

**BEFORE THE FLORIDA  
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 120002-EG  
FLORIDA POWER & LIGHT COMPANY**

**MAY 2, 2012**

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

**JANUARY 2011 THROUGH DECEMBER 2011**

**TESTIMONY & EXHIBITS OF:**

**ANITA SHARMA  
TERRY J. KEITH**

COM	5
APA	1
ECR	7
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DOCUMENT NUMBER DATE

02796 MAY-2 2012

FPSC-COMMISSION CLERK

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

**FLORIDA POWER & LIGHT COMPANY**

**TESTIMONY OF ANITA SHARMA**

**DOCKET NO. 120002-EG**

**May 2, 2012**

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, Miami,  
3 Florida 33174. I am employed by Florida Power and Light Company ("FPL" or "the  
4 Company") as Manager of Cost & Performance for Demand Side Management (DSM)  
5 Programs.

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

7 A. Yes.

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

9 A. The purpose of my testimony is to present the actual ECCR-related costs and revenues  
10 associated with FPL's energy conservation programs for the period January through  
11 December 2011.

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

13 A. Yes. I am sponsoring Schedules CT-5, CT-6 and Appendix A, and co-sponsoring  
14 Schedules CT-2 and CT-3, in Exhibit AS-1. The specific sections of Schedules CT-2 and  
15 CT-3 that I am co-sponsoring are identified in the Table of Contents, which is found on  
16 Exhibit AS-1, Page 1 of 1.

1 Q. For the January through December 2011 period, did FPL seek recovery of any costs  
2 for advertising which makes a specific claim of potential energy savings or states  
3 appliance efficiency ratings or savings?

4 A. Yes.

5 Q. Has FPL complied with Rule 25-17.015(5), Florida Administrative Code, which  
6 requires the Company to file all data sources and calculations used to substantiate  
7 claims of potential energy savings or which state appliance efficiency ratings or  
8 savings that are included in advertisement?

9 Yes. As required by Rule 25-17.015(5), Florida Administrative Code, a copy of the  
10 advertising, data sources and calculations used to substantiate the claims of savings or  
11 appliance efficiency ratings are included in Appendix A, Pages 1A – 1C.

12 Q. Are all costs listed in Schedule CT-2 attributable to Commission-approved  
13 programs?

14 A. Yes.

15 Q. How did FPL's actual program costs for the January through December 2011 period  
16 compare to the actual/estimated costs presented in Docket No. 110002-EG, and  
17 approved in Order No. PSC-11-0531-FOF-EG?

18 A. Actual total program costs for the January through December 2011 period were  
19 \$228,293,640. The actual/estimated total program costs were \$237,172,522. Therefore,  
20 actual costs were \$8,878,882, or 4%, less than the actual/estimated (see Schedule CT-2,  
21 Page 1 of 7, Line 13). Each program's contribution to the variance is shown on Schedule  
22 CT-2, Page 3 of 7.

23 Q. Does that conclude your testimony?

24 A. Yes.

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**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

**FLORIDA POWER & LIGHT COMPANY**

**TESTIMONY OF TERRY J. KEITH**

**DOCKET NO. 120002-EG**

**MAY 2, 2012**

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

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

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

A. Yes.

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

A. The purpose of my testimony is to present for Commission review and approval the schedules supporting the calculation of the actual Energy Conservation Cost Recovery (“ECCR”) Clause Net True-up amounts for the period January 2011 through December 2011.

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

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

1 CT-3 that I am co-sponsoring are identified in the Table of Contents, which is  
2 found 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 2011 through December 2011 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,  
11 pages 4 through 7, provides a complete list of all account numbers used for ECCR  
12 during the period January 2011 through December 2011.

13 **Q. What is the actual End of Period True-up amount that FPL is requesting the**  
14 **Commission approve for the January 2011 through December 2011 period?**

15 A. FPL has calculated and is requesting approval of an under-recovery of \$50,497,156,  
16 including interest, as the actual End of Period True-up amount for the period January  
17 2011 through December 2011. The calculation of this \$50,497,156 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 2011 through December 2011**  
20 **period that FPL is requesting be carried over and included in the January**  
21 **2013 through December 2013 ECCR factor?**

1 A. FPL has calculated and is requesting approval of an over-recovery of \$8,586,294 as  
2 the Net True-up amount for the period January 2011 through December 2011. This  
3 Net True-up over-recovery of \$8,586,294 is the difference between the actual End  
4 of Period True-up under-recovery of \$50,497,156 and the Actual/Estimated True-up  
5 under-recovery of \$59,083,450 approved by the Commission in Order No. PSC-11-  
6 0531-FOF-EG, issued November 15, 2011. The calculation of the \$8,586,294 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 2011**  
9 **through December 2011 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 2011**  
15 **through December 2011?**

16 A. Yes. Exhibit AS-1, Schedule CT-2, page 1 of 7 compares the actual to the  
17 actual/estimated program costs and revenues resulting in the variance of  
18 \$8,586,294.

19 **Q. Please explain the calculation of the \$ 8,586,294 variance.**

20 A. The difference between actual and actual/estimated total program costs of  
21 \$8,878,882 (CT-2, Page 1 of 7, Line 13) minus the difference between the actual  
22 and actual/estimated ECCR revenues, net of revenue taxes, of \$302,886 (CT-2,

1 Page 1 of 7, line 16) results in a variance of \$ 8,575,995 (CT-2, page 1 of 7, line  
2 17). This \$8,575,995 over-recovery, plus the variance of \$10,299 in interest  
3 provision (CT-2, page 1 of 7, line 18), results in a total net over-recovery variance  
4 of \$8,586,294 (CT-2, page 1 of 7, line 22).

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

6 **A. Yes.**

**Docket No. 120002-EG  
Florida Power & Light Co.  
Exhibit AS-1  
Table of Contents  
Page 1 of 1**

<b><u>Schedule</u></b>	<b><u>Sponsored By</u></b>
CT-1	Terry J. Keith
CT-2, Page 1 of 7, Lines 1 -13	Anita Sharma
CT-2, Page 1 of 7, Lines 14 - 22	Terry J. Keith
CT-2, Pages 2 - 7 of 7	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	Anita Sharma
CT-6, Pages 1 - 99	Anita Sharma
Appendix A	Anita Sharma



**Energy Conservation Cost Recovery**  
**Final True-Up for the Period**  
**January through December 2011**

1. Actual End of Period True-Up:		
2. Principal (CT-3 Page 2 of 3, Line 7)	\$ (50,424,673)	
3. Interest (CT-3 Page 2 of 3, Line 8)	<u>\$ (72,482)</u>	\$ (50,497,156)
4. Less Actual/Estimated True-Up approved per Order No. PSC-11-0531-FOF-EG issued November 15, 2011:		
5. Principal	\$ (59,000,668)	
6. Interest	<u>\$ (82,782)</u>	\$ (59,083,450)
7. Final Net True-Up to be carried over to the January through December 2013 period		<u>\$8,586,294</u>

( ) Reflects Underrecovery

Totals may not add due to rounding

**Energy Conservation Cost Recovery  
 Analysis of Program Costs  
 Actual v. Actual/Estimate for the Period  
 January through December 2011**

	<u>Actual</u>	<u>Actual/Estimated (1)</u>	<u>Difference</u>
1. Depreciation & Return	\$9,234,041	\$9,659,701	(\$425,660)
2. Payroll & Benefits	26,368,326	28,963,460	(2,595,134)
3. Materials & Supplies	358,044	101,593	256,451
4. Outside Services	4,946,105	6,724,895	(1,778,790)
5. Advertising	8,404,655	7,656,880	747,775
6. Incentives	176,688,538	181,520,869	(4,832,331)
7. Vehicles	1,145,253	1,295,831	(150,578)
8. Other	<u>2,710,714</u>	<u>3,016,831</u>	<u>(306,117)</u>
9. Subtotal Program Costs	<u>\$229,855,678</u>	<u>\$238,940,063</u>	<u>(\$9,084,385)</u>
10. Program Revenues	-	-	-
11. Subtotal Net Program Costs	<u>\$229,855,678</u>	<u>\$238,940,063</u>	<u>(\$9,084,385)</u>
12. Amounts included in Base Rates	<u>(1,562,037)</u>	<u>(1,767,543)</u>	<u>205,506</u>
13. Total Program Costs	<u>\$228,293,640</u>	<u>\$237,172,522</u>	<u>(\$8,878,882)</u>
14. ECCR Revenues (Net of Revenue Taxes)	231,202,269	231,505,155	(302,886)
15. Prior Period True-Up (Collected)/Refunded this Period	<u>(53,333,302)</u>	<u>(53,333,302)</u>	-
16. Revenues Applicable to the Period	<u>\$177,868,967</u>	<u>\$178,171,853</u>	<u>(\$302,886)</u>
17. True-Up Provision (Under)/Over Recovery - Current Period (Line 16 - Line 13)	(50,424,673)	(59,000,668)	8,575,995
18. Interest Provision (Under)/Over Recovery - Current Period	(72,482)	(82,782)	10,299
19. True-Up and Interest Provision (Under)/Over Recovery- Beginning of Period	(53,333,302)	(53,333,302)	-
20. Deferred True-Up from Prior Period (Jan-Dec 2010)	9,183,523	9,183,523	-
21. Prior Period True-Up (Collected) Refunded this Period	<u>53,333,302</u>	<u>53,333,302</u>	-
22. End of Period True-Up Amount (Under)/Over Recovery	<u>(\$41,313,634)</u>	<u>(\$49,899,927)</u>	<u>\$8,586,294</u>

(1) Approved in Order No. PSC-11-0531-FOF-EG, issued on November 15, 2011

Totals may not add due to rounding

Florida Power & Light Company  
Energy Conservation Program Costs  
January through December 2011

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		\$4,608,425	\$5,198	\$1,104,988	\$5,494,483		\$409,575	\$378,393	\$12,001,061		\$12,001,061
2. Residential Building Envelope		408,374	149	104,016		4,880,391	15,036	14,792	\$5,422,759		\$5,422,759
3. Residential Load Management ("On Call")	7,127,813	1,553,832	283,543	83,446	24,315	45,922,641	47,042	454,828	\$55,497,461		\$55,497,461
4. Duct System Testing & Repair		709,963	6,921	7,798		322,724	29,982	(132,513)	\$944,876		\$944,876
5. Residential Air Conditioning		1,920,103	834	106,444	910	74,171,816	72,108	67,958	\$76,340,171		\$76,340,171
6. Residential New Construction (BuildSmart®)		494,147	343	205,341	1,100	19,325	36,975	36,459	\$793,691		\$793,691
7. Low-Income Weatherization		42,030	9			137,381	1,772	14,562	\$195,754		\$195,754
8. Business On Call	400,314	102,807	789	393,360		2,993,850	5,107	24,309	\$3,920,536		\$3,920,536
9. Cogeneration & Small Power Production		644,112		2,814			1,237	(43,394)	\$604,768		\$604,768
10. Business Efficient Lighting		212,413	2	8,931	627	376,763	5,843	12,824	\$617,403		\$617,403
11. Commercial/Industrial Load Control		297,138	276	3		25,164,764	11,188	50,985	\$25,524,354		\$25,524,354
12. C/I Demand Reduction		144,448	346	4,179		9,363,782	14,248	48,821	\$9,575,823		\$9,575,823
13. Business Energy Evaluation		2,261,005	632	772,674	2,877,999		128,363	138,537	\$6,179,210		\$6,179,210
14. Business Heating, Ventilating & A/C		912,111	118	19,631	627	3,183,454	58,957	56,379	\$4,231,278		\$4,231,278
15. Business Custom Incentive		65,664				236,447	1,997	1,669	\$305,776		\$305,777
16. Business Building Envelope		504,149	74	9,961	3,988	5,138,780	20,481	16,621	\$5,694,055		\$5,694,055
17. Business Water Heating		46,829	39,587	125		3,200	1,729	2,677	\$94,147		\$94,147
18. Business Refrigeration		21,498		156		11,297	980	931	\$34,861		\$34,861
19. Conservation Research & Development		(404)		252,830				223	\$252,648		\$252,648
20. Res. Solar Water Heating Pilot		28,682		692		545,340		1,131	\$575,845		\$575,845
21. Res. Solar Water Heating (LINC) Pilot		11,089					80		\$11,169		\$11,169
22. Business Solar Water Heating Pilot		6,369		139		103,289	175	1,049	\$111,022		\$111,022
23. Residential Photovoltaic Pilot		19,880		1,072		3,179,354	14,107	3,498	\$3,217,910		\$3,217,910
24. Business Photovoltaic Pilot		3,842		139		933,940	18,543	3,674	\$960,138		\$960,138
25. Business Photovoltaic for Schools Pilot								3,500	\$3,500		\$3,500
26. Renewable Research & Demo. Project				23,285					\$23,285		\$23,285
27. Solar Pilot Projects Common Expenses		310,596	4	460,328			20,463	56,586	\$847,976		\$847,976
28. Common Expenses	1,705,914	11,039,226	19,218	1,383,756	606		229,265	1,496,217	\$15,874,200		\$15,874,200
29. Subtotal All Programs	\$9,234,041	\$26,368,326	\$358,044	\$4,946,105	\$8,404,655	\$176,688,538	\$1,145,253	\$2,710,714	\$229,855,676		\$229,855,678
30. LESS: Included in Base Rates		(1,562,037)							(\$1,562,037)		(\$1,562,037)
31. Recoverable Conservation Expenses	\$9,234,041	\$24,806,289	\$358,044	\$4,946,105	\$8,404,655	\$176,688,538	\$1,145,253	\$2,710,714	\$228,293,640		\$228,293,640
Totals may not add due to rounding											

**Florida Power & Light Company**  
**Energy Conservation Program Variance**  
**January through December 2011**

	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		\$52,690	\$3,094	(\$188,685)	(\$1,335,241)		(\$157,060)	\$19,755	(\$1,605,447)		(\$1,605,447)
2.	Residential Building Envelope		(7,883)	77	(175,633)		(393,196)	(8)	(5,906)	(\$582,549)		(\$582,549)
3.	Residential Load Management ("On Call")	(260,523)	(156,564)	209,345	(597,321)		(754,050)	8,680	(434,339)	(\$1,984,772)		(\$1,984,772)
4.	Duct System Testing & Repair		(173,018)	1,309	(60,910)		(28,300)	(10,384)	(6,295)	(\$277,598)		(\$277,598)
5.	Residential Air Conditioning		(6,049)	(639)	(308,552)	820	7,026,999	(14,414)	(17,587)	\$6,680,578		\$6,680,578
6.	Residential New Construction (BuildSmart®)		(34,773)		13,453		(22,098)	(11,134)	(18,430)	(\$72,982)		(\$72,982)
7.	Low-Income Weatherization		(2,084)	3	(840)		6,818	(388)	(3,465)	\$44		\$44
8.	Business On Call	(1,703)	(32,586)	385	219,878		(35,029)	(926)	(3,343)	\$146,675		\$146,675
9.	Cogeneration & Small Power Production		4,015		(8,000)			414	(14,634)	(\$18,205)		(\$18,205)
10.	Business Efficient Lighting		19,280	2	(47,086)	627	(105,259)	1,000	1,779	(\$129,657)		(\$129,657)
11.	Commercial/Industrial Load Control		(19,101)	(64)			(275,719)	10	32,864	(\$262,010)		(\$262,010)
12.	C/I Demand Reduction		(1,829)	(311)	(4,545)		304,463	2,822	(35,584)	\$265,016		\$265,016
13.	Business Energy Evaluation		(162,994)	(4,053)	235,241	2,080,354		(2,651)	(19,983)	\$2,125,914		\$2,125,914
14.	Business Heating, Ventilating & A/C		(30,679)	63	(138,863)	627	(2,709,830)	(1,046)	8,100	(\$2,871,628)		(\$2,871,628)
15.	Business Custom Incentive		(7,713)		(6,000)		(243,060)	(379)	673	(\$256,479)		(\$256,479)
16.	Business Building Envelope		70,845	15	(108,991)	588	(1,102,725)	2,496	(6,267)	(\$1,144,039)		(\$1,144,039)
17.	Business Water Heating		7,626	39,587	(4,033)		(9,900)	581	(1,954)	\$31,907		\$31,907
18.	Business Refrigeration		(689)		(5,879)		7,495	(4)	632	\$1,555		\$1,555
19.	Conservation Research & Development		(19,690)		16,532				186	(\$2,972)		(\$2,972)
20.	Res. Solar Water Heating Pilot		(375,043)		(76,012)		(3,954,660)	(612)	(14,971)	(\$4,421,298)		(\$4,421,298)
21.	Res. Solar Water Heating (LINC) Pilot		(46,068)		(10,248)		(1,000,000)	(532)	(8,088)	(\$1,064,936)		(\$1,064,936)
22.	Business Solar Water Heating Pilot		(46,826)		(10,883)		(62,542)	(437)	(2,635)	(\$123,323)		(\$123,323)
23.	Residential Photovoltaic Pilot		(215,381)		(56,204)		(117,286)	13,495	(6,008)	(\$381,384)		(\$381,384)
24.	Business Photovoltaic Pilot		(201,783)		(44,309)		(1,364,451)	17,931	(4,608)	(\$1,597,220)		(\$1,597,220)
25.	Business Photovoltaic for Schools Pilot	(21,999)	(34,551)		(21,516)			(612)	1,482	(\$77,196)		(\$77,196)
26.	Renewable Research & Demo. Project		(52,740)		(219,637)			(612)	(1,934)	(\$274,923)		(\$274,923)
27.	Solar Pilot Projects Common Expenses	(121,991)	175,597	4	12,832			15,791	47,030	\$129,263		\$129,263
28.	Common Expenses	(19,443)	(1,297,142)	7,633	(182,578)			(12,600)	187,412	(\$1,316,718)		(\$1,316,718)
29.	Subtotal All Programs	(\$425,660)	(\$2,595,134)	\$256,451	(\$1,778,790)	\$747,775	(\$4,832,331)	(\$150,578)	(\$306,117)	(\$9,084,388)		(\$9,084,388)
30.	Included in Base Rates		205,506							\$205,506		\$205,506
31.	<b>Total All Programs</b>	<b>(\$425,660)</b>	<b>(\$2,389,628)</b>	<b>\$256,451</b>	<b>(\$1,778,790)</b>	<b>\$747,775</b>	<b>(\$4,832,331)</b>	<b>(\$150,578)</b>	<b>(\$306,117)</b>	<b>(\$8,878,882)</b>		<b>(\$8,878,882)</b>
	Totals may not add due to rounding											

**Energy Conservation Cost Recovery (ECCR) Account Numbers  
 For the Period: January through December 2011**

<b>Program Title</b>	<b>Account</b>
1 Residential Home Energy Survey	908.620
	909.101
	408.172
	908.110
	909.101
	925.112
	926.211
2 Residential Building Envelope	908.600
	909.600
	408.172
	908.110
	925.112
	926.211
3 Residential Load Management ("On Call")	440.300
	587.200
	592.800
	598.870
	908.500
	908.540
	909.106
	408.100
	408.172
	582.000
	587.200
	592.800
	598.140
	908.110
	925.103
	925.112
926.000	
926.211	
4 Duct System Testing & Repair	908.710
	909.710
	408.172
	908.110
	925.112
	926.211
5 Residential Air Conditioning	908.410
	909.410
	408.172
	908.110
	925.112
	926.211
6 Residential New Construction (BuildSmart®)	908.770
	909.770
	408.172
	908.110
	925.112
	926.211
7 Low-Income Weatherization	908.800
	408.172
	908.110
	925.112
	926.211

