the sole responsibility of the home owner. FPL DOES NOT MAKE AND EXPRESSLY DISCLAIMS ANY WARRANTY, GUARANTEE, OR PROMISE, WHETHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, THE AMOUNT OF ENERGY SAVINGS TO BE ACHIEVED, THE SUITABILITY OR QUALITY OF MATERIALS TO BE INSTALLED BY OR THE WORKMANSHIP OF THE PARTICIPATING INDEPENDENT CONTRACTOR SELECTED AND HIRED BY THE HOME OWNER

Annual Cooling Cost Comparison

Size (cooling capacity) BTU/HR		Cooling Efficiency in SEER (Years produced)											
		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
	36,000	\$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
	48,000	\$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
	60,000	\$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).



FPL Residential A/C Rebate Schedules

Effective Date: January 2008

Residential Straight Cool FPL Rebates (Air-Cooled Equipment)								
SIZE OR COOLING CAPACITY IN:	SEER EFFICIENCY RATING							
BTUh*	From-To	14.0 - 14.9	15.0 - 15.9	16.0 - 16.9	17.0 - 17.9	18.0 - 18.9	19.0-19.9	20.0 +
<21,000	<2T	\$125	\$220	\$305	\$390	\$445	\$500	\$570
21,000 - 26,999	2.0T	\$140	\$265	\$405	\$515	\$585	\$670	\$770
27,000 - 32,999	2.5T	\$165	\$320	\$500	\$640	\$740	\$840	\$950
33,000 - 38,999	3.0T	\$210	\$375	\$585	\$770	\$880	\$1,000	\$1,100
39,000 - 44,999	3.5T	\$265	\$475	\$685	\$895	\$1,035	\$1,175	\$1,330
45,000 - 50,999	4.0T	\$305	\$545	\$780	\$1,020	\$1,175	\$1,340	\$1,500
51,000 - 56,999	4.5T	\$375	\$640	\$895	\$1,145	\$1,330	\$1,510	\$1,705
57,000 - 65,000	5.0T	\$430	\$775	\$1,005	\$1,285	\$1,495	\$1,705	\$1,980
BTUh*	EER EFFICIENCY RATING							
	From-To	11.0 - 11.9	12.0 - 12.9	13.0 - 13.9	14.0 - 14.9	15.0 - 15.9	16.0 - 16.9	17.0 +
>65,000		\$630	\$975	\$1,185	\$1,375	\$1,650	\$1,900	\$2,100

Residential Heat Pump FPL Rebates (Air-Cooled Equipment)								
SIZE OR COOLING CAPACITY IN:	SEER EFFICIENCY RATING							
BTUh*	From-To	14.0 - 14.9	15.0 - 15.9	16.0 - 16.9	17.0 - 17.9	18.0 - 18.9	19.0-19.9	20.0 +
<21,000	<2T	\$125	\$220	\$305	\$390	\$445	\$500	\$570
21,000 - 26,999	2.0T	\$140	\$265	\$405	\$515	\$585	\$670	\$770
27,000 - 32,999	2.5T	\$165	\$320	\$500	\$640	\$740	\$840	\$950
33,000 - 38,999	3.0T	\$210	\$375	\$585	\$770	\$880	\$1,000	\$1,100
39,000 - 44,999	3.5T	\$265	\$475	\$685	\$895	\$1,035	\$1,175	\$1,330
45,000 - 50,999	4.0T	\$305	\$545	\$780	\$1,020	\$1,175	\$1,340	\$1,500
51,000 - 56,999	4.5T	\$375	\$640	\$895	\$1,145	\$1,330	\$1,510	\$1,705
57,000 - 65,000	5.0T	\$430	\$775	\$1,005	\$1,285	\$1,495	\$1,705	\$1,980
BTUh*	EER EFFICIENCY RATING							
	From-To	11.0 - 11.9	12.0 - 12.9	13.0 - 13.9	14.0 - 14.9	15.0 - 15.9	16.0 - 16.9	17.0 +
>65,000		\$630	\$975	\$1,185	\$1,375	\$1,650	\$1,900	\$2,100

Residential Straight Cool & Heat Pump (Water Source)							
SIZE OR COOLING CAPACITY IN:	EER EFFICIENCY RATING						
BTUh*	13.0 - 13.9	14.0 - 14.9	15.0 - 15.9	16.0 - 16.9	17.0 - 17.9	18.0 - 18.9	19.0 +
<15,000	\$50	\$85	\$115	\$140	\$160	\$180	\$200
15,000 - 20,999	\$80	\$130	\$170	\$210	\$240	\$270	\$300
21,000 - 26,999	\$110	\$170	\$230	\$285	\$325	\$360	\$395
27,000 - 32,999	\$135	\$215	\$280	\$355	\$400	\$450	\$495
33,000 - 38,999	\$165	\$265	\$340	\$425	\$480	\$540	\$595
39,000 - 44,999	\$190	\$300	\$400	\$505	\$560	\$630	\$690
45,000 - 50,999	\$215	\$350	\$460	\$565	\$640	\$720	\$790
51,000 - 56,999	\$245	\$390	\$520	\$635	\$720	\$810	\$890
57,000 - 65,000	\$275	\$430	\$575	\$705	\$805	\$910	\$1,000
>65,000	\$300	\$475	\$630	\$780	\$890	\$1,000	\$1,120

* 1 Ton = 12,000 BTUh