Program Title	Account
8 Business On Call	442.190
	442.290
	587.250
	598.140
	908.580
	909.580
	408.172
	417.500
	587.200
	598.140
	908.110
	925.112
926.211	
9 Cogeneration & Small Power Production	908.350
	408.172
	908.110
	925.112
	926.211
10 Business Efficient Lighting	908.170
	909.170
	408.172
	908.110
	925.112
926.211	
11 Commercial/Industrial Load Control	442.300
	908.550
	408.172
	908.110
	925.112
926.211	
12 C/I Demand Reduction	442.340
	908.490
	408.172
	908.110
	925.112
926.211	
13 Business Energy Evaluation	908.400
	908.430
	909.450
	408.172
	908.110
	909.101
	925.112
926.211	
14 Business Heating, Ventilating & A/C	908.150
	908.420
	908.440
	908.590
	908.860
	909.150
	909.420
	909.440
	909.590
	408.172
	908.110
	909.101
	925.112
926.211	

Program Title	Account
15 Business Custom Incentive	908.190
	408.172
	908.110
	925.112
	926.211
16 Business Building Envelope	908.300
	909.310
	408.172
	908.110
	925.112
17 Business Water Heating	926.211
	908.870
	909.620
	408.172
	908.110
18 Business Refrigeration	925.112
	926.211
	908.880
	909.610
	408.172
19 Conservation Research & Development	908.110
	925.112
	926.211
	910.499
	408.172
20 Res. Solar Water Heating Pilot	910.100
	925.112
	926.211
	908.980
	408.172
21 Res. Solar Water Heating (LINC) Pilot	908.110
	925.112
	926.211
	908.981
	408.172
22 Business Solar Water Heating Pilot	908.110
	925.112
	926.211
	908.982
	408.172
23 Residential Photovoltaic Pilot	908.110
	925.112
	926.211
	908.983
	408.172
24 Business Photovoltaic Pilot	908.110
	925.112
	926.211
	908.984
	408.172

Program Title	Account
25 Business Photovoltaic for Schools Pilot	908.985
	908.110
26 Renewable Research & Demo. Project	908.986
	908.110
27 Solar Pilot Projects Common Expenses	908.987
	408.172
	908.110
	925.112
28 Common Expenses	926.211
	907.100
	908.130
	908.450
	908.460
	910.100
	910.105
	408.172
	907.100
	908.110
	910.100
Pension & Welfare Clause Adjustment	921.000
	925.112
	926.211
	926.230



**Florida Power & Light Company**  
**Energy Conservation Program Costs**  
**January through December 2011**

Program Title	January	February	March	April	May	June	July	August	September	October	November	December	Total For Period
1. Residential Home Energy Survey	\$468,156	\$511,963	\$541,998	\$857,302	\$575,232	\$1,671,094	\$1,379,098	\$942,250	\$745,302	\$1,179,525	\$1,915,612	\$1,213,528	\$12,001,061
2. Residential Building Envelope	575,140	248,043	586,686	473,779	343,281	476,824	628,427	579,826	368,309	565,044	419,774	157,627	\$5,422,759
3. Residential Load Management ("On Call")	3,515,508	3,528,877	3,411,999	5,346,330	5,439,776	5,577,037	5,456,553	5,705,629	5,244,553	5,131,631	3,815,082	3,324,485	\$55,497,461
4. Duct System Testing & Repair	136,344	92,915	131,829	110,329	67,719	76,343	52,454	58,128	56,027	45,203	63,678	53,907	\$944,876
5. Residential Air Conditioning	5,804,654	7,480,251	11,073,150	6,820,089	6,098,744	5,425,675	5,555,462	6,517,307	5,711,169	5,760,718	5,893,878	4,199,075	\$76,340,171
6. Residential New Construction (BuildSmart®)	100,196	59,022	61,433	92,603	71,181	42,413	51,814	75,206	67,269	68,762	54,327	49,466	\$793,691
7. Low-Income Weatherization	3,049	12,238	28,158	6,120	17,808	32,811	5,146	34,470	19,572	20,010	12,084	4,288	\$195,754
8. Business On Call	54,988	58,976	69,242	458,154	501,293	493,557	469,593	513,551	484,536	488,316	86,527	241,803	\$3,920,536
9. Cogeneration & Small Power Production	51,500	54,472	57,837	40,147	43,488	63,170	45,739	58,790	50,366	43,323	51,449	44,486	\$604,768
10. Business Efficient Lighting	31,106	71,058	49,482	29,997	28,019	152,531	24,038	59,192	46,184	58,561	49,478	17,756	\$617,403
11. Commercial/Industrial Load Control	1,910,136	1,554,051	1,601,514	1,738,361	2,182,781	3,553,258	1,870,104	2,266,645	1,836,282	1,827,508	1,827,523	3,356,190	\$25,524,354
12. C/I Demand Reduction	629,679	662,036	671,162	765,524	872,838	891,480	905,011	904,251	908,106	880,918	881,786	603,030	\$9,575,823
13. Business Energy Evaluation	247,147	223,655	216,016	289,987	317,255	784,794	394,722	503,179	671,178	942,567	914,322	674,389	\$6,179,210
14. Business Heating, Ventilating & A/C	288,763	418,191	149,176	246,915	607,219	519,264	447,043	817,633	235,025	141,595	291,973	68,481	\$4,231,278
15. Business Custom Incentive	5,970	5,902	141,503	6,439	6,194	(8,253)	37,499	5,896	89,888	5,098	4,938	4,703	\$305,777
16. Business Building Envelope	431,610	385,955	370,416	587,325	406,979	637,588	821,970	479,017	239,239	574,953	558,480	200,525	\$5,694,055
17. Business Water Heating	3,074	4,085	4,536	4,436	4,559	5,148	4,233	6,716	4,369	44,370	4,598	4,022	\$94,147
18. Business Refrigeration	1,018	2,572	1,827	2,687	2,892	2,580	4,313	10,299	1,481	2,572	1,466	1,154	\$34,861
19. Conservation Research & Development	3,442	12,573	3,002	3,215	63,740	64,648	63,692	223		60,766	(22,653)		\$252,648
20. Res. Solar Water Heating Pilot							1,272	21,482	148,210	163,485	61,133	180,263	\$575,845
21. Res. Solar Water Heating (LINC) Pilot							1,450	1,587	1,951	1,835	1,477	2,869	\$11,169
22. Business Solar Water Heating Pilot								1,049	87	6,053	948	102,885	\$111,022
23. Residential Photovoltaic Pilot							3,407	49,705	182,914	1,221,473	433,319	1,327,092	\$3,217,910
24. Business Photovoltaic Pilot							4,178	2,187	50,536	49,996	120	853,120	\$960,138
25. Business Photovoltaic for Schools Pilot												3,500	\$3,500
26. Renewable Research & Demo. Project												23,285	\$23,285
27. Solar Pilot Projects Common Expenses					242,285	354,437	296,273	169,420	298,102	(601,890)	82,651	6,697	\$847,976
28. Common Expenses	1,099,662	1,160,189	2,060,076	1,569,176	1,369,170	1,418,434	1,177,362	1,398,587	1,501,379	535,828	1,335,183	1,249,154	\$15,874,200
29. Subtotal All Programs	\$15,361,141	\$16,547,025	\$21,231,043	\$19,448,916	\$19,262,454	\$22,234,832	\$19,700,853	\$21,182,226	\$18,962,037	\$19,218,221	\$18,739,152	\$17,967,777	\$ 229,855,678
30. LESS: Included in Base Rates	(112,054)	(160,913)	(113,658)	(177,630)	(111,485)	(225,031)		(173,044)	(129,653)	(122,726)	(107,770)	(128,073)	\$ (1,562,037)
31. Recoverable Conservation Expenses	\$15,249,087	\$16,386,113	\$21,117,384	\$19,271,286	\$19,150,969	\$22,009,800	\$19,700,853	\$21,009,182	\$18,832,384	\$19,095,495	\$18,631,382	\$17,839,704	\$228,293,640
Totals may not add due to rounding													

**FLORIDA POWER & LIGHT COMPANY**  
**ENERGY CONSERVATION COST RECOVERY TRUE-UP & INTEREST CALCULATION**  
**JANUARY THROUGH DECEMBER 2011**

	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)	14,999,365	12,937,677	16,624,443	19,069,480	20,386,960	22,245,443	22,483,408	23,439,563	23,604,222	20,637,613	17,475,372	17,298,723	231,202,269
3. TOTAL REVENUES	\$ 14,999,365	\$ 12,937,677	\$ 16,624,443	\$ 19,069,480	\$ 20,386,960	\$ 22,245,443	\$ 22,483,408	\$ 23,439,563	\$ 23,604,222	\$ 20,637,613	\$ 17,475,372	\$ 17,298,723	\$ 231,202,269
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(4,444,442)	(53,333,302)
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Lines 3 + 4)	\$ 10,554,923	\$ 8,493,236	\$ 12,180,001	\$ 14,625,038	\$ 15,942,519	\$ 17,801,001	\$ 18,038,966	\$ 18,995,121	\$ 19,159,780	\$ 16,193,171	\$ 13,030,930	\$ 12,854,281	\$ 177,868,967
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 31)	15,249,087	16,386,113	21,117,384	19,271,286	19,150,969	22,009,800	19,700,853	21,009,182	18,832,384	19,095,495	18,631,382	17,839,704	228,293,640
7. TRUE-UP THIS PERIOD (Lines 5 - 6)	\$ (4,694,163)	\$ (7,892,877)	\$ (8,937,383)	\$ (4,646,249)	\$ (3,208,451)	\$ (4,208,800)	\$ (1,661,887)	\$ (2,014,061)	\$ 327,396	\$ (2,902,324)	\$ (5,600,452)	\$ (4,985,423)	\$ (50,424,673)
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line 10)	(9,222)	(9,609)	(9,396)	(8,526)	(7,576)	(6,829)	(5,804)	(4,515)	(3,082)	(2,859)	(3,183)	(1,880)	(72,482)
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	(53,333,302)	(53,592,246)	(57,050,291)	(61,552,628)	(61,762,961)	(60,534,546)	(60,305,733)	(57,528,982)	(55,103,116)	(50,334,360)	(48,795,101)	(49,954,294)	(53,333,302)
a. DEFERRED TRUE-UP BEGINNING OF PERIOD (2010 FINAL TRUE-UP)	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523	9,183,523
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	4,444,442	4,444,442	4,444,442	4,444,442	4,444,442	4,444,442	4,444,442	4,444,442	4,444,442	4,444,442	4,444,442	4,444,442	53,333,302
11. END OF PERIOD TRUE-UP OVER/(UNDER) RECOVERY (Lines 7 + 8 + 9 + 9a + 10)	\$ (44,408,723)	\$ (47,866,768)	\$ (52,369,105)	\$ (52,579,438)	\$ (51,351,023)	\$ (51,122,210)	\$ (48,345,459)	\$ (45,919,593)	\$ (41,150,837)	\$ (39,611,578)	\$ (40,770,771)	\$ (41,313,633)	\$ (41,313,634)

NOTES: ( ) Reflects Underrecovery  
Totals may not add due to rounding

**FLORIDA POWER & LIGHT COMPANY**  
**ENERGY CONSERVATION COST RECOVERY TRUE-UP & INTEREST CALCULATION**  
**JANUARY THROUGH DECEMBER 2011**

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>INTEREST PROVISION</b>													
1. BEGINNING TRUE-UP AMOUNT (Schedule CT-3, page 2 Lines 9 + 9a)	(44,149,778)	(44,408,723)	(47,866,768)	(52,369,105)	(52,579,438)	(51,351,023)	(51,122,210)	(48,345,459)	(45,919,593)	(41,150,837)	(39,611,578)	(40,770,771)	(\$559,645,285)
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Schedule CT3, page 2, Lines 7+ 8 +9 +9a + 10)	(44,399,501)	(47,857,158)	(52,359,709)	(52,570,912)	(51,343,447)	(51,115,381)	(48,339,655)	(45,915,078)	(41,147,755)	(39,608,720)	(40,767,588)	(41,311,753)	(\$556,736,657)
3. TOTAL OF BEGINNING & ENDING TRUE- UP (Lines 1 + 2)	(\$88,549,278)	(\$92,265,881)	(\$100,226,477)	(\$104,940,017)	(\$103,922,886)	(\$102,466,404)	(\$99,461,866)	(\$94,260,537)	(\$87,067,348)	(\$80,759,557)	(\$80,379,167)	(\$82,082,524)	(\$1,116,381,942)
4. AVERAGE TRUE-UP AMOUNT (50 % of Line 3)	(\$44,274,639)	(\$46,132,941)	(\$50,113,238)	(\$52,470,009)	(\$51,961,443)	(\$51,233,202)	(\$49,730,933)	(\$47,130,269)	(\$43,533,674)	(\$40,379,778)	(\$40,189,583)	(\$41,041,262)	(\$558,190,971)
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	0.25000%	0.25000%	0.0025	0.20000%	0.19000%	0.16000%	0.16000%	0.12000%	0.11000%	0.06000%	0.11000%	0.08000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	0.25000%	0.25000%	0.20000%	0.19000%	0.16000%	0.16000%	0.12000%	0.11000%	0.06000%	0.11000%	0.08000%	0.03000%	N/A
7. TOTAL (Lines 5 + 6)	0.50000%	0.50000%	0.45000%	0.39000%	0.35000%	0.32000%	0.28000%	0.23000%	0.17000%	0.17000%	0.19000%	0.11000%	N/A
8. AVERAGE INTEREST RATE (50% of Line 7)	0.25000%	0.25000%	0.22500%	0.19500%	0.17500%	0.16000%	0.14000%	0.11500%	0.08500%	0.08500%	0.09500%	0.05500%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Lines 8 / 12)	0.02083%	0.02083%	0.01875%	0.01625%	0.01458%	0.01333%	0.01167%	0.00958%	0.00708%	0.00708%	0.00792%	0.00458%	N/A
10. INTEREST PROVISION FOR THE MONTH (Lines 4 X 9)	<u>(\$9,222)</u>	<u>(\$9,609)</u>	<u>(\$9,396)</u>	<u>(\$8,526)</u>	<u>(\$7,576)</u>	<u>(\$6,829)</u>	<u>(\$5,804)</u>	<u>(\$4,515)</u>	<u>(\$3,082)</u>	<u>(\$2,859)</u>	<u>(\$3,183)</u>	<u>(\$1,880)</u>	<u>(\$72,482)</u>
<b>NOTES:</b> ( ) Reflects Underrecovery N/A = Not Applicable 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 (Programs Nos. 3 & 8)**  
**January through December 2011**

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)		(\$44,515)	(\$77,916)	\$254,637	(\$43,307)	\$709,858	\$520,855	(\$1,566,980)	\$392,559	(\$33,158)	\$ 144,402	\$ (687,940)	\$ 54,284	(\$ 377,221)	1.
2.	Depreciation Base		31,579,996	31,502,080	31,756,717	31,713,410	32,423,267	32,944,123	31,377,143	31,769,702	31,736,544	31,880,946	31,193,006	31,247,290	n/a	2.
3.	Depreciation Expense (a)		523,976	522,946	522,475	537,078	530,263	526,227	484,975	511,533	581,729	498,665	519,027	513,122	6,272,018	3.
4.	Cumulative Investment (Line 2)	\$31,624,511	31,579,996	31,502,080	31,756,717	31,713,410	32,423,267	32,944,123	31,377,143	31,769,702	31,736,544	31,880,946	31,193,006	31,247,290	n/a	4.
5.	Less: Accumulated Depreciation (C)	17,835,061	18,315,638	18,697,113	19,172,722	19,336,772	19,647,546	20,046,473	18,616,329	18,626,392	18,103,728	17,973,432	17,760,461	18,240,394	n/a	5.
6.	Net Investment (Lines 4 - 5)	\$13,789,450	\$ 13,264,358	\$ 12,804,967	\$12,583,994	\$12,376,638	\$ 12,775,722	\$12,897,650	\$ 12,760,814	\$ 13,143,311	\$ 13,632,817	\$ 13,907,514	\$13,432,545	\$ 13,006,896	n/a	6.
7.	Average Net Investment		13,526,904	13,034,662	12,694,480	12,480,316	12,576,180	12,836,686	12,829,232	12,952,062	13,388,064	13,770,166	13,670,030	13,219,721	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		53,002	51,074	49,741	48,902	49,277	50,298	50,269	50,750	52,458	53,956	53,563	51,799		8a.
b.	Equity Comp. grossed up for taxes		86,288	83,148	80,978	79,612	80,223	81,885	81,838	82,621	85,402	87,840	87,201	84,329	1,001,366	8b.
c.	Debt Component (Line 7 * 1.9473% /12)		21,951	21,153	20,601	20,253	20,409	20,831	20,819	21,019	21,726	22,346	22,184	21,453	254,745	8c.
9.	Total Return Requirements		108,240	104,301	101,579	99,865	100,632	102,717	102,657	103,640	107,129	110,186	109,385	105,782	1,256,110	9.
10.	Total Depreciation & Return (Lines 3 + 9)		\$ 632,216	\$ 627,246	\$ 624,054	\$ 636,943	\$ 630,895	\$ 628,944	\$ 587,632	\$ 615,173	\$ 688,858	\$ 608,852	\$ 628,412	\$ 618,904	7,528,129	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting  
(b) Monthly Equity Component of 4.7019% reflects a 10% return on equity as approved on Order PSC-10-0153-FOF-EI  
(c) Monthly Debt Component is 1.9473% as approved on Order No PSC-10-0153-FOF-EI

**ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS**

Res. Load Management ("On Call") (94.7%), Program No. 3	Depreciation	496,205	495,230	494,784	508,613	502,159	498,337	459,271	484,422	550,898	472,236	491,519	485,926	5,939,801
	Return	102,393	98,862	96,085	94,462	95,188	97,162	97,108	98,037	101,340	104,238	103,477	100,065	1,188,212
	<b>Total</b>	<b>\$598,598</b>	<b>\$593,892</b>	<b>\$590,869</b>	<b>\$603,075</b>	<b>\$597,348</b>	<b>\$595,499</b>	<b>\$556,377</b>	<b>\$582,459</b>	<b>\$685,238</b>	<b>\$576,472</b>	<b>\$594,996</b>	<b>\$585,991</b>	<b>\$7,127,814</b>
Business On Call (5.3%), Program No. 8	Depreciation	27,771	27,716	27,891	28,485	28,104	27,890	25,704	27,111	30,832	26,429	27,508	27,195	332,417
	Return	5,847	5,838	5,494	5,403	5,444	5,554	5,551	5,603	5,788	5,950	5,908	5,717	67,898
	<b>Total</b>	<b>\$33,618</b>	<b>\$33,364</b>	<b>\$33,185</b>	<b>\$33,888</b>	<b>\$33,648</b>	<b>\$33,444</b>	<b>\$31,255</b>	<b>\$32,715</b>	<b>\$36,620</b>	<b>\$32,379</b>	<b>\$33,416</b>	<b>\$32,912</b>	<b>\$400,315</b>
Total	Depreciation	523,976	522,946	522,475	537,078	530,263	526,227	484,975	511,533	581,729	498,665	519,027	513,122	6,272,018
	Return	108,240	104,301	101,579	99,865	100,632	102,717	102,657	103,640	107,129	110,186	109,385	105,782	1,256,110
	<b>Total</b>	<b>\$632,216</b>	<b>\$627,246</b>	<b>\$624,054</b>	<b>\$636,943</b>	<b>\$630,895</b>	<b>\$628,944</b>	<b>\$587,632</b>	<b>\$615,173</b>	<b>\$688,858</b>	<b>\$608,852</b>	<b>\$628,412</b>	<b>\$618,904</b>	<b>\$7,528,129</b>

Totals may not add due to rounding

**Florida Power & Light Company**  
**Schedule of Capital Investment, Depreciation & Return**  
**Common Expenses (Program No. 28)**  
**January through December 2011**

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)	\$ -	\$ -	\$ -	\$ -	\$ 4,337,420	\$ 131,233	\$ 743,964	\$ 62,764	\$ 49,447	\$ 230,495	\$ 224,518	\$ 42,888	\$ 139,589	\$ 5,962,318	1.
2.	Depreciation Base		2,613,641	2,613,641	2,613,641	6,951,060	7,082,293	7,826,258	7,889,022	7,938,469	8,168,964	8,393,482	8,436,369	8,575,959	n/a	2.
3.	Depreciation Expense (a)		47,666	47,666	42,534	76,627	116,954	124,278	131,011	131,969	134,349	138,322	140,775	142,477	n/a	3.
4.	Cumulative Investment (Line 2)	\$2,613,641	\$2,613,641	\$2,613,641	\$2,613,641	\$6,951,060	\$7,082,293	\$7,826,258	\$7,889,022	\$7,938,469	\$8,168,964	\$8,393,482	\$8,436,369	\$8,575,959	n/a	4.
5.	Less: Accumulated Depreciation (C)	1,596,796	1,644,461	1,692,127	1,734,661	1,441,850	1,558,804	1,683,082	1,814,093	1,946,063	2,080,411	2,218,733	2,359,509	2,501,986	n/a	5.
6.	Net Investment (Lines 4 - 5)	\$ 1,016,845	\$ 969,179	\$ 921,514	\$ 878,979	\$ 5,509,210	\$ 5,523,489	\$ 6,143,175	\$6,074,929	\$ 5,992,406	\$ 6,088,553	\$ 6,174,748	\$ 6,076,860	\$ 6,073,972	n/a	6.
7.	Average Net Investment		993,012	945,346	900,246	3,194,095	5,516,350	5,833,332	6,109,052	6,033,668	6,040,479	6,131,650	6,125,804	6,075,416	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		3,891	3,704	3,527	12,515	21,615	22,857	23,937	23,642	23,668	24,026	24,003	23,805		8a.
b.	Equity Comp. grossed up for taxes (Line 8a / .61425)		6,334	6,030	5,743	20,375	35,189	37,211	38,970	38,489	38,532	39,114	39,076	38,755	343,818	8b.
c.	Debt Component (Line 7 * 1.9473% / 12)		1,611	1,534	1,461	5,183	8,952	9,466	9,914	9,791	9,802	9,950	9,941	9,859	87,466	8c.
9.	Total Return Requirements (Lines 8b + 8c)		7,946	7,564	7,204	25,559	44,141	46,677	48,883	48,280	48,335	49,064	49,017	48,614	431,285	9.
10.	Total Depreciation & Return (Lines 3 + 9)		\$ 55,611	\$ 55,230	\$ 49,738	\$ 102,186	\$ 161,095	\$ 170,956	\$ 179,894	\$ 180,250	\$ 182,684	\$ 187,386	\$ 189,793	\$ 191,091	\$ 1,705,913	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.  
(b) Monthly Equity Component of 4.7019% reflects a 10% return on equity as approved on Order PSC-10-0153-FOF-EI  
(c) Monthly Debt Component is 1.9473% as approved on Order No PSC-10-0153-FOF-EI

**Docket No. 120002-EG  
Florida Power & Light Co.  
Exhibit AS-1  
Schedule CT-5  
Page 1 of 1**

**Reconciliation and Explanation of  
Differences between Filing and FPSC Audit  
Report for Months: January 2011 through December 2011**

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

### Program Title & Description

**1. Residential Home Energy Survey Program:**

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.

**2. Residential Building Envelope Program:**

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.

**3. Residential Load Management Program ("On Call"):**

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.

**4. Duct System Testing and Repair Program:**

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.

**5. Residential Air Conditioning Program:**

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.

**6. Residential New Construction Program (BuildSmart®):**

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.

**7. Low-Income Weatherization Program:**

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.

**8. Business On Call Program:**

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.

**9. Cogeneration & Small Power Production:**

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

**10. Business Efficient Lighting Program:**

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

**11. Commercial/Industrial Load Control Program (CILC):**

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.

**12. C/I Demand Reduction Program:**

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.

**13. Business Energy Evaluation Program:**

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.

**14. Business Heating, Ventilating and Air Conditioning Program:**

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.

**15. Business Custom Incentive Program:**

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.

**16. Business Building Envelope Program:**

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

**17. Business Water Heating Program:**

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

**18. Business Refrigeration Program:**

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



**19. Conservation Research & Development Program:**

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.

**20. Residential Solar Water Heating Pilot:**

This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install solar water heating systems in residential homes.

**21. Residential Solar Water Heating (Low Income New Construction) Pilot:**

This program is designed to reduce energy consumption and growth of coincident peak demand, increase the efficiency of low income housing, and demonstrate the practical application of solar water heating in residential new construction by providing solar water heating systems to selected low income housing developments throughout FPL territory.

**22. Business Solar Water Heating Pilot:**

This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install solar water heating systems in businesses.

**23. Residential Photovoltaic Pilot:**

This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install photovoltaic systems in residential homes.

**24. Business Photovoltaic Pilot:**

This program is designed to reduce energy consumption and growth of coincident peak demand by encouraging customers to install photovoltaic systems in businesses.

**25. Business Photovoltaic for Schools Pilot:**

This program is designed to reduce energy consumption and growth of coincident peak demand and demonstrate and educate future generations on the practical application of photovoltaic by providing PV systems and educational materials for selected schools in all public school districts throughout the FPL territory.

**26. Renewable Research and Demonstration Project:**

FPL is proposing to conduct a series of demonstration and renewable technology research projects to increase awareness of solar technologies and to understand and quantify the energy effectiveness of emerging renewable technologies and their applications.

**27. Solar Pilot Project Common Expenses:**

Expenses common to all Solar Pilot Projects.

**28. Common Expenses:**

Expenses common to all non-solar programs

Florida Power & Light Company  
 Program Progress  
 January through December 2011

Pgm. No.	Program Title	2011 Accomplishments	2011 Expenditures & Variance v. Actual/Estimate (1)	Progress Summary (Inception through December 2011)
1	Residential Home Energy Survey Program	Surveys = 159,620	Total = \$12,001,061 Variance = (\$1,605,447)	Surveys = 3,050,807
2	Residential Building Envelope Program	Installations = 13,675	Total = \$5,422,759 Variance = (\$582,549)	Installations = 530,293
3	Residential Load Management Program ("On Call")	Installations = 8,021 Completed installation of equipment at ten substations.	Total = \$55,497,461 Variance = (\$1,984,772)	Program participants = 799,812
4	Duct System Testing and Repair Program	Installations = 3,575	Total = \$944,876 Variance = (\$277,598)	Installations = 498,438
5	Residential Air Conditioning Program	Installations = 113,907	Total = \$76,340,171 Variance = \$6,680,578	Installations = 1,453,095
6	Residential New Construction (BuildSmart®)	Homes = 2,317	Total = \$793,691 Variance = (\$72,982)	Homes = 26,921
7	Low-Income Weatherization Program	Installations = 1,666	Total = \$195,754 Variance = \$44	Installations = 4,464
8	Business On Call Program	kW* = 6,228	Total = \$3,920,536 Variance = \$146,675	MW* under contract = 99
9	Cogeneration & Small Power Production	596MW of firm capacity at time of system peak; 3,423GWh's of purchase power. Four firm and ten as-available power producers participated.	Total = \$604,768 Variance = (\$18,205)	MW under contract (facility size) = 595; Committed capacity = 595MW
10	Business Efficient Lighting	kW = 3,861	Total = \$617,403 Variance = (\$129,657)	kW = 278,742
11	Commercial/Industrial Load Control (CILC)	This program is closed to new participants, therefore, no incremental activity occurred.	Total = \$25,524,354 Variance = (\$262,010)	MW under contract = 500. See CT-6, Page 6 of 99 for a list of customers that transferred from C/I Load Control Rate to a Firm Rate.
12	C/I Demand Reduction	kW under contract = 7,743	Total = \$9,575,823 Variance = \$265,016	MW under contract = 222. See CT-6, Page 7 of 99 for a list of customers that transferred from C/I Demand Reduction Rate to a Firm Rate.
13	Business Energy Evaluation	Evaluations = 11,690	Total = \$6,179,210 Variance = \$2,125,914	Evaluations = 166,112
14	Business Heating, Ventilating and Air Conditioning Program	kW = 9,669	Total = \$4,231,278 Variance = (\$2,871,628)	kW = 346,446
15	Business Custom Incentive	kW = 2,308 and seven projects completed. See CT-6, pages 9-21; 22-34; 35-47; 48-60; 61-73; 74-86; and 87-99 for cost-effectiveness results on each project.	Total = \$305,777 Variance = (\$256,479)	kW = 39,299

Note: (1) Variance where actuals less than Actual/Estimate shown with ( )  
 \* kW and MW reduction are at the generator

Pgm. No.	Program Title	2011 Accomplishments	2011 Expenditures & Variance v. Actual/Estimate (1)	Progress Summary (Inception through December 2011)
16	Business Building Envelope Program	kW = 6,451	Total = \$5,694,055 Variance = (\$1,144,039)	kW = 93,598
17	Business Water Heating	kW = 7	Total = \$94,147 Variance = \$31,907	kW = 214
18	Business Refrigeration Program	kW = 155	Total = \$34,861 Variance = \$1,555	kW = 745 kW
19	Conservation Research & Development Program	This period included the continuation of technology of products/concepts for potential DSM opportunities.	Total = \$252,648 Variance = (\$2,972)	See CT-6, Page 8 of 99 for details of activities during this period.
20	Residential Solar Water Heating Pilot	kW = 127	Total = \$575,845 Variance = (\$4,421,298)	New project approved in Docket No.100155-EG, Order No. PSC-11-0079-PAA-EG, issued January 31, 2011.
21	Residential Solar Water Heating (Low Income New Construction) Pilot	Reservations = 57 Construction expected to be completed in 2012	Total = \$11,169 Variance = (\$1,064,936)	New project approved in Docket No.100155-EG, Order No. PSC-11-0079-PAA-EG, issued January 31, 2011.
22	Business Solar Water Heating Pilot	kW = 68	Total = \$111,022 Variance = (\$123,323)	New project approved in Docket No.100155-EG, Order No. PSC-11-0079-PAA-EG, issued January 31, 2011.
23	Residential Photovoltaic Pilot	kW = 782	Total = \$3,217,910 Variance = (\$381,384)	New project approved in Docket No.100155-EG, Order No. PSC-11-0079-PAA-EG, issued January 31, 2011.
24	Business Photovoltaic Pilot	kW = 277	Total = \$960,138 Variance = (\$1,597,220)	New project approved in Docket No.100155-EG, Order No. PSC-11-0079-PAA-EG, issued January 31, 2011.
25	Business Photovoltaic for Schools Pilot	During this period FPL focused on the infrastructure and processes to deploy in 2012.	Total = \$3,500 Variance = (\$77,196)	New project approved in Docket No.100155-EG, Order No. PSC-11-0079-PAA-EG, issued January 31, 2011.
26	Research and Demonstration Project	FPL began identifying suitable demonstration sites. FPL selected and negotiated one contract. A request for proposal for renewable research projects was sent to eight Florida universities. The first renewable research project was awarded in 2011.	Total = \$23,285 Variance = (\$274,923)	New project approved in Docket No.100155-EG, Order No. PSC-11-0079-PAA-EG, issued January 31, 2011.
27	Solar Pilot Project Common Expenses	N/A	Total = \$847,976 Variance = \$129,263	N/A
28	Common Expenses	N/A	Total = \$15,874,200 Variance = (\$1,316,718)	N/A

Note: (1) Variance where actuals less than Actual/Estimate shown with ( )  
\* kW and MW reduction are at the generator

**Customers that transferred from C/I Load Control Rate to a Firm Rate  
During the Period: January through December 2011**

**The following customers no longer meet the qualifications of the CILC-1 Tariff:**

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	
Customer No. 1	1/31/2011		Final billed
Customer No. 2	6/16/2011		Final billed
Customer No. 3	7/30/2011		Final billed
Customer No. 4	8/3/2011		GSDT-1 (70)
Customer No. 5	9/3/2011		GSDT-1 (70)

**Customers that transferred from C/I Demand Reduction Rate to a Firm Rate  
During the Period: January through December 2011**

**The following customers no longer meet the qualifications of the C/I Demand Reduction rate:**

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>
Customer No. 1	01/10/2011	Final billed
Customer No. 2	01/10/2011	Final billed
Customer No. 3	02/17/2011	Final billed
Customer No. 4	04/14/2011	GSD-1 (72)
Customer No. 5	04/29/2011	GSD-1 (72)
Customer No. 6	06/07/2011	Final billed
Customer No. 7	10/01/2011	Final billed
Customer No. 8	11/19/2011	GSDT-1 (70)
Customer No. 9	12/01/2011	GSLDT-1 (64)

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

FPL has researched a wide variety of technologies in an effort to determine the magnitude of savings benefits could be generated if offered as new Demand Side Management (DSM) program measures. In recent years, such new program measures have included Business HVAC Energy Recovery Ventilators, Demand Control Ventilation for commercial kitchens, and Residential Air Conditioning Duct Plenum Repair.

In 2011, new research funded under CRD was limited to Electric Power Research Institute (EPRI) projects. The cost sharing by numerous utilities enabled FPL to leverage CRD dollars to obtain technical updates on a larger number of energy efficiency and demand reduction measures than could have been performed by FPL alone.

#### **End-use Technology Research EPRI Collaborative:**

This is a collaborative research project that explores potential energy efficiency measures for residential and commercial markets. As part of this collaborative effort, FPL receives Technical Update Reports and useful design guides.

W-2

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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	550.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	1,260.81 KW
(3) KW LINE LOSS PERCENTAGE .....	8.66 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER .....	3,798,546.71 KVA
(5) KW LINE LOSS PERCENTAGE .....	6.90 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.00
(7) CUSTOMER KW 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 .....	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 .....	8.99 %
(11) UTILITY FUNDING 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 .....	2013, 2019
(4) BASE YEAR AVOIDED GENERATING COST .....	725.39 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	165.32 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	26.64 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	\$7.66 \$/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 .....	8.23 CENTS PER KW-HR** (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/DO
(4) DEMAND CHARGE ESCALATION RATE .....	*** %





1  
3  
CALCULATION OF GEN K-FACTOR  
PROGRAM METHOD SELECTED REV RBQ  
PROGRAM NAME: ██████████

YEAR	(2) BRQ-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 PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	1,385	43	0	97	44	23	0	54	0	289	289	289	1,351
2020	1,331	41	0	93	44	22	8	51	18	281	258	517	1,385
2021	1,259	39	0	88	43	21	9	51	15	269	227	774	1,419
2022	1,190	37	0	83	43	20	9	51	12	259	200	973	1,455
2023	1,124	35	0	78	42	19	9	51	10	248	177	1,151	1,491
2024	1,060	33	0	74	42	18	9	51	8	238	156	1,307	1,528
2025	998	31	0	70	41	18	10	51	6	229	137	1,444	1,567
2026	938	29	0	65	40	17	10	51	4	219	121	1,565	1,606
2027	880	27	0	61	39	16	10	51	4	210	106	1,671	1,646
2028	822	26	0	57	35	15	10	51	4	201	93	1,763	1,687
2029	764	24	0	53	33	14	11	51	4	192	82	1,847	1,729
2030	707	22	0	49	30	13	11	51	4	183	72	1,918	1,773
2031	649	20	0	45	28	12	11	51	4	174	63	1,981	1,817
2032	591	18	0	41	25	11	11	51	4	165	54	2,035	1,862
2033	533	17	0	37	23	10	12	51	4	156	47	2,083	1,909
2034	476	15	0	33	20	9	12	51	4	147	41	2,124	1,957
2035	418	13	0	29	18	8	12	51	4	138	35	2,159	2,005
2036	360	11	0	25	15	7	13	51	4	129	30	2,189	2,056
2037	302	9	0	21	13	6	13	51	4	120	26	2,215	2,107
2038	245	8	0	17	10	5	13	51	4	111	22	2,237	2,160
2039	187	7	0	13	8	4	14	51	(8)	102	19	2,255	2,214
2040	141	6	0	10	6	3	14	51	(9)	94	16	2,271	2,269
2041	105	5	0	7	5	2	14	51	(9)	89	14	2,285	2,326
2042	70	4	0	5	4	1	15	51	(9)	83	13	2,297	2,384
2043	35	3	0	2	3	0	15	51	(9)	77	10	2,307	2,443

IN SERVICE COST (5000)	1,351
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
DEPRECIATION RATE	38.57%
DISCOUNT RATE	8.5%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	44%	7.03%
EQUITY	56%	8.00%
OVERALL		7.20%

K-FACTOR = CF/WFC / IN-SVC COST = 1.70732

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
 2 PROGRAM METHOD SELECTED: FRY 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 BOOKTY AFUDC \$(000)	BOOK DEPR. RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX \$(9)-(14)-(15) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	49	49	54	54	49	49	0	126	0	0	0	0	(34)
2020	7.22%	55	144	54	108	49	98	18	126	0	0	0	18	(16)
2021	6.68%	88	232	54	162	49	147	15	126	0	0	0	15	(9)
2022	6.18%	81	313	54	216	49	196	12	126	0	0	0	12	11
2023	5.71%	75	388	54	270	49	245	10	126	0	0	0	10	21
2024	5.29%	69	457	54	324	49	294	8	126	0	0	0	8	29
2025	4.89%	64	522	54	378	49	343	6	126	0	0	0	6	35
2026	4.53%	59	581	54	432	49	392	4	126	0	0	0	4	39
2027	4.46%	59	640	54	486	49	441	4	126	0	0	0	4	42
2028	4.46%	59	698	54	540	49	490	4	126	0	0	0	4	46
2029	4.46%	59	757	54	594	49	539	4	126	0	0	0	4	50
2030	4.46%	59	816	54	648	49	588	4	126	0	0	0	4	54
2031	4.46%	59	874	54	702	49	637	4	126	0	0	0	4	57
2032	4.46%	59	933	54	757	49	686	4	126	0	0	0	4	61
2033	4.46%	59	991	54	811	49	735	4	126	0	0	0	4	65
2034	4.46%	59	1,050	54	865	49	784	4	126	0	0	0	4	68
2035	4.46%	59	1,109	54	919	49	833	4	126	0	0	0	4	72
2036	4.46%	59	1,167	54	972	49	882	4	126	0	0	0	4	76
2037	4.46%	59	1,226	54	1,027	49	931	4	126	0	0	0	4	79
2038	4.46%	59	1,284	54	1,081	49	980	4	126	0	0	0	4	83
2039	2.32%	29	1,314	54	1,135	49	1,029	(8)	126	0	0	0	(8)	76
2040	0.06%	0	1,314	54	1,189	49	1,078	(19)	126	0	0	0	(19)	57
2041	0.06%	0	1,314	54	1,243	49	1,127	(19)	126	0	0	0	(19)	38
2042	0.06%	0	1,314	54	1,297	49	1,176	(19)	126	0	0	0	(19)	19
2043	0.06%	0	1,314	54	1,351	49	1,225	(19)	126	0	0	0	(19)	0

SALVAGE/REMOVAL COST	8.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(34)
TOTAL BOOKTY AFUDC CAPITALIZED (SEE PAGE 5)	126
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 [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)*	(8)	(9)	(10)	(11)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	END OF YEAR NET PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)	
2019	3.75%	45	0	1,297	54	(54)	1,385	1,331	1,358	
2020	7.22%	55	18	1,243	109	(16)	1,331	1,259	1,295	
2021	6.68%	58	15	1,189	162	(9)	1,259	1,190	1,225	
2022	6.18%	61	12	1,135	216	11	1,190	1,124	1,157	
2023	5.71%	73	10	1,081	270	21	1,124	1,060	1,092	
2024	5.29%	69	8	1,027	324	29	1,060	998	1,029	
2025	4.89%	64	6	973	378	35	998	938	968	
2026	4.52%	59	4	919	432	39	938	880	909	
2027	4.16%	59	4	865	486	42	880	822	851	
2028	4.16%	59	4	811	540	46	822	764	793	
2029	4.40%	59	4	757	594	50	764	707	736	
2030	4.40%	59	4	703	648	54	707	649	678	
2031	4.40%	59	4	648	702	57	649	591	620	
2032	4.40%	59	4	594	757	61	591	533	562	
2033	4.40%	59	4	540	811	65	533	476	505	
2034	4.40%	59	4	486	865	68	476	438	447	
2035	4.40%	59	4	432	919	72	438	360	389	
2036	4.40%	59	4	378	973	76	360	302	331	
2037	4.40%	59	4	324	1,027	79	302	245	274	
2038	4.40%	59	4	270	1,081	83	245	187	216	
2039	2.23%	23	(8)	216	1,135	76	187	141	161	
2040	0.00%	0	(19)	162	1,189	57	141	105	120	
2041	0.00%	0	(19)	108	1,243	38	105	78	98	
2042	0.00%	0	(19)	54	1,297	19	78	35	53	
2043	0.00%	0	(19)	(0)	1,351	0	35	0	18	

\* 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%	1.21	0.62
2014	-5	3.00%	1.159	1.00%	15.99	9.94
2015	-4	3.00%	1.194	4.57%	39.61	37.03
2016	-3	3.00%	1.230	37.00%	331.87	222.77
2017	-2	3.00%	1.267	45.74%	489.27	598.84
2018	-1	3.00%	1.305	10.44%	98.79	858.28

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$K/W)	(4a)* DEBT AFUDC (\$K/W)	100.00%		307.77		(9b)* CONSTRUCTION INTEREST (\$K/W)	(9c)* CUMULATIVE CPI (\$K/W)	(9d)* DEFERRED TAXES (\$K/W)	(9e)* CUMULATIVE DEFERRED TAXES (\$K/W)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$K/W)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$K/W)
				(8b)* CUMULATIVE DEBT AFUDC (\$K/W)	(9) YEARLY TOTAL AFUDC (\$K/W)	(9a)* CUMULATIVE TOTAL AFUDC (\$K/W)	(9f)* CONSTRUCTION PERIOD INTEREST (\$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	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	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	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	0.00
2013	-6	0.62	0.02	0.62	0.85	2.85	0.04	0.04	(0.01)	(0.01)	0.00	0.00	0.00
2014	-5	9.29	0.29	9.30	0.70	8.94	0.65	0.70	(0.14)	(0.15)	1.29	1.29	1.29
2015	-4	37.87	1.18	1.49	3.22	4.06	2.65	7.25	(0.77)	(0.79)	16.78	18.97	18.97
2016	-3	226.84	7.07	8.56	19.28	23.36	15.90	19.25	(3.41)	(4.13)	42.83	69.90	69.90
2017	-2	822.20	19.46	28.01	53.10	76.45	43.47	62.71	(8.95)	(10.36)	351.16	412.06	412.06
2018	-1	234.83	29.46	37.47	80.39	158.84	64.78	127.50	(13.63)	(27.02)	473.37	385.43	858.28

IN SERVICE YEAR	2019
PLANT COSTS	725,389,655
AFUDC RATE	3.48%

	57.47	158.84	127.50	(27.02)	1,064.61
	BOOK BASIS	BOOK BASIS	FOR DEF TAX	TAX BASIS	
CONSTRUCTION CASH	1,152	1,152	1,152		
EQUITY AFUDC	126				
DEBT AFUDC	73	73			
CPI				162	
TOTAL	1,351	1,225	1,152	1,314	

\* Column not specified in workbook

INPUT DATA - FACTS  
 PROGRAM METHOD SELECTED: KEV RUB  
 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 KWH EFFECTIVENESS FACTOR
2009	0	0	4.79	9.17	6.79	4.00	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	9.39	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	10.81	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	11.34	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	17.06	24.53	17.06	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	18.73	25.80	18.73	12.14	1.00	1.00
2035	1	1	19.57	27.04	19.57	12.09	1.00	1.00
2036	1	1	20.40	28.26	20.40	12.55	1.00	1.00
2037	1	1	21.11	28.22	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	23.53	32.02	23.53	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
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.









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**TOTAL RESOURCE COST TEST**  
PROGRAM NUMBER SELECTED: REV REQ  
PROGRAM NAME: ████████████████████████████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2009	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	1	1,881	0	1,882	0	0	253	2	255	(1,627)	(1,627)
2011	0	0	0	0	0	0	56	425	11	492	492	(977)
2012	0	0	0	0	0	0	55	361	5	625	625	(353)
2013	0	0	0	0	0	0	33	402	36	492	492	(153)
2014	0	0	0	0	0	0	52	427	39	518	518	185
2015	0	0	0	0	0	0	50	541	47	638	638	367
2016	0	0	0	0	0	0	49	366	51	466	666	935
2017	0	0	0	0	0	0	47	615	59	721	721	1,299
2018	0	0	0	0	0	0	46	626	61	732	732	1,639
2019	0	0	0	0	0	347	45	892	55	1,338	1,338	2,011
2020	0	0	0	0	0	323	43	829	54	1,249	1,249	2,701
2021	0	1	2,469	0	2,469	310	42	898	56	1,306	(1,163)	2,282
2022	0	0	0	0	0	208	41	381	64	1,393	1,393	2,743
2023	0	0	0	0	0	314	40	353	61	1,267	1,267	3,127
2024	0	0	0	0	0	317	38	307	66	1,329	1,329	3,499
2025	0	0	0	0	0	315	37	304	63	1,327	1,327	3,837
2026	0	0	0	0	0	319	36	311	66	1,332	1,332	4,151
2027	0	0	0	0	0	321	35	327	68	1,361	1,361	4,445
2028	0	0	0	0	0	320	33	363	73	1,389	1,389	4,720
2029	0	0	0	0	0	328	32	324	85	1,371	1,371	4,976
2030	0	0	0	0	0	328	31	360	88	1,406	1,406	5,205
2031	0	0	0	0	0	325	30	390	95	1,441	1,441	5,426
2032	0	1	3,239	0	3,240	336	29	387	98	1,450	(1,790)	5,174
2033	0	0	0	0	0	335	29	1,025	100	1,489	1,489	5,267
2034	0	0	0	0	0	339	28	1,039	94	1,512	1,512	5,547
2035	0	0	0	0	0	356	28	1,085	108	1,576	1,576	5,719
2036	0	0	0	0	0	352	27	1,135	114	1,628	1,628	5,893
2037	0	0	0	0	0	360	27	1,173	122	1,682	1,682	6,038
2038	0	0	0	0	0	330	26	1,212	127	1,715	1,715	6,183
2039	0	0	0	0	0	344	26	1,255	133	1,757	1,757	6,319
2040	0	0	0	0	0	359	25	1,282	119	1,785	1,785	6,417
2041	0	0	0	0	0	353	25	1,332	128	1,840	1,840	6,568
2042	0	0	0	0	0	349	24	1,388	151	1,912	1,912	6,683
2043	0	1	4,250	0	4,251	350	24	1,402	175	2,011	(2,240)	6,559
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	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	3	11,831	0	11,842	8,372	1,296	39,841	2,683	43,103	31,262	
NPV	0	1	3,309	0	3,309	1,511	428	7,286	343	8,668	6,559	

Discount Rate: 3.89 %  
Benefit/Cost Ratio (Col(11) / Col(6)): 2.38





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INPUT DATA - PART 1 CONTINUED  
PROGRAM/METHOD SELECTED: REV REQ  
PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	364.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	486.20 KW
(3) KW LINE LOSS PERCENTAGE .....	8.66 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER .....	1,563,491.55 KVA
(5) KVA LINE LOSS PERCENTAGE .....	6.90 %
(6) GROSS LINE LOSS MULTIPLIER .....	1.03
(7) CUSTOMER KW INCREASE AT METER .....	0.09 KW

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM .....	25 YEARS
(2) GENERATOR ECONOMIC LIFE .....	25 YEARS
(3) T&D ECONOMIC LIFE .....	25 YEARS
(4) K FACTOR FOR GENERATION .....	1.79738
(5) K FACTOR FOR T & D .....	1.62254

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NONRECURRING 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 NONRECURRING REBATE/INCENTIVE .....	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE .....	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE .....	*** %

\* SUPPLEMENTAL INFORMATION NOT SEARCHED 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 .....	185.32 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	20.64 \$/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 .....	0.106 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 .....	8.23 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 .....	*** %



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CALCULATION OF GENE-FACTOR  
PROGRAM/METHOD SELECTED BY REQ  
PROGRAM NAME: [REDACTED]

(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)	DEPRECI- ATION \$(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	531	16	0	37	24	9	3	21	0	111	111	111	518
2020	519	16	0	36	17	9	3	21	7	108	99	210	521
2021	483	15	0	34	17	8	3	21	6	103	87	297	544
2022	456	14	0	32	16	8	3	21	5	99	77	373	557
2023	431	13	0	30	16	7	3	21	4	95	68	441	571
2024	406	13	0	28	16	7	4	21	3	91	60	501	586
2025	382	12	0	27	16	7	4	21	2	88	53	553	600
2026	359	11	0	25	15	6	4	21	2	84	46	606	615
2027	337	10	0	24	15	6	4	21	1	81	41	640	631
2028	315	10	0	22	14	6	4	21	1	77	36	646	646
2029	293	9	0	20	13	5	4	21	1	74	31	708	663
2030	271	8	0	19	12	5	4	21	1	70	27	733	679
2031	249	8	0	17	11	4	4	21	1	67	24	759	696
2032	227	7	0	16	10	4	4	21	1	63	21	780	714
2033	204	6	0	14	9	4	4	21	1	60	18	798	731
2034	182	6	0	13	8	3	5	21	1	56	16	814	750
2035	160	5	0	11	7	3	5	21	1	53	14	827	768
2036	138	4	0	10	6	3	5	21	1	49	12	839	786
2037	116	4	0	8	5	2	5	21	1	46	10	849	807
2038	94	3	0	7	4	2	5	21	1	42	8	857	827
2039	72	2	0	5	7	1	5	21	(2)	39	7	864	848
2040	51	2	0	4	11	1	5	21	(2)	36	6	870	863
2041	40	1	0	3	10	1	5	21	(2)	34	5	875	891
2042	27	1	0	2	10	0	6	21	(2)	32	4	880	913
2043	13	0	0	1	9	(0)	6	21	(2)	30	4	884	936

IN SERVICE COST (\$000)	518
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	34.57%
DISCOUNT RATE	8.9%
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 - 1.70738

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

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NEW 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%	19	0	497	21	(15)	531	510	520
2020	7.22%	36	7	476	41	(5)	510	483	496
2021	6.68%	34	6	456	62	(1)	483	456	469
2022	6.18%	31	5	435	83	4	456	431	443
2023	5.71%	29	4	414	104	8	431	406	418
2024	5.29%	27	3	393	124	11	406	382	394
2025	4.89%	25	2	373	145	13	382	359	371
2026	4.52%	23	2	352	166	15	359	337	348
2027	4.18%	22	1	331	186	16	337	315	326
2028	4.46%	22	1	311	207	18	315	293	304
2029	4.46%	22	1	290	228	19	293	271	282
2030	4.46%	22	1	269	248	21	271	249	260
2031	4.46%	22	1	248	269	22	249	227	238
2032	4.46%	22	1	228	290	23	227	204	215
2033	4.46%	22	1	207	311	25	204	182	193
2034	4.46%	22	1	186	331	26	182	160	171
2035	4.46%	22	1	166	352	28	160	138	149
2036	4.46%	22	1	145	373	28	138	116	127
2037	4.46%	22	1	124	393	30	116	94	105
2038	4.46%	22	1	104	414	32	94	72	83
2039	2.23%	11	(3)	83	435	29	72	54	63
2040	0.00%	0	(7)	62	456	22	54	40	47
2041	0.00%	0	(7)	41	476	14	40	27	34
2042	0.00%	0	(7)	21	497	7	27	13	20
2043	0.00%	0	(7)	(0)	518	0	13	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 (\$K/W)	(7) CUMULATIVE AVERAGE SPENDING (\$K/W)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	0.00%	1.030	0.00%	0.00	0.00
2011	-8	0.00%	1.061	0.00%	0.00	0.00
2012	-7	0.00%	1.093	0.00%	0.00	0.00
2013	-6	0.00%	1.126	0.15%	1.24	0.62
2014	-5	0.00%	1.159	1.30%	15.89	9.24
2015	-4	0.00%	1.194	4.37%	39.61	37.03
2016	-3	0.00%	1.230	37.20%	331.87	222.77
2017	-2	0.00%	1.267	45.74%	420.27	598.84
2018	-1	0.00%	1.305	10.44%	98.79	158.38

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$K/W)	(8a)* DEBT AFUDC (\$K/W)	(8b)* CUMULATIVE DEBT AFUDC (\$K/W)	(9) YEARLY TOTAL AFUDC (\$K/W)	(9a)* TOTAL AFUDC (\$K/W)	(9b)* CONSTRUCTION PERIOD INTEREST (\$K/W)	(9c)* CUMULATIVE CPI (\$K/W)	(9d)* DEFERRED TAXES (\$K/W)	(9e)* CUMULATIVE DEFERRED TAXES (\$K/W)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$K/W)	(11) 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	0.02	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	3.55	(0.37)	(0.72)	69.90	87.90
2016	-3	226.84	7.07	8.56	19.29	23.36	15.90	19.25	(3.41)	(4.15)	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	884.43
2018	-1	934.83	29.46	57.47	80.39	156.84	64.78	127.56	(13.63)	(27.02)	179.18	1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,389,805.5
AFUDC RATE	8.42%

37.47	156.84	197.56	(27.02)	1,064.61
	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS	
CONSTRUCTION CASH	441	441	441	
EQUITY AFUDC	48			
DEBT AFUDC	28	28		
CPI			62	
TOTAL	518	469	503	

\* Column not specified in workbook



1  
2 INPUT DATA - PART 2  
3 PROGRAM METHOD SELECTED; KEY\_REQ  
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 C/W EFFECTIVENESS FACTOR	PROGRAM C/W 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	13.24	6.43	0.00	1.00	1.00
2013	1	1	7.96	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	9.80	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	10.59	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	11.36	1.00	1.00
2029	1	1	16.02	22.55	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	18.73	25.89	18.73	12.14	1.00	1.00
2035	1	1	19.57	27.04	19.57	12.20	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	12.78	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	13.73	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
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. 120002-FG  
Florida Power & Light Co.  
Exhibit A5-1  
Schedule CT-6  
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AVOIDED GENERATING BENEFITS  
PROGRAM METHOD SELECTED REV REQ  
PROGRAM NAME: ██████████████████

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
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	111	61	3	155	196	133
2020	100	62	4	228	278	104
2021	103	64	4	238	290	119
2022	99	65	4	252	303	118
2023	95	67	4	265	311	120
2024	91	69	5	280	323	121
2025	88	70	5	299	341	121
2026	84	72	5	319	359	122
2027	81	74	6	337	374	123
2028	77	76	6	346	382	122
2029	74	78	6	361	392	122
2030	70	80	6	377	408	126
2031	67	82	6	385	415	125
2032	63	84	7	399	424	129
2033	60	86	7	420	443	128
2034	56	88	8	437	474	134
2035	53	90	8	467	482	136
2036	49	92	8	481	496	135
2037	46	95	8	492	503	138
2038	42	97	9	504	519	134
2039	39	100	9	515	530	132
2040	36	102	9	529	537	137
2041	34	105	9	538	550	136
2042	32	107	10	550	565	134
2043	30	110	10	565	580	134
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	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	1,686	2,076	165	9,775	10,493	5,208
NPV	377	345	25	1,496	1,654	579





TOTAL RESOURCE COST TEST  
PROGRAM METHOD SELECTED BY REQ  
PROGRAM NAME: XXXXXXXXXX

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED TAD BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2009	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	1	774	0	775	0	0	145	1	146	(629)	(577)
2011	0	0	0	0	0	0	22	175	4	201	201	(408)
2012	0	0	0	0	0	0	21	231	4	256	256	(210)
2013	0	0	0	0	0	0	20	166	15	201	201	(67)
2014	0	0	0	0	0	0	0	176	16	212	212	71
2015	0	0	0	0	0	0	19	223	19	261	261	228
2016	0	0	0	0	0	0	0	233	21	273	273	378
2017	0	0	0	0	0	0	0	18	233	24	295	328
2018	0	0	0	0	0	0	0	18	238	25	300	367
2019	0	0	0	0	0	153	17	347	23	540	540	898
2020	0	0	0	0	0	194	17	341	23	504	504	1,095
2021	0	1	1,016	0	1,017	119	16	370	24	528	(488)	928
2022	0	0	0	0	0	118	16	404	27	566	564	1,164
2023	0	0	0	0	0	120	15	351	26	512	512	1,262
2024	0	0	0	0	0	121	15	373	28	538	538	1,412
2025	0	0	0	0	0	121	14	372	30	537	537	1,549
2026	0	0	0	0	0	122	14	375	28	539	539	1,676
2027	0	0	0	0	0	123	13	385	29	532	532	1,785
2028	0	0	0	0	0	122	13	396	31	563	563	1,947
2029	0	0	0	0	0	125	12	381	27	556	556	2,088
2030	0	0	0	0	0	126	12	395	28	571	571	2,183
2031	0	0	0	0	0	125	11	407	41	585	585	2,193
2032	0	1	1,333	0	1,334	129	11	406	42	589	(745)	2,088
2033	0	0	0	0	0	128	11	422	44	605	605	2,167
2034	0	0	0	0	0	134	11	428	42	614	614	2,240
2035	0	0	0	0	0	134	11	447	47	641	641	2,310
2036	0	0	0	0	0	135	10	467	50	683	683	2,376
2037	0	0	0	0	0	138	10	485	54	685	685	2,439
2038	0	0	0	0	0	134	10	499	56	699	699	2,499
2039	0	0	0	0	0	132	10	516	59	717	717	2,554
2040	0	0	0	0	0	137	10	528	54	728	728	2,606
2041	0	0	0	0	0	134	9	548	58	731	731	2,656
2042	0	0	0	0	0	134	9	571	67	781	781	2,705
2043	0	1	1,749	0	1,750	134	9	602	77	822	(928)	2,651
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	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	3	4,473	0	4,876	3,208	482	12,494	1,165	17,509	12,653	
NPV	0	1	1,362	0	1,363	529	164	3,040	231	4,014	2,651	

Discount Rate:  
Benefit/Cost Ratio (Coi(11) / Coi(6)):

0.89 %  
1.35





1  
2  
3

INPUT DATA - PART 1 CONTINUED  
PROGRAM METHOD SELECTED: PBL REG  
PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	123.90 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	165.50 KW
(3) KW LINE LOSS PERCENTAGE	8.65 %
(4) GENERATOR KW INCREASE PER CUSTOMER	1,163,851.41 KWH
(5) KW LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.80
(7) CUSTOMER KW INCREASE AT METER	0.69 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 RATES	*** %**
(10) UTILITY DISCOUNT RATE	8.89 %
(11) UTILITY APOD RATE	8.48 %
(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	2010-2019
(4) BASE YEAR AVOIDED GENERATING COST	725.39 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	185.52 \$/KW
(6) BASE YEAR DISTRIBUTION COST	26.64 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	1.06 %**
(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	0.106 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	8.23 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  
2  
3  
CALCULATION OF GENX-FACTOR  
PROGRAM METHOD SELECTED BY REG  
PROGRAM NAME: [REDACTED]

(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 FW FIXED CHARGES \$ (000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$ (000)
2019	181	6	0	13	8	3	1	7	0	38	38	38	176
2020	174	5	0	12	6	3	1	7	2	37	34	71	181
2021	164	5	0	11	6	3	1	7	2	35	30	101	185
2022	155	5	0	11	6	3	1	7	2	34	26	127	190
2023	147	5	0	10	6	3	1	7	1	32	23	150	194
2024	138	4	0	10	5	2	1	7	1	31	20	170	199
2025	130	4	0	9	5	2	1	7	1	30	18	188	204
2026	122	4	0	9	5	2	1	7	1	29	16	204	209
2027	115	4	0	8	5	2	1	7	0	27	14	218	215
2028	107	3	0	7	5	2	1	7	0	26	12	230	220
2029	100	3	0	7	4	2	1	7	0	25	11	241	226
2030	92	3	0	6	4	2	1	7	0	24	9	250	231
2031	85	3	0	6	4	2	1	7	0	23	8	258	237
2032	77	2	0	5	3	1	1	7	0	21	7	265	243
2033	70	2	0	5	3	1	2	7	0	20	6	272	249
2034	62	2	0	4	3	1	2	7	0	19	5	277	255
2035	55	2	0	4	2	1	2	7	0	18	5	281	260
2036	47	1	0	3	2	1	2	7	0	17	4	284	266
2037	39	1	0	3	2	1	2	7	0	16	3	288	271
2038	32	1	0	2	1	1	2	7	0	14	3	292	276
2039	24	1	0	2	1	1	2	7	(1)	13	2	294	280
2040	18	1	0	1	4	0	2	7	(2)	12	2	296	295
2041	14	0	0	1	3	0	2	7	(2)	12	2	298	303
2042	9	0	0	1	3	0	2	7	(2)	11	2	300	311
2043	5	0	0	0	3	0	2	7	(2)	10	1	301	319

IN SERVICE COST (\$000)	176
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
DEPR. INCR RATE	38.57%
DISCOUNT RATE	8.94%
PROPERTY TAX	1.82%
PROPERTY INSURANCE	6.61%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	44%	7.33%
PN	0%	0.00%
CS	56%	12.50%

K-FACTOR = CFWFC / IN-SVC COST = 1.7038

1  
2  
3

**DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION**  
PROGRAM METHOD SELECTED: REV. REG.

(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 (7)-(12)-(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	6	6	7	7	6	6	0	16	0	0	0	(2)	(2)
2020	7.22%	12	19	7	14	6	13	2	16	0	0	0	(2)	(2)
2021	6.88%	11	30	7	21	6	19	2	16	0	0	0	(2)	(2)
2022	6.18%	11	41	7	28	6	26	2	16	0	0	0	1	1
2023	5.71%	10	51	7	35	6	32	1	16	0	0	0	1	3
2024	5.29%	9	60	7	42	6	38	1	16	0	0	0	1	4
2025	4.89%	8	68	7	49	6	45	1	16	0	0	0	1	5
2026	4.52%	8	76	7	56	6	51	1	16	0	0	0	1	5
2027	4.16%	8	83	7	63	6	58	0	16	0	0	0	0	6
2028	4.46%	8	91	7	70	6	64	0	16	0	0	0	0	6
2029	4.46%	8	99	7	78	6	70	0	16	0	0	0	0	6
2030	4.46%	8	106	7	85	6	77	0	16	0	0	0	0	7
2031	4.46%	8	114	7	92	6	83	0	16	0	0	0	0	7
2032	4.46%	8	122	7	99	6	89	0	16	0	0	0	0	8
2033	4.46%	8	130	7	106	6	96	0	16	0	0	0	0	8
2034	4.46%	8	137	7	113	6	102	0	16	0	0	0	0	9
2035	4.46%	8	145	7	120	6	109	0	16	0	0	0	0	9
2036	4.46%	8	152	7	127	6	115	0	16	0	0	0	0	10
2037	4.46%	8	160	7	134	6	121	0	16	0	0	0	0	10
2038	4.46%	8	168	7	141	6	128	0	16	0	0	0	0	11
2039	2.23%	4	171	7	148	6	134	(1)	16	0	0	0	(1)	10
2040	0.00%	0	171	7	155	6	141	(2)	16	0	0	0	(2)	7
2041	0.00%	0	171	7	162	6	147	(2)	16	0	0	0	(2)	5
2042	0.00%	0	171	7	169	6	153	(2)	16	0	0	0	(2)	2
2043	0.00%	0	171	7	176	6	160	(2)	16	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(4)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	16
BOOK DEPR. RATE - / USEFUL LIFE	4.00%

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

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEPRECIATION \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2019	3.31%	6	0	169	7	(0)	161	174	177
2020	7.22%	11	2	182	34	(2)	164	164	169
2021	6.80%	11	2	155	21	(0)	164	165	160
2022	6.18%	11	2	148	28	1	155	167	151
2023	5.71%	10	1	141	35	8	147	158	142
2024	5.29%	9	1	134	42	4	138	150	134
2025	4.89%	8	1	127	49	5	129	122	126
2026	4.52%	8	1	120	56	5	122	115	119
2027	4.18%	8	0	113	63	6	115	107	111
2028	4.46%	8	0	106	70	6	107	100	103
2029	4.46%	8	0	99	78	6	100	92	96
2030	4.46%	8	0	92	85	7	92	85	88
2031	4.46%	8	0	85	92	7	85	77	81
2032	4.46%	8	0	78	99	8	77	70	73
2033	4.46%	8	0	70	106	8	70	62	66
2034	4.46%	8	0	63	113	9	62	55	58
2035	4.46%	7	0	56	120	9	55	47	51
2036	4.46%	8	0	49	127	10	47	39	43
2037	4.46%	8	0	42	134	10	39	32	36
2038	4.46%	8	0	35	141	11	32	24	28
2039	2.23%	4	(1)	28	148	10	24	18	21
2040	0.00%	0	(2)	21	155	7	18	14	16
2041	0.00%	0	(2)	14	162	5	14	9	11
2042	0.00%	0	(2)	7	169	2	9	5	7
2043	0.00%	0	(2)	0	176	0	5	0	2

\* 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	0.19%	1.24	0.62
2014	-5	3.00%	1.159	1.90%	15.59	9.94
2015	-4	3.00%	1.194	4.57%	39.61	37.03
2016	-3	3.00%	1.230	37.20%	331.67	222.77
2017	-2	3.00%	1.267	45.74%	420.27	308.84
2018	-1	3.00%	1.305	10.44%	38.79	358.39

100.00% 307.77

(1)	(2)	(3)	(4)*	(5)*	(6)	(7)*	(8)*	(9)*	(10)*	(11)	(12)	(13)
YEAR	NO. YEARS BEFORE IN-SERVICE	CUMULATIVE SPENDING W/RT AFUDC (\$K/W)	DEBT AFUDC (\$K/W)	DEBT AFUDC (\$K/W)	YEARLY TOTAL AFUDC (\$K/W)	CUMULATIVE TOTAL AFUDC (\$K/W)	CONSTRUCTION INTEREST (\$K/W)	CUMULATIVE CPI (\$K/W)	DEFERRED TAXES (\$K/W)	CUMULATIVE DEFERRED TAXES (\$K/W)	INCREMENTAL YEAR-END BOOK VALUE (\$K/W)	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	0.02	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	0.29	0.84	0.63	0.70	(0.14)	(0.15)	16.78	18.07
2015	-4	37.87	1.18	1.49	3.92	4.06	2.63	3.95	(0.57)	(0.72)	42.83	60.90
2016	-3	226.54	7.07	8.56	19.29	23.34	15.80	19.25	(3.41)	(4.19)	351.16	412.06
2017	-2	621.20	19.46	28.01	33.10	76.45	43.47	62.72	(8.26)	(13.39)	473.37	885.43
2018	-1	594.83	29.44	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	723,389,055
AFUDC RATE	8.48%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASE	150	150	150
EQUITY AFUDC	16		
DEBT AFUDC	10	10	
CPI			21
TOTAL	176	160	171

\* Column not specified in workbook

1  
2  
3

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/KWH)	(5) AVOIDED MARGINAL FUEL COST (C/KWH)	(6)* INCREASED MARGINAL FUEL COST (C/KWH)	(7) REPLACEMENT FUEL COST (C/KWH)	(8) PROGRAM LW 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	13.54	6.43	0.00	1.00	1.00
2013	1	1	7.04	9.99	7.04	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	10.32	15.46	10.32	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	29.91	13.39	10.88	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	10.94	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	15.40	23.70	15.40	11.36	1.00	1.00
2029	1	1	16.02	22.99	16.02	11.41	1.00	1.00
2030	1	1	16.32	23.71	16.32	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	25.31	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	22.52	30.23	22.52	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	34.86	25.50	14.10	1.00	1.00
2043	1	1	26.74	35.49	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

\* 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.









TOTAL RESOURCE COST TEST  
PROGRAM METHOD SELECTED: REV REQ  
PROGRAM NAME:

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) VILLITY PROGRAM COSTS \$(000)	(4) PARTICIPANT PROGRAM COSTS \$(000)	(5) OTHER COSTS \$(000)	(6) TOTAL COSTS \$(000)	(7) AVOIDED GENUNIT BENEFITS \$(000)	(8) AVOIDED T&D BENEFITS \$(000)	(9) PROGRAM FUEL SAVINGS \$(000)	(10) OTHER BENEFITS \$(000)	(11) TOTAL BENEFITS \$(000)	(12) NET BENEFITS \$(000)	(13) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2009	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	1	459	0	459	0	0	103	1	104	(350)	(322)
2011	0	0	0	0	0	0	7	131	3	141	141	(202)
2012	0	0	0	0	0	0	7	172	3	182	182	(61)
2013	0	0	0	0	0	0	7	123	11	142	142	39
2014	0	0	0	0	0	0	7	131	12	150	150	137
2015	0	0	0	0	0	0	7	166	14	187	187	249
2016	0	0	0	0	0	0	6	174	14	196	196	337
2017	0	0	0	0	0	0	6	189	18	213	213	465
2018	0	0	0	0	0	0	6	192	19	217	217	566
2019	0	0	0	0	0	45	6	274	19	344	344	713
2020	0	1	587	0	588	42	6	254	20	323	(263)	409
2021	0	0	0	0	0	40	5	276	21	343	343	732
2022	0	0	0	0	0	40	5	301	24	371	371	855
2023	0	0	0	0	0	41	5	262	24	332	332	956
2024	0	0	0	0	0	41	5	278	27	351	351	1,053
2025	0	0	0	0	0	41	5	277	28	352	352	1,144
2026	0	0	0	0	0	42	5	280	28	354	354	1,227
2027	0	0	0	0	0	42	5	288	29	343	363	1,305
2028	0	0	0	0	0	42	4	296	32	373	373	1,379
2029	0	0	0	0	0	43	4	284	34	368	368	1,446
2030	0	1	751	0	752	43	4	295	38	388	(372)	1,384
2031	0	0	0	0	0	42	4	304	42	392	392	1,444
2032	0	0	0	0	0	44	4	303	43	394	394	1,500
2033	0	0	0	0	0	44	4	315	46	408	408	1,553
2034	0	0	0	0	0	46	4	319	46	415	415	1,602
2035	0	0	0	0	0	46	4	333	52	435	435	1,650
2036	0	0	0	0	0	46	4	348	56	459	459	1,695
2037	0	0	0	0	0	47	3	360	60	470	470	1,738
2038	0	0	0	0	0	46	3	372	63	484	484	1,779
2039	0	0	0	0	0	45	3	383	67	506	506	1,818
2040	0	1	962	0	963	47	3	393	65	508	(454)	1,786
2041	0	0	0	0	0	46	3	409	70	528	528	1,921
2042	0	0	0	0	0	46	3	426	77	551	551	1,971
2043	0	0	0	0	0	46	3	449	84	582	582	1,886
2044	0	0	0	0	0	0	0	0	0	0	0	0
2045	0	0	0	0	0	0	0	0	0	0	0	0
2046	0	0	0	0	0	0	0	0	0	0	0	0
2047	0	0	0	0	0	0	0	0	0	0	0	0
2048	0	0	0	0	0	0	0	0	0	0	0	0
2049	0	0	0	0	0	0	0	0	0	0	0	0
2050	0	0	0	0	0	0	0	0	0	0	0	0
NOM	0	3	2,759	0	2,762	1,092	157	2,466	1,196	11,911	9,150	
NPV	0	1	946	0	946	197	56	2,267	213	2,731	1,866	

Discount Rate: 0.09 %  
Benefit/Cost Ratio (Col(11) / Col(5)) : 3.23





I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	35.40 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	47.28 KW
(3) KW LINE LOSS PERCENTAGE	8.66 %
(4) GENERATOR KW REDUCTION PER CUSTOMER	313,622.35 KWH
(5) KW LINE LOSS PERCENTAGE	6.50 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KW INCREASE AT METER	0.00 KW

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 RATES	*** %**
(10) UTILITY DISCOUNT RATE	8.80 %
(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	24.64 \$/KW
(7) GEN. TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	37.66 \$/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	1.81 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	1.106 CENTS\$/KW
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	854 ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	\$2.23 CENTS PER KW-HR** (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\$/KW
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW/DO
(4) DEMAND CHARGE ESCALATION RATE	*** %



1  
2  
3  
CALCULATION OF GENE-FACTOR  
PROGRAM METHOD SELECTED REV REQ  
PROGRAM NAME: [REDACTED]

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) DEPRECI- ATION \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT FIXED CHARGES \$(000)	(13) CUMULATIVE FW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	52	2	0	4	2	1	0	2	0	11	11	11	50
2020	50	2	0	3	2	1	0	2	1	10	10	20	52
2021	47	1	0	3	2	1	0	2	1	10	8	28	53
2022	44	1	0	3	2	1	0	2	0	10	7	36	54
2023	42	1	0	3	2	1	0	2	0	9	7	43	56
2024	39	1	0	3	2	1	0	2	0	9	5	49	57
2025	37	1	0	3	2	1	0	2	0	9	5	54	58
2026	35	1	0	2	2	1	0	2	0	8	5	58	60
2027	33	1	0	2	1	1	0	2	0	8	4	62	61
2028	31	1	0	2	1	1	0	2	0	7	3	66	63
2029	28	1	0	2	1	1	0	2	0	7	3	69	64
2030	25	1	0	2	1	0	0	2	0	7	3	71	66
2031	24	1	0	2	1	0	0	2	0	6	2	74	68
2032	22	1	0	2	1	0	0	2	0	6	2	76	69
2033	20	1	0	1	1	0	0	2	0	6	2	78	71
2034	18	1	0	1	1	0	0	2	0	5	2	79	73
2035	16	0	0	1	1	0	0	2	0	5	1	80	75
2036	13	0	0	1	1	0	0	2	0	5	1	82	77
2037	11	0	0	1	0	0	0	2	0	4	1	83	79
2038	9	0	0	1	0	0	0	2	0	4	1	84	80
2039	7	0	0	0	1	0	1	2	(0)	4	1	84	82
2040	5	0	0	0	1	0	1	2	(1)	4	1	85	83
2041	4	0	0	0	1	0	1	2	(1)	3	1	85	84
2042	3	0	0	0	1	0	1	2	(1)	3	0	85	85
2043	1	0	0	0	1	(0)	1	2	(1)	3	0	86	91

IN SERVICE COST (\$000)	50
IN SERVICE YEAR	2019
BOOKLINE (YRS)	25
REG. TAX RATE	36.57%
DISCOUNT RATE	3.9%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	44%	7.85%
PN	0%	0.00%
OE	56%	12.50%

K-FACTOR - CPWFC / IN-SVG COST - 1.70738

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK/DEPR RATE MINUS LIFE	(10)*(11)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	2	2	2	2	2	2	0	5	0	0	0	0	(1)
2020	7.28%	4	5	2	4	4	4	1	5	0	0	0	1	(1)
2021	6.68%	3	9	2	6	2	5	1	5	0	0	0	1	(0)
2022	6.18%	3	12	2	8	2	7	0	5	0	0	0	0	0
2023	5.71%	3	14	2	10	2	9	0	5	0	0	0	0	0
2024	5.25%	3	17	2	12	2	11	0	5	0	0	0	0	1
2025	4.80%	2	19	2	14	2	13	0	5	0	0	0	0	1
2026	4.32%	2	22	2	16	2	15	0	5	0	0	0	0	1
2027	4.46%	2	24	2	18	2	16	0	5	0	0	0	0	2
2028	4.46%	2	26	2	20	2	18	0	5	0	0	0	0	2
2029	4.46%	2	28	2	22	2	20	0	5	0	0	0	0	2
2030	4.46%	2	30	2	24	2	22	0	5	0	0	0	0	2
2031	4.46%	2	33	2	26	2	24	0	5	0	0	0	0	2
2032	4.46%	2	35	2	28	2	26	0	5	0	0	0	0	2
2033	4.46%	1	37	2	30	2	27	0	5	0	0	0	0	2
2034	4.46%	2	39	2	32	2	29	0	5	0	0	0	0	3
2035	4.46%	2	41	2	34	2	31	0	5	0	0	0	0	3
2036	4.46%	2	43	2	36	2	33	0	5	0	0	0	0	3
2037	4.46%	2	46	2	38	2	35	0	5	0	0	0	0	3
2038	4.46%	2	48	2	40	2	37	0	5	0	0	0	0	3
2039	2.23%	1	49	2	42	2	38	(0)	5	0	0	0	0	3
2040	0.00%	0	49	2	44	2	40	(1)	5	0	0	0	0	2
2041	0.00%	0	49	2	46	2	42	(1)	5	0	0	0	0	1
2042	0.00%	0	48	2	48	2	44	(1)	5	0	0	0	0	1
2043	0.00%	0	49	2	50	2	46	(1)	5	0	0	0	0	0

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



1  
2  
3

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

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2019	3.75%	2	0	42	2	(1)	32	30	31
2020	7.52%	4	1	46	4	(1)	30	47	48
2021	6.68%	3	1	44	5	(0)	47	44	46
2022	6.18%	3	0	42	8	0	44	42	43
2023	5.71%	3	0	40	10	1	42	39	41
2024	5.25%	3	0	38	12	1	39	37	38
2025	4.80%	2	0	36	14	1	37	35	36
2026	4.32%	2	0	34	16	1	35	33	34
2027	4.40%	2	0	32	18	2	33	31	32
2028	4.48%	2	0	30	20	2	31	28	30
2029	4.48%	2	0	28	22	2	28	26	27
2030	4.48%	2	0	26	24	2	26	24	25
2031	4.48%	2	0	24	26	2	24	22	23
2032	4.48%	2	0	22	28	2	22	20	21
2033	4.48%	2	0	20	30	2	20	18	19
2034	4.48%	2	0	18	32	3	18	16	17
2035	4.48%	2	0	16	34	3	16	13	14
2036	4.48%	2	0	14	36	3	13	11	12
2037	4.48%	2	0	12	38	3	11	9	10
2038	4.48%	2	0	10	40	3	9	7	8
2039	2.23%	1	(0)	8	42	3	7	5	6
2040	0.00%	0	(1)	6	44	2	5	4	5
2041	0.00%	0	(1)	4	46	1	4	3	3
2042	0.00%	0	(1)	2	48	1	3	1	2
2043	0.00%	0	(1)	(0)	50	0	1	0	1

\* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$K/W)	(7) CUMULATIVE AVERAGE SPENDING (\$K/W)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	0.00%	1.010	0.00%	0.00	0.00
2011	-8	0.00%	1.061	0.00%	0.00	0.00
2012	-7	0.00%	1.099	0.00%	0.00	0.00
2013	-6	0.00%	1.126	0.15%	1.24	0.62
2014	-5	0.00%	1.159	1.90%	15.99	9.54
2015	-4	0.00%	1.194	4.57%	39.61	37.03
2016	-3	0.00%	1.230	37.29%	331.87	222.77
2017	-2	0.00%	1.267	45.74%	420.27	598.04
2018	-1	0.00%	1.305	10.44%	98.79	858.38

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$K/W)	(4) DEBT AFUDC (\$K/W)	(5) CUMULATIVE DEBT ASUDC (\$K/W)	(6) YEARLY TOTAL AFUDC (\$K/W)	(7) CUMULATIVE TOTAL AFUDC (\$K/W)	(8) CONSTRUCTION PERIOD INTEREST (\$K/W)	(9) CUMULATIVE CPI (\$K/W)	(10) DEFERRED TAXES (\$K/W)	(11) CUMULATIVE DEFERRED TAXES (\$K/W)	(12) INCREMENTAL YEAR-END BOOK VALUE (\$K/W)	(13) 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	0.02	0.62	0.85	0.85	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	0.79	(0.14)	(0.15)	16.78	18.07
2015	-4	37.87	1.38	1.49	3.22	4.06	2.65	3.35	(0.97)	(0.72)	42.83	60.90
2016	-3	226.94	7.07	8.56	19.29	93.36	15.90	19.25	(3.41)	(4.13)	351.16	412.86
2017	-2	622.20	19.46	28.81	53.10	76.45	45.47	62.72	(9.25)	(13.39)	473.37	885.43
2018	-1	594.83	29.46	37.47	80.39	156.84	64.78	127.50	(13.62)	(27.02)	179.18	1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,389,035
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	43	43	43		
EQUITY AFUDC	5	5			
DEBT AFUDC	3	3			
CPI			5		
TOTAL	50	46	48		

\* Column not specified in workbook

1  
2  
3  
INPUT DATA - PART 2  
PROGRAM METHOD SELECTED: KEY REQ  
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (\$/KWH)	(5) AVOIDED MARGINAL FUEL COST (\$/KWH)	(6)* INCREASED MARGINAL FUEL COST (\$/KWH)	(7) REPLACEMENT FUEL COST (\$/KWH)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KW EFFECTIVENESS FACTOR
2009	0	0	6.39	9.17	6.39	0.00	1.00	1.00
2010	1	1	6.41	12.40	6.44	0.00	1.00	1.00
2011	1	1	6.35	10.43	6.38	0.00	1.00	1.00
2012	1	1	6.43	11.03	6.46	0.00	1.00	1.00
2013	1	1	7.96	9.87	7.98	0.00	1.00	1.00
2014	1	1	7.53	10.48	7.54	0.00	1.00	1.00
2015	1	1	8.11	11.93	8.14	0.00	1.00	1.00
2016	1	1	9.00	12.94	9.03	0.00	1.00	1.00
2017	1	1	9.75	13.98	9.79	0.00	1.00	1.00
2018	1	1	10.52	14.72	10.56	0.00	1.00	1.00
2019	1	1	11.50	17.76	11.55	10.41	1.00	1.00
2020	1	1	12.08	17.89	12.13	10.50	1.00	1.00
2021	1	1	12.57	18.97	12.62	10.74	1.00	1.00
2022	1	1	13.06	20.04	13.12	10.81	1.00	1.00
2023	1	1	13.39	19.47	13.45	10.88	1.00	1.00
2024	1	1	13.85	20.42	14.02	10.84	1.00	1.00
2025	1	1	14.40	21.02	14.46	10.96	1.00	1.00
2026	1	1	14.70	21.26	14.77	11.05	1.00	1.00
2027	1	1	15.13	21.85	15.20	11.17	1.00	1.00
2028	1	1	15.60	22.43	15.67	11.36	1.00	1.00
2029	1	1	16.02	22.59	16.09	11.41	1.00	1.00
2030	1	1	16.52	23.30	16.58	11.59	1.00	1.00
2031	1	1	17.08	24.09	17.13	11.80	1.00	1.00
2032	1	1	17.50	24.23	17.57	11.88	1.00	1.00
2033	1	1	18.27	25.03	18.32	12.10	1.00	1.00
2034	1	1	18.73	25.34	18.76	12.14	1.00	1.00
2035	1	1	19.37	26.57	19.60	12.29	1.00	1.00
2036	1	1	20.40	27.70	20.41	12.55	1.00	1.00
2037	1	1	21.11	28.59	21.12	12.70	1.00	1.00
2038	1	1	22.02	29.54	22.04	13.04	1.00	1.00
2039	1	1	22.78	30.57	22.80	13.32	1.00	1.00
2040	1	1	23.59	31.18	23.61	13.44	1.00	1.00
2041	1	1	24.54	32.35	24.55	13.75	1.00	1.00
2042	1	1	25.50	33.47	25.51	14.10	1.00	1.00
2043	1	1	26.74	35.55	26.75	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.







TOTAL RESOURCE COST TEST  
PROGRAM(S) SELECTED: BY REQ  
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) PARTICIPANT PROGRAM COSTS \$(000)	(5) OTHER COSTS \$(000)	(6) TOTAL COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)	(8) AVOIDED T&D BENEFITS \$(000)	(9) PROGRAM FUEL SAVINGS \$(000)	(10) OTHER BENEFITS \$(000)	(11) TOTAL BENEFITS \$(000)	(12) NET BENEFITS \$(000)	(13) CUMULATIVE DISCOUNTED NET BENEFITS \$ (000)
2009	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	1	131	0	132	0	0	23	1	23	(108)	(99)
2011	0	0	0	0	0	0	0	38	1	40	40	(59)
2012	0	0	0	0	0	0	0	40	1	43	43	(20)
2013	0	0	0	0	0	0	0	35	3	40	40	(4)
2014	0	0	0	0	0	0	0	37	3	42	42	23
2015	0	0	0	0	0	0	0	42	3	48	48	52
2016	0	0	0	0	0	0	0	46	4	52	52	81
2017	0	0	0	0	0	0	0	50	5	56	56	109
2018	0	0	0	0	0	0	0	52	5	59	59	136
2019	0	0	0	0	0	13	2	64	5	83	83	172
2020	0	1	168	0	169	12	2	64	6	83	(83)	139
2021	0	0	0	0	0	12	2	68	6	87	87	170
2022	0	0	0	0	0	11	2	72	7	91	91	200
2023	0	0	0	0	0	12	1	69	7	89	89	227
2024	0	0	0	0	0	12	1	73	8	93	93	253
2025	0	0	0	0	0	12	1	75	8	96	96	278
2026	0	0	0	0	0	12	1	75	8	97	97	300
2027	0	0	0	0	0	12	1	77	9	99	99	322
2028	0	0	0	0	0	12	1	80	9	101	101	342
2029	0	0	0	0	0	12	1	80	9	103	103	361
2030	0	1	215	0	216	12	1	82	10	106	(110)	342
2031	0	0	0	0	0	12	1	83	10	109	109	359
2032	0	0	0	0	0	13	1	85	11	110	110	375
2033	0	0	0	0	0	13	1	88	12	113	113	389
2034	0	0	0	0	0	13	1	89	12	115	115	403
2035	0	0	0	0	0	13	1	93	14	121	121	416
2036	0	0	0	0	0	13	1	97	15	127	127	429
2037	0	0	0	0	0	13	1	100	16	131	131	441
2038	0	0	0	0	0	13	1	104	17	135	135	452
2039	0	0	0	0	0	13	1	107	18	139	139	463
2040	0	1	275	0	276	13	1	109	18	142	(134)	454
2041	0	0	0	0	0	13	1	113	20	147	147	468
2042	0	0	0	0	0	13	1	117	22	153	153	473
2043	0	0	0	0	0	13	1	125	24	163	163	482
2044	0	0	0	0	0	0	0	0	0	0	0	0
2045	0	0	0	0	0	0	0	0	0	0	0	0
2046	0	0	0	0	0	0	0	0	0	0	0	0
2047	0	0	0	0	0	0	0	0	0	0	0	0
2048	0	0	0	0	0	0	0	0	0	0	0	0
2049	0	0	0	0	0	0	0	0	0	0	0	0
2050	0	0	0	0	0	0	0	0	0	0	0	0
NOM	0	3	788	0	791	312	43	2,554	326	3,237	2,446	
NPV	0	1	242	0	243	56	16	594	28	724	482	

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

2.83 %  
2.59







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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	154.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	178.99 KW
(3) KW/LINE LOSS PERCENTAGE .....	8.66 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER .....	607,100.26 KVA
(5) KW/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 .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.7028
(5) K FACTOR FOR T & D .....	1.6325

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 .....	3.89 %
(11) UTILITY AFUDC RATE .....	3.49 %
(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 .....	725.59 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	185.22 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	20.44 \$/KW
(7) GEN. TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	\$7.66 \$/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 .....	1.61 \$/KW
(12) T&D FIXED O & M ESCALATION RATE .....	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	6.106 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 .....	3.25 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/KVA
(2) NON-FUEL COST ESCALATION RATE .....	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL .....	*** \$/KW/DO
(4) DEMAND CHARGE ESCALATION RATE .....	*** %



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CALCULATION OF GENX-FACTOR  
PROGRAM/METHOD SELECTED REV REQ  
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)	DEPRCL \$ (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	135	6	0	14	9	3	1	8	0	41	41	41	191
2020	188	6	0	13	6	3	1	8	2	40	36	77	195
2021	178	6	0	12	6	3	1	8	2	38	32	109	200
2022	168	5	0	12	6	3	1	8	2	36	28	137	205
2023	159	5	0	11	6	3	1	8	1	35	25	162	210
2024	149	5	0	10	6	3	1	8	1	34	23	184	216
2025	141	4	0	10	6	2	1	8	1	32	20	204	221
2026	132	4	0	9	6	2	1	8	1	31	17	221	227
2027	124	4	0	9	5	2	1	8	1	30	15	236	232
2028	116	4	0	8	5	2	1	8	1	28	13	249	238
2029	108	3	0	8	5	2	1	8	1	27	12	260	244
2030	100	3	0	7	4	2	2	8	1	26	10	271	250
2031	92	3	0	6	4	2	2	8	1	25	9	279	256
2032	83	3	0	6	4	2	2	8	1	23	8	287	263
2033	75	2	0	5	3	1	2	8	1	22	7	294	269
2034	67	2	0	5	3	1	2	8	1	21	6	300	276
2035	59	2	0	4	3	1	2	8	1	19	5	305	283
2036	51	2	0	4	2	1	2	8	1	18	4	309	290
2037	43	1	0	3	2	1	2	8	1	17	4	312	297
2038	35	1	0	2	1	1	2	8	1	16	3	316	305
2039	26	1	0	2	3	1	2	8	(1)	14	3	318	312
2040	20	1	0	1	4	0	2	8	(3)	13	2	320	320
2041	15	0	0	1	4	0	2	8	(3)	12	2	322	328
2042	10	0	0	1	4	0	2	8	(3)	12	2	324	336
2043	5	0	0	0	3	0	2	8	(3)	11	1	325	345

IN SERVICE COST (\$000)	191
IN SERVICE YEAR	2019
SOCK LIFE (YRS)	25
EXEC. TAX RATE	31.57%
DISCOUNT RATE	8.9%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.51%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	44%	7.05%
P/S	8%	0.00%
C/S	56%	12.58%

X-FACTOR = CPWFC / IN-SVC COST = 1.7078

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR. FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AS UDC \$(000)	BOOK DEPR. RATE MINUS LLIE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	7	7	8	8	7	7	0	18	0	0	0	0	(5)
2020	7.25%	13	20	8	15	7	14	2	18	0	0	0	2	(2)
2021	6.88%	12	33	8	23	7	21	3	18	0	0	0	2	(1)
2022	6.18%	11	44	8	30	7	28	2	18	0	0	0	2	2
2023	5.71%	11	55	8	38	7	35	1	18	0	0	0	1	3
2024	5.29%	10	65	8	46	7	41	1	18	0	0	0	1	4
2025	4.89%	9	74	8	53	7	48	1	18	0	0	0	1	5
2026	4.52%	8	82	8	61	7	55	1	18	0	0	0	1	5
2027	4.40%	8	90	8	69	7	62	1	18	0	0	0	1	6
2028	4.40%	8	99	8	76	7	69	1	18	0	0	0	1	7
2029	4.40%	8	107	8	84	7	76	1	18	0	0	0	1	7
2030	4.40%	8	115	8	91	7	83	1	18	0	0	0	1	8
2031	4.40%	8	123	8	99	7	90	1	18	0	0	0	1	8
2032	4.40%	8	132	8	107	7	97	1	18	0	0	0	1	9
2033	4.40%	8	140	8	114	7	104	1	18	0	0	0	1	9
2034	4.40%	8	148	8	122	7	111	1	18	0	0	0	1	10
2035	4.40%	8	156	8	130	7	117	1	18	0	0	0	1	10
2036	4.40%	8	165	8	137	7	124	1	18	0	0	0	1	11
2037	4.40%	8	173	8	145	7	131	1	18	0	0	0	1	11
2038	4.40%	8	181	8	152	7	138	1	18	0	0	0	1	12
2039	2.23%	4	185	8	160	7	145	(1)	18	0	0	0	(1)	11
2040	0.00%	0	185	8	168	7	152	(2)	18	0	0	0	(2)	8
2041	0.00%	0	185	8	175	7	159	(2)	18	0	0	0	(2)	5
2042	0.00%	0	185	8	183	7	166	(2)	18	0	0	0	(2)	3
2043	0.00%	0	185	8	191	7	173	(2)	18	0	0	0	(2)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(5)
TOTAL EQUITY AS UDC CAPITALIZED (SEE PAGE 5)	18
BOOK DEPR RATE - USEFUL LIFE	4.00%

1  
2  
3

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

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(6)* ACCUMULATED DEPRECIATION \$(000)	(7)* ACCUMULATED DEF TAXES \$(000)	(8) BEGINNING YEAR RATE BASE \$(000)	(9) ENDING OF YEAR RATE BASE \$(000)	(10) MID-YEAR RATE BASE \$(000)
2019	3.75%	7	0	183	8	(5)	182	188	192
2020	7.22%	13	2	175	15	(2)	188	178	183
2021	6.63%	12	2	168	23	(9)	178	168	173
2022	6.18%	11	2	160	30	2	168	159	163
2023	5.71%	11	1	152	38	3	159	149	154
2024	5.29%	10	1	145	46	4	149	141	145
2025	4.89%	9	1	137	53	5	141	132	137
2026	4.52%	8	1	130	61	5	132	124	128
2027	4.16%	8	1	122	69	6	124	116	120
2028	4.46%	8	1	114	76	7	116	108	112
2029	4.46%	8	1	107	84	7	108	100	104
2030	4.46%	8	1	99	91	8	100	92	96
2031	4.46%	8	1	91	99	8	92	85	87
2032	4.46%	8	1	84	107	9	83	75	79
2033	4.46%	8	1	76	114	9	75	67	71
2034	4.46%	8	1	69	122	10	67	59	63
2035	4.46%	8	1	61	130	10	59	51	55
2036	4.46%	8	1	53	137	11	51	43	47
2037	4.46%	8	1	46	145	11	43	35	39
2038	4.46%	8	1	38	152	12	35	26	30
2039	2.23%	4	(1)	30	160	11	26	20	23
2040	0.00%	0	(3)	23	168	8	20	15	17
2041	0.00%	0	(3)	15	175	5	15	10	12
2042	0.00%	0	(3)	8	183	3	10	5	7
2043	0.00%	0	(3)	0	191	0	5	0	2

\* 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	0.00%	1.010	0.00%	0.00	0.00
2011	-8	0.00%	1.061	0.00%	0.00	0.00
2012	-7	0.00%	1.093	0.00%	0.00	0.00
2013	-6	0.00%	1.126	0.15%	1.24	0.62
2014	-5	0.00%	1.159	1.90%	15.99	9.24
2015	-4	0.00%	1.194	4.57%	39.61	37.03
2016	-3	0.00%	1.230	37.20%	331.87	222.77
2017	-2	0.00%	1.267	45.74%	420.27	298.84
2018	-1	0.00%	1.305	10.44%	58.79	89.38

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$K/W)	(4)* DEBT AFUDC (\$K/W)	(5)* CUMULATIVE DEBT AFUDC (\$K/W)	(6) YEARLY AFUDC (\$K/W)	(7)* CUMULATIVE TOTAL AFUDC (\$K/W)	(8)* CONSTRUCTION PERIOD INTEREST (\$K/W)	(9)* CUMULATIVE CFI (\$K/W)	(10)* DEFERRED TAXES (\$K/W)	(11)* CUMULATIVE DEFERRED TAXES (\$K/W)	(12) INCREMENTAL BOOK VALUE (\$K/W)	(13) CUMULATIVE 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	0.62	0.65	0.65	0.84	0.84	(0.01)	(0.01)	1.29	1.29
2014	-5	9.29	0.29	0.30	0.79	0.34	6.65	6.70	(0.14)	(0.15)	16.78	18.07
2015	-4	37.87	1.18	1.49	3.22	4.66	2.85	9.35	(0.57)	(0.78)	42.83	60.90
2016	-3	226.84	7.07	8.56	19.29	28.36	15.90	19.25	(3.41)	(4.13)	351.15	412.06
2017	-2	622.33	19.46	28.81	53.18	76.45	43.47	62.72	(9.28)	(13.39)	473.37	885.43
2018	-1	394.83	29.46	57.47	80.30	156.84	64.78	127.50	(13.63)	(27.02)	179.18	1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,385,803
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 CASE	162	162	162		
EQUITY AFUDC	18				
DEBT AFUDC	10	10			
CFI			23		
TOTAL	191	173	185		

\* Column not specified in workbook

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INPUT DATA - PART 2  
PROGRAM METHOD SELECTED: REV REQ  
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 KWh EFFECTIVENESS FACTOR
2009	0	0	6.73	9.17	6.73	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	10.59	1.00	1.00
2021	1	1	12.57	21.76	12.57	10.74	1.00	1.00
2022	1	1	13.06	23.65	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	25.05	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	24.55	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	18.73	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	28.20	20.40	12.53	1.00	1.00
2037	1	1	21.11	29.22	21.11	12.78	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	24.34	33.28	24.34	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	14.49	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.







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AVOIDED GENERATING EMISSION IMPACT  
PROGRAM/METHOD SELECTED, REV\_REQ  
PROGRAMNAME: [REDACTED]

YEAR	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	REPLACEMENT EMISSION COST \$(000)	PROGRAM EMISSION BENEFIT \$(000)	OFF-PEAK EMISSION PATRACK COST \$(000)	NET EMISSION BENEFIT \$(000)
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	2	0	2
2012	0	0	1	0	1
2013	0	0	6	0	6
2014	0	0	6	0	6
2015	0	0	7	0	7
2016	0	0	8	0	8
2017	0	0	9	0	9
2018	0	0	10	0	10
2019	7	9	11	0	9
2020	10	13	12	0	9
2021	11	15	13	0	9
2022	13	17	15	0	11
2023	15	19	15	0	10
2024	17	22	16	0	11
2025	20	25	17	0	12
2026	22	28	17	0	11
2027	25	31	19	0	12
2028	27	34	20	0	13
2029	31	39	23	0	15
2030	34	43	24	0	15
2031	37	47	27	0	17
2032	41	52	28	0	17
2033	48	60	30	0	18
2034	53	67	31	0	17
2035	57	72	34	0	19
2036	62	79	37	0	20
2037	68	86	40	0	22
2038	73	93	42	0	23
2039	79	100	45	0	24
2040	86	108	45	0	22
2041	92	117	48	0	24
2042	92	117	52	0	27
2043	92	117	56	0	31
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NCM	1,113	1,410	766	0	469
NPV	135	171	128	0	92



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PARTICIPANT COSTS AND BENEFITS  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANT'S 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	32	0	28	0	59	271	0	0	271	(211)	(194)
2011	65	0	0	0	65	0	0	0	0	65	(139)
2012	69	0	0	0	69	0	0	0	0	69	(96)
2013	73	0	0	0	73	0	0	0	0	73	(94)
2014	78	0	0	0	78	0	0	0	0	78	17
2015	82	0	0	0	82	0	0	0	0	82	66
2016	85	0	0	0	85	0	0	0	0	85	115
2017	89	0	0	0	89	0	0	0	0	89	178
2018	92	0	0	0	92	0	0	0	0	92	201
2019	96	0	0	0	96	0	0	0	0	96	242
2020	98	0	22	0	124	346	0	0	346	(222)	155
2021	99	0	0	0	99	0	0	0	0	99	190
2022	102	0	0	0	102	0	0	0	0	102	224
2023	106	0	0	0	106	0	0	0	0	106	257
2024	112	0	0	0	112	0	0	0	0	112	288
2025	116	0	0	0	116	0	0	0	0	116	317
2026	123	0	0	0	122	0	0	0	0	122	346
2027	129	0	0	0	129	0	0	0	0	129	374
2028	135	0	0	0	135	0	0	0	0	135	401
2029	142	0	0	0	142	0	0	0	0	142	427
2030	150	0	28	0	177	443	0	0	443	(265)	382
2031	157	0	0	0	157	0	0	0	0	157	406
2032	167	0	0	0	167	0	0	0	0	167	430
2033	184	0	0	0	184	0	0	0	0	184	454
2034	187	0	0	0	187	0	0	0	0	187	476
2035	196	0	0	0	196	0	0	0	0	196	497
2036	211	0	0	0	211	0	0	0	0	211	519
2037	223	0	0	0	223	0	0	0	0	223	539
2038	234	0	0	0	234	0	0	0	0	234	559
2039	245	0	0	0	245	0	0	0	0	245	578
2040	258	0	22	0	285	568	0	0	568	(282)	558
2041	272	0	0	0	272	0	0	0	0	272	576
2042	288	0	0	0	288	0	0	0	0	288	595
2043	305	0	0	0	305	0	0	0	0	305	610
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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	4,937	0	110	0	5,107	1,628	0	0	1,628	3,479	
NPV	1,066	0	43	0	1,109	459	0	0	459	610	

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

2019  
8.89 %  
7.22 %



I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	79.50 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	106.69967 KW
(3) KW LINE LOSS PERCENTAGE .....	9.10 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER .....	654,707.09 KWh
(5) KWH LINE LOSS PERCENTAGE .....	6.92 %
(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 .....	39 YEARS
(2) GENERATOR ECONOMIC LIFE .....	30 YEARS
(3) T&D ECONOMIC LIFE .....	35 YEARS
(4) K FACTOR FOR GENERATION .....	1.69764
(5) K FACTOR FOR T & D .....	1.47797

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 .....	7.35 %
(11) UTILITY AFUDC RATE .....	6.69 %
(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 .....	2010
(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 .....	716.52 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	249.15 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	89.72 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	98.61 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	2.50 %**
(10) TRANSMISSION FIXED O & M COST .....	2.83 \$/KW
(11) DISTRIBUTION FIXED O & M COST .....	4.13 \$/KW
(12) T&D FIXED O&M ESCALATION RATE .....	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.059 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 .....	6.94 CENTS PER KWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	4.47 %**

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 .....	*** %

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\* INPUT DATA -- PART 1 CONTINUED  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2010	1	16	0	16	15	5	194	0	0	194
2011	0	0	0	0	33	10	0	0	0	0
2012	0	0	0	0	34	9	0	0	0	0
2013	0	0	0	0	36	9	0	0	0	0
2014	0	0	0	0	38	9	0	0	0	0
2015	0	0	0	0	43	10	0	0	0	0
2016	0	0	0	0	47	10	0	0	0	0
2017	0	0	0	0	50	10	0	0	0	0
2018	0	0	0	0	53	10	0	0	0	0
2019	0	0	0	0	57	10	0	0	0	0
2020	0	0	0	0	61	10	0	0	0	0
2021	0	0	0	0	66	10	0	0	0	0
2022	0	0	0	0	69	12	0	0	0	0
2023	0	0	0	0	69	11	0	0	0	0
2024	0	0	0	0	72	11	0	0	0	0
2025	2	16	0	18	76	11	281	0	0	281
2026	0	0	0	0	80	11	0	0	0	0
2027	0	0	0	0	85	11	0	0	0	0
2028	0	0	0	0	89	11	0	0	0	0
2029	0	0	0	0	94	11	0	0	0	0
2030	0	0	0	0	100	11	0	0	0	0
2031	0	0	0	0	103	11	0	0	0	0
2032	0	0	0	0	112	11	0	0	0	0
2033	0	0	0	0	123	11	0	0	0	0
2034	0	0	0	0	124	11	0	0	0	0
2035	0	0	0	0	132	11	0	0	0	0
2036	0	0	0	0	142	11	0	0	0	0
2037	0	0	0	0	150	11	0	0	0	0
2038	0	0	0	0	157	11	0	0	0	0
2039	0	0	0	0	164	11	0	0	0	0
2040	3	16	0	19	173	11	407	0	0	407
2041	0	0	0	0	181	11	0	0	0	0
2042	0	0	0	0	192	11	0	0	0	0
2043	0	0	0	0	203	11	0	0	0	0
2044	0	0	0	0	215	11	0	0	0	0
2045	0	0	0	0	227	11	0	0	0	0
2046	0	0	0	0	241	11	0	0	0	0
2047	0	0	0	0	255	11	0	0	0	0
2048	0	0	0	0	270	11	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	49	0	52	4,435	409	883	0	0	883
NPV	2	24	0	26	927	132	335	0	0	335

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



32  
**CALCULATION OF GEN X-FACTOR**  
**PROGRAM METHOD SELECTED REV\_RBQ**  
**PROGRAM NAME: [REDACTED]**

(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 PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	109	3	0	6	4	2	1	4	0	20	20	20	106
2020	106	3	0	6	2	2	1	4	2	19	18	37	109
2021	100	3	0	6	2	2	1	4	1	18	16	53	112
2022	95	3	0	6	2	2	1	4	1	18	14	68	115
2023	91	2	0	5	2	2	1	4	1	17	13	81	117
2024	86	2	0	5	2	2	1	4	1	17	11	92	120
2025	81	2	0	5	2	1	1	4	1	16	10	102	123
2026	77	2	0	5	2	1	1	4	1	15	9	112	126
2027	73	2	0	4	2	1	1	4	1	15	8	120	130
2028	69	2	0	4	2	1	1	4	1	14	7	127	133
2029	65	2	0	4	2	1	1	4	1	14	7	134	136
2030	61	2	0	4	2	1	1	4	1	13	6	140	140
2031	57	2	0	3	2	1	1	4	1	13	5	143	143
2032	53	1	0	3	2	1	1	4	1	12	5	150	147
2033	48	1	0	3	1	1	1	4	1	12	4	154	150
2034	44	1	0	3	1	1	1	4	1	11	4	158	154
2035	40	1	0	2	1	1	1	4	1	10	3	161	158
2036	36	1	0	2	1	1	1	4	1	10	3	164	162
2037	32	1	0	2	1	1	1	4	1	9	3	166	166
2038	28	1	0	2	1	1	1	4	1	9	2	169	170
2039	24	1	0	1	1	1	1	4	(0)	8	2	171	174
2040	21	1	0	1	2	1	1	4	(1)	8	2	172	177
2041	18	0	0	1	2	0	1	4	(1)	8	2	174	183
2042	16	0	0	1	2	0	1	4	(1)	7	1	175	188
2043	14	0	0	1	2	0	1	4	(1)	7	1	176	192
2044	11	0	0	1	2	0	1	4	(1)	7	1	177	197
2045	9	0	0	1	2	0	1	4	(1)	6	1	178	202
2046	7	0	0	0	2	0	1	4	(1)	6	1	179	207
2047	5	0	0	0	2	0	1	4	(1)	6	1	180	212
2048	2	0	0	0	2	0	1	4	(1)	5	1	181	218

IN SERVICE COST (\$000)	106
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.5%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	41%	6.51 %
P/S	0%	0.00 %
C/S	59%	10.00 %

K-FACTOR = CPWFC / IN-SVC COST = 1.69764

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX \$(9)-(12)+(13)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	4	4	4	4	3	3	0	8	0	0	0	0	(3)
2020	7.22%	8	12	4	7	3	7	2	8	0	0	0	2	(1)
2021	6.68%	7	19	4	11	3	10	1	8	0	0	0	1	0
2022	6.18%	7	25	4	14	3	13	1	8	0	0	0	1	2
2023	5.71%	6	31	4	18	3	16	1	8	0	0	0	1	3
2024	5.29%	6	37	4	21	3	20	1	8	0	0	0	1	4
2025	4.89%	5	42	4	25	3	23	1	8	0	0	0	1	4
2026	4.52%	5	47	4	28	3	26	1	8	0	0	0	1	5
2027	4.46%	5	52	4	32	3	29	1	8	0	0	0	1	5
2028	4.46%	5	56	4	35	3	33	1	8	0	0	0	1	6
2029	4.46%	5	61	4	39	3	36	1	8	0	0	0	1	7
2030	4.46%	5	66	4	43	3	39	1	8	0	0	0	1	7
2031	4.46%	5	70	4	46	3	42	1	8	0	0	0	1	8
2032	4.46%	5	75	4	50	3	46	1	8	0	0	0	1	8
2033	4.46%	5	80	4	53	3	49	1	8	0	0	0	1	9
2034	4.46%	5	85	4	57	3	52	1	8	0	0	0	1	9
2035	4.46%	5	89	4	60	3	55	1	8	0	0	0	1	10
2036	4.46%	5	94	4	64	3	59	1	8	0	0	0	1	11
2037	4.46%	5	99	4	67	3	62	1	8	0	0	0	1	11
2038	4.46%	5	103	4	71	3	65	1	8	0	0	0	1	12
2039	2.23%	2	106	4	74	3	68	(0)	8	0	0	0	1	11
2040	0.00%	0	106	4	78	3	72	(1)	8	0	0	0	(1)	10
2041	0.00%	0	106	4	82	3	75	(1)	8	0	0	0	(2)	9
2042	0.00%	0	106	4	85	3	78	(1)	8	0	0	0	(2)	8
2043	0.00%	0	106	4	89	3	82	(1)	8	0	0	0	(1)	6
2044	0.00%	0	106	4	92	3	85	(1)	8	0	0	0	(1)	5
2045	0.00%	0	106	4	96	3	88	(1)	8	0	0	0	(1)	4
2046	0.00%	0	106	4	99	3	91	(1)	8	0	0	0	(1)	3
2047	0.00%	0	106	4	103	3	95	(1)	8	0	0	0	(1)	1
2048	0.00%	0	106	4	106	3	98	(1)	8	0	0	0	(1)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE/ COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(3)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	8
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	END OF YEAR NET PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2019	3.75%	4	0	103	4	(3)	105	106	107
2020	7.22%	8	2	99	7	(1)	106	100	103
2021	6.68%	7	1	96	11	0	100	93	98
2022	6.18%	7	1	92	14	2	95	91	93
2023	5.71%	6	1	89	18	3	91	86	88
2024	5.29%	6	1	85	21	4	86	81	84
2025	4.89%	5	1	82	25	4	81	77	79
2026	4.52%	5	1	78	28	5	77	73	75
2027	4.46%	5	1	74	32	5	73	69	71
2028	4.46%	5	1	71	35	6	69	65	67
2029	4.46%	5	1	67	39	7	65	61	63
2030	4.46%	5	1	64	43	7	61	57	59
2031	4.46%	5	1	60	46	8	57	53	55
2032	4.46%	5	1	57	50	8	53	49	50
2033	4.46%	5	1	53	53	9	48	44	46
2034	4.46%	5	1	50	57	9	44	40	42
2035	4.46%	5	1	46	60	10	40	36	38
2036	4.46%	5	1	43	64	11	36	32	34
2037	4.46%	5	1	39	67	11	32	28	30
2038	4.46%	5	1	35	71	12	28	24	26
2039	2.23%	2	(0)	32	74	13	24	21	22
2040	0.00%	0	(1)	28	78	10	21	18	19
2041	0.00%	0	(1)	25	82	9	18	16	17
2042	0.00%	0	(1)	21	85	8	16	14	15
2043	0.00%	0	(1)	18	89	6	14	11	13
2044	0.00%	0	(1)	14	92	5	11	9	10
2045	0.00%	0	(1)	11	96	4	9	7	8
2046	0.00%	0	(1)	7	99	3	7	5	6
2047	0.00%	0	(1)	4	103	1	5	2	3
2048	0.00%	0	(1)	0	106	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 (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2010	-9	0.00%	1.000	0.00%	0.00	0.00
2011	-8	3.00%	1.030	0.00%	0.00	0.00
2012	-7	3.00%	1.061	0.00%	0.00	0.00
2013	-6	3.00%	1.093	0.11%	0.90	0.45
2014	-5	3.00%	1.125	1.18%	9.55	5.68
2015	-4	3.00%	1.159	11.13%	92.43	56.67
2016	-3	3.00%	1.194	51.24%	438.34	322.06
2017	-2	3.00%	1.230	25.20%	222.05	652.26
2018	-1	3.00%	1.267	11.14%	101.11	813.84

100.00% 864.40

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 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)
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	0.45	0.01	0.01	0.03	0.03	0.03	0.03	(0.01)	(0.01)	0.53	0.93
2014	-5	5.71	0.14	0.15	0.38	0.41	0.37	0.40	(0.09)	(0.10)	9.93	16.86
2015	-4	57.08	1.52	1.67	3.32	4.24	3.72	4.12	(0.85)	(0.94)	96.25	107.12
2016	-3	326.30	1.71	10.38	21.89	26.12	21.23	25.35	(4.83)	(5.77)	460.25	567.36
2017	-2	678.29	18.21	28.59	45.76	71.89	44.11	69.46	(9.99)	(15.77)	267.82	835.18
2018	-1	885.73	23.99	52.58	60.30	132.19	57.50	126.97	(12.93)	(28.69)	161.40	996.58

52.58 132.19 126.97 28.69 996.58

IN SERVICE YEAR	2019
PLANT COSTS	716,520,897
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	92	92	92
EQUITY AFUDC	8		
DEBT AFUDC	6	6	
CFI			14
TOTAL	106	98	106

\* Column not specified in workbook

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3

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (CkWh)	(5) AVOIDED MARGINAL FUEL COST (CkWh)	(6)* INCREASED MARGINAL FUEL COST (CkWh)	(7) REPLACEMENT FUEL COST (CkWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KW EFFECTIVENESS FACTOR
2010	1	1	4.63	6.83	4.63	0.00	1.00	1.00
2011	1	1	5.33	7.40	5.33	0.00	1.00	1.00
2012	1	1	5.24	7.66	5.24	0.00	1.00	1.00
2013	1	1	6.07	7.80	6.07	0.00	1.00	1.00
2014	1	1	6.41	8.06	6.41	0.00	1.00	1.00
2015	1	1	7.20	9.74	7.20	0.00	1.00	1.00
2016	1	1	8.14	12.20	8.14	0.00	1.00	1.00
2017	1	1	8.86	12.64	8.86	0.00	1.00	1.00
2018	1	1	9.52	14.07	9.52	0.00	1.00	1.00
2019	1	1	10.24	15.71	10.24	9.10	1.00	1.00
2020	1	1	10.96	15.72	10.96	9.32	1.00	1.00
2021	1	1	11.67	16.44	11.67	9.30	1.00	1.00
2022	1	1	12.17	17.59	12.17	9.33	1.00	1.00
2023	1	1	12.22	17.75	12.22	9.48	1.00	1.00
2024	1	1	13.06	19.24	13.06	9.92	1.00	1.00
2025	1	1	13.70	20.30	13.70	10.57	1.00	1.00
2026	1	1	14.06	20.49	14.06	10.75	1.00	1.00
2027	1	1	14.56	20.91	14.56	10.91	1.00	1.00
2028	1	1	14.81	20.50	14.81	10.91	1.00	1.00
2029	1	1	15.32	21.49	15.32	11.05	1.00	1.00
2030	1	1	15.86	21.15	15.86	11.31	1.00	1.00
2031	1	1	16.42	22.52	16.42	11.49	1.00	1.00
2032	1	1	17.01	23.61	17.01	11.73	1.00	1.00
2033	1	1	17.85	24.78	17.85	12.06	1.00	1.00
2034	1	1	18.28	25.02	18.28	12.11	1.00	1.00
2035	1	1	19.26	26.33	19.26	12.60	1.00	1.00
2036	1	1	20.11	27.30	20.11	12.94	1.00	1.00
2037	1	1	20.71	26.85	20.78	13.06	1.00	1.00
2038	1	1	21.58	27.08	21.58	13.40	1.00	1.00
2039	1	1	22.54	29.46	22.54	13.60	1.00	1.00
2040	1	1	23.17	29.36	23.17	13.57	1.00	1.00
2041	1	1	24.19	30.76	24.19	13.71	1.00	1.00
2042	1	1	25.25	32.47	25.25	13.89	1.00	1.00
2043	1	1	26.27	32.94	26.27	14.43	1.00	1.00
2044	1	1	27.21	32.87	27.21	14.63	1.00	1.00
2045	1	1	27.55	33.38	27.55	15.02	1.00	1.00
2046	1	1	27.98	34.28	27.98	15.39	1.00	1.00
2047	1	1	28.17	32.90	28.17	15.42	1.00	1.00
2048	1	1	28.62	32.68	28.62	15.84	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

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



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

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(9)* PROGRAM OFF-PEAK PAYBACK \$(000)
2010	0	0	0	0	0	0	24	0
2011	0	0	0	0	0	0	51	0
2012	5	0	5	1	0	2	53	0
2013	5	0	5	1	0	2	53	0
2014	5	0	5	1	0	2	53	0
2015	4	0	4	1	0	2	67	0
2016	4	0	4	1	0	1	85	0
2017	4	0	4	1	0	1	88	0
2018	4	0	4	1	0	1	98	0
2019	4	0	4	1	0	1	110	0
2020	4	0	4	1	0	1	109	0
2021	4	0	4	1	0	1	114	0
2022	4	0	4	1	0	1	122	0
2023	3	0	3	1	0	1	124	0
2024	3	0	3	1	0	1	134	0
2025	3	0	3	1	0	1	142	0
2026	3	0	3	1	0	1	143	0
2027	3	0	3	1	0	1	145	0
2028	3	0	3	1	1	1	140	0
2029	3	0	3	1	1	1	149	0
2030	2	0	2	1	1	1	146	0
2031	2	1	3	1	1	1	156	0
2032	2	1	3	1	1	1	163	0
2033	2	1	3	0	1	1	171	0
2034	2	1	3	0	1	1	173	0
2035	2	1	3	0	1	1	182	0
2036	2	1	3	0	1	1	188	0
2037	2	1	3	0	1	1	184	0
2038	2	1	3	0	1	1	185	0
2039	2	1	3	0	1	1	202	0
2040	2	1	3	0	1	1	201	0
2041	2	1	3	0	1	1	210	0
2042	1	1	2	0	1	1	222	0
2043	1	1	2	0	1	1	225	0
2044	1	1	2	0	1	1	223	0
2045	1	1	2	0	1	1	226	0
2046	1	1	2	0	1	1	233	0
2047	1	1	2	0	1	1	222	0
2048	1	1	2	0	1	1	219	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	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.	100	19	119	22	21	43	5,739	0
NPV	40	5	46	10	6	16	1,394	0

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

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AVOIDED GENERATING EMISSION IMPACT  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2010	0	0	1	0	1
2011	0	0	1	0	1
2012	0	0	1	0	1
2013	0	0	6	0	6
2014	0	0	6	0	6
2015	0	0	7	0	7
2016	0	0	8	0	8
2017	0	0	10	0	10
2018	0	0	11	0	11
2019	5	6	11	0	9
2020	9	11	12	0	9
2021	9	13	14	0	11
2022	11	14	14	0	11
2023	11	14	15	0	12
2024	12	16	17	0	13
2025	14	18	19	0	14
2026	15	19	20	0	15
2027	16	21	22	0	17
2028	17	23	22	0	17
2029	19	25	24	0	18
2030	21	27	26	0	20
2031	23	29	28	0	21
2032	25	32	30	0	23
2033	27	35	32	0	24
2034	29	38	34	0	26
2035	32	41	37	0	28
2036	35	44	40	0	30
2037	37	48	43	0	33
2038	40	52	47	0	35
2039	43	56	48	0	36
2040	47	60	53	0	39
2041	50	64	57	0	42
2042	54	69	60	0	44
2043	58	74	60	0	44
2044	62	80	64	0	47
2045	66	85	69	0	51
2046	71	91	74	0	54
2047	76	97	79	0	58
2048	81	103	85	0	62
	0	0	0	0	0
	0	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	1,614	1,305	1,207	0	914
NPV	145	148	212	0	169





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PARTICIPANT COSTS AND BENEFITS  
PROGRAM METHOD SELECTED: REV\_REQ  
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)
2010	22	0	16	0	39	194	0	0	194	(155)	(155)
2011	49	0	0	0	49	0	0	0	0	49	(109)
2012	50	0	0	0	50	0	0	0	0	50	(66)
2013	53	0	0	0	53	0	0	0	0	53	(24)
2014	55	0	0	0	55	0	0	0	0	55	17
2015	62	0	0	0	62	0	0	0	0	62	60
2016	66	0	0	0	66	0	0	0	0	66	109
2017	71	0	0	0	71	0	0	0	0	71	145
2018	74	0	0	0	74	0	0	0	0	74	187
2019	79	0	0	0	79	0	0	0	0	79	228
2020	83	0	0	0	83	0	0	0	0	83	268
2021	90	0	0	0	90	0	0	0	0	90	308
2022	96	0	0	0	96	0	0	0	0	96	348
2023	95	0	0	0	95	0	0	0	0	95	385
2024	98	0	0	0	98	0	0	0	0	98	420
2025	103	0	16	0	119	281	0	0	281	(162)	366
2026	107	0	0	0	107	0	0	0	0	107	399
2027	113	0	0	0	113	0	0	0	0	113	432
2028	119	0	0	0	119	0	0	0	0	119	464
2029	125	0	0	0	125	0	0	0	0	125	496
2030	132	0	0	0	132	0	0	0	0	132	526
2031	137	0	0	0	137	0	0	0	0	137	556
2032	146	0	0	0	146	0	0	0	0	146	586
2033	159	0	0	0	159	0	0	0	0	159	616
2034	161	0	0	0	161	0	0	0	0	161	644
2035	170	0	0	0	170	0	0	0	0	170	671
2036	183	0	0	0	183	0	0	0	0	183	699
2037	192	0	0	0	192	0	0	0	0	192	726
2038	200	0	0	0	200	0	0	0	0	200	752
2039	209	0	0	0	209	0	0	0	0	209	777
2040	219	0	16	0	235	407	0	0	407	(172)	758
2041	229	0	0	0	229	0	0	0	0	229	782
2042	242	0	0	0	242	0	0	0	0	242	805
2043	255	0	0	0	255	0	0	0	0	255	828
2044	270	0	0	0	270	0	0	0	0	270	851
2045	285	0	0	0	285	0	0	0	0	285	874
2046	301	0	0	0	301	0	0	0	0	301	895
2047	318	0	0	0	318	0	0	0	0	318	917
2048	336	0	0	0	336	0	0	0	0	336	938
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	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	5,752	0	49	0	5,801	883	0	0	883	4,919	
NPV	1,249	0	24	0	1,273	335	0	0	335	938	

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

2019  
7.55 %  
3.80

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RATE IMPACT TEST  
PROGRAM METHOD SELECTED: REV\_REQ  
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)
2010	0	1	16	19	0	37	24	0	0	1	25	(12)	(12)
2011	0	0	0	43	0	43	51	1	0	1	53	10	(2)
2012	0	0	0	43	0	43	53	7	0	1	61	18	13
2013	0	0	0	45	0	45	53	7	0	6	66	21	31
2014	0	0	0	47	0	47	55	7	0	6	68	21	46
2015	0	0	0	53	0	53	67	6	0	7	81	28	66
2016	0	0	0	57	0	57	85	6	0	8	100	43	93
2017	0	0	0	60	0	60	98	6	0	10	104	44	119
2018	0	0	0	63	0	63	98	6	0	11	115	51	148
2019	0	0	0	67	0	67	133	8	0	9	148	80	190
2020	0	0	0	71	0	71	125	6	0	9	140	69	223
2021	0	0	0	76	0	76	133	5	0	11	149	73	256
2022	0	0	0	81	0	81	143	5	0	11	159	77	288
2023	0	0	0	80	0	80	146	5	0	12	162	82	320
2024	0	0	0	83	0	83	155	5	0	13	174	91	353
2025	0	2	16	87	0	105	160	5	0	14	179	74	378
2026	0	0	0	91	0	91	161	5	0	15	181	90	406
2027	0	0	0	96	0	96	164	4	0	17	185	89	432
2028	0	0	0	100	0	100	161	4	0	17	182	82	454
2029	0	0	0	106	0	106	170	4	0	18	192	87	475
2030	0	0	0	111	0	111	166	4	0	20	190	79	494
2031	0	0	0	116	0	116	177	4	0	21	202	86	512
2032	0	0	0	123	0	123	185	4	0	23	211	88	530
2033	0	0	0	134	0	134	192	4	0	24	220	86	547
2034	0	0	0	135	0	135	195	4	0	26	225	89	562
2035	0	0	0	143	0	143	203	4	0	28	234	91	577
2036	0	0	0	154	0	154	209	4	0	30	242	88	590
2037	0	0	0	161	0	161	206	3	0	33	242	81	602
2038	0	0	0	168	0	168	206	3	0	35	245	77	612
2039	0	0	0	173	0	173	224	3	0	36	264	88	622
2040	0	3	16	183	0	202	226	3	0	39	268	66	630
2041	0	0	0	192	0	192	237	3	0	42	283	91	639
2042	0	0	0	203	0	203	251	3	0	44	298	95	649
2043	0	0	0	214	0	214	252	3	0	44	298	84	656
2044	0	0	0	226	0	226	252	3	0	47	301	76	663
2045	0	0	0	238	0	238	255	3	0	51	308	70	668
2046	0	0	0	251	0	251	262	3	0	54	319	67	673
2047	0	0	0	266	0	266	254	3	0	58	315	49	676
2048	0	0	0	281	0	281	252	3	0	62	317	36	679
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	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	5	49	4,844	0	4,899	6,428	162	0	166	7,506	2,602	
NPV	0	2	24	1,059	0	1,085	1,533	61	0	169	1,763	679	

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

7.55 %  
1.63

Docket No. 120002-EG  
Florida Power & Light Co.  
Exhibit AS-1  
Schedule CT-6  
Page 86 of 99

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	411.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	549.56 KW
(3) KW LINE LOSS PERCENTAGE	1.66 %
(4) GENERATOR KW% REDUCTION PER CUSTOMER	2,497,968.78 KW% 6.90 %
(5) KW% LINE LOSS PERCENTAGE	1.00 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KW% INCREASE AT METER	0.00 KW%

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	25 YEARS
(4) K FACTOR FOR GENERATION	1.70798
(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	*** \$COST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$COST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	1.19 %
(11) UTILITY AFDC 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	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	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	0.106 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	\$1.23 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  
2  
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CALCULATION OF GEN X-FACTOR  
PROGRAM METHOD SELECTED REV\_REQ  
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 FW FIXED CHARGES \$'(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$'(000)
2019	399	19	0	42	28	10	4	23	0	125	125	125	384
2020	576	18	0	40	19	10	4	23	8	121	111	237	599
2021	545	17	0	38	19	9	4	23	6	117	98	335	614
2022	515	16	0	36	19	9	4	23	5	112	87	422	629
2023	486	15	0	34	18	8	4	23	4	107	76	498	645
2024	459	14	0	32	18	8	4	23	3	103	67	565	661
2025	432	13	0	30	18	8	4	23	3	99	59	625	678
2026	406	13	0	28	17	7	4	23	2	95	52	677	695
2027	381	12	0	27	16	7	4	23	2	91	46	723	712
2028	356	11	0	25	15	6	4	23	2	87	40	763	730
2029	331	10	0	23	14	6	5	23	2	83	35	799	748
2030	306	9	0	21	13	5	5	23	2	79	31	830	767
2031	281	9	0	20	12	5	5	23	2	75	27	857	786
2032	256	8	0	18	11	5	5	23	2	71	24	881	806
2033	231	7	0	16	10	4	5	23	2	67	20	901	826
2034	206	6	0	14	9	4	5	23	2	63	18	919	846
2035	181	6	0	13	8	3	5	23	2	60	15	934	866
2036	156	5	0	11	7	3	5	23	2	56	13	947	889
2037	131	4	0	9	5	3	6	23	2	52	11	958	912
2038	106	3	0	7	4	2	6	23	2	48	9	968	934
2039	81	3	0	6	3	2	6	23	(3)	44	8	976	958
2040	61	2	0	4	12	1	6	23	(6)	41	7	983	982
2041	46	1	0	3	12	1	6	23	(9)	38	6	988	1,006
2042	30	1	0	2	11	0	6	23	(8)	36	5	994	1,031
2043	15	0	0	1	10	0	6	23	(8)	33	4	998	1,057

IN SERVICE COST (\$'(000))	384
IN SERVICE YEAR	2019
BOOKLIFE (YRS)	25
EFFEC. TAX RATE	34.57%
DISCOUNT RATE	8.5%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	44%	7.83%
PS	0%	0.00%
CS	56%	12.50%

X-FACTOR = CFWFC / IN-SVC COST = 1.70738

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION  
PROGRAM METHOD SELECTED: REY\_RBQ  
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%	21	21	21	23	21	21	0	55	0	0	0	0	(15)
2020	7.22%	41	62	23	47	21	42	1	55	0	0	0	1	(7)
2021	6.88%	38	100	23	70	21	64	6	55	0	0	0	6	(1)
2022	6.18%	35	135	23	94	21	85	5	55	0	0	0	5	5
2023	5.71%	32	168	23	117	21	106	4	55	0	0	0	4	9
2024	5.29%	30	198	23	140	21	127	3	55	0	0	0	3	12
2025	4.89%	28	226	23	164	21	148	3	55	0	0	0	3	15
2026	4.52%	26	251	23	187	21	170	2	55	0	0	0	2	17
2027	4.46%	25	277	23	210	21	191	2	55	0	0	0	2	18
2028	4.46%	25	302	23	234	21	212	2	55	0	0	0	2	20
2029	4.46%	25	327	23	257	21	233	2	55	0	0	0	2	22
2030	4.46%	25	353	23	281	21	254	2	55	0	0	0	2	23
2031	4.46%	25	378	23	304	21	276	2	55	0	0	0	2	25
2032	4.46%	25	404	23	327	21	297	2	55	0	0	0	2	26
2033	4.46%	25	429	23	351	21	318	2	55	0	0	0	2	28
2034	4.46%	25	454	23	374	21	339	2	55	0	0	0	2	30
2035	4.46%	25	480	23	397	21	360	2	55	0	0	0	2	31
2036	4.46%	25	505	23	421	21	382	2	55	0	0	0	2	33
2037	4.46%	25	530	23	444	21	403	2	55	0	0	0	2	34
2038	4.46%	25	556	23	468	21	424	2	55	0	0	0	2	35
2039	2.23%	13	568	23	491	21	445	(3)	55	0	0	0	(3)	39
2040	0.00%	0	568	23	514	21	466	(1)	55	0	0	0	(1)	25
2041	0.00%	0	568	23	538	21	488	(1)	55	0	0	0	(1)	16
2042	0.00%	0	568	23	561	21	509	(3)	55	0	0	0	(3)	1
2043	0.00%	0	568	23	584	21	530	(3)	55	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)	55
BOOK DEPR RATE - USEFUL LIFE	4.90%

1  
3

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

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(6)* ACCUMULATED DEPRECIATION \$(000)	(6)* 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%	21	0	561	23	(15)	599	574	588
2020	7.22%	41	8	538	47	(7)	576	545	560
2021	6.68%	38	6	514	70	(1)	545	515	530
2022	6.18%	35	5	491	94	5	515	486	501
2023	5.71%	32	4	468	117	9	486	459	472
2024	5.29%	30	3	444	140	12	459	432	445
2025	4.89%	28	3	421	164	15	432	406	419
2026	4.53%	26	2	397	187	17	406	381	398
2027	4.46%	25	2	374	210	18	381	356	368
2028	4.46%	25	2	351	234	20	356	331	343
2029	4.46%	25	2	327	257	22	331	306	318
2030	4.46%	25	2	304	281	23	306	281	293
2031	4.46%	25	2	281	304	25	281	256	268
2032	4.46%	25	2	257	327	26	256	231	243
2033	4.46%	25	2	234	351	28	231	206	218
2034	4.46%	25	2	210	374	30	206	181	193
2035	4.46%	25	2	187	397	31	181	156	168
2036	4.46%	25	2	164	421	33	156	131	143
2037	4.46%	25	2	140	444	34	131	106	118
2038	4.46%	25	2	117	468	36	106	81	93
2039	2.23%	13	(3)	94	491	38	81	61	71
2040	0.00%	0	(6)	70	514	25	61	46	53
2041	0.00%	0	(6)	47	538	16	46	30	38
2042	0.00%	0	(6)	23	561	8	30	15	23
2043	0.00%	0	(6)	0	584	0	15	0	8

\* Column not specified in workbook



Page 5

(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%	0.00	0.00
2014	-5	3.00%	1.159	1.90%	1.24	0.62
2015	-4	3.00%	1.194	4.57%	15.99	9.24
2016	-3	3.00%	1.230	37.20%	39.61	37.03
2017	-2	3.00%	1.267	45.74%	331.87	221.77
2018	-1	3.00%	1.305	10.44%	428.27	598.84
					98.79	858.38

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(4)* DEBT AFUDC (\$/KW)	100.00%		(8)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(10)* CUMULATIVE CPI (\$/KW)	(11)* DEFERRED TAXES (\$/KW)	(12)* DEFERRED TAXES (\$/KW)	(13)* CUMULATIVE DEFERRED TAXES (\$/KW)	(14) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(15) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
				(6)* CUMULATIVE DEBT AFUDC (\$/KW)	(7) YEARLY TOTAL AFUDC (\$/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	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	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	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	0.00
2013	-6	0.02	0.02	0.02	0.05	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00
2014	-5	9.29	0.29	0.30	0.79	0.84	0.65	0.04	(0.01)	(0.01)	1.29	1.29	1.29
2015	-4	37.87	1.18	1.49	3.22	4.06	2.65	0.78	(0.14)	(0.15)	16.78	18.07	18.07
2016	-3	226.84	7.07	8.56	19.29	23.35	15.90	3.35	(0.57)	(0.72)	42.83	60.90	60.90
2017	-2	622.20	39.46	28.01	58.10	76.45	49.47	19.25	(3.41)	(4.13)	351.16	412.06	412.06
2018	-1	934.83	29.46	57.47	80.39	156.84	64.78	62.72	(9.26)	(13.39)	478.37	885.43	885.43
								127.50	(13.63)	(27.02)	179.18	1,064.61	1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,319,855
AFUDCRATE	1.48%

	57.47	156.84	127.50	(13.63)	1,064.61
	BOOK BASIS	BOOK BASIS	FOR DEF TAX	TAX BASIS	
CONSTRUCTION CASH	498	498	498		
EQUITY AFUDC	55				
DEBT AFUDC	92	92			
CPI				70	
TOTAL	545	590	598		

\* Column not specified in workbook

1  
2  
3

INPUT DATA - PART 2  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: ██████████

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C\$/KWH)	(5) AVOIDED MARGINAL FUEL COST (C\$/KWH)	(6)* INCREASED MARGINAL FUEL COST (C\$/KWH)	(7) REPLACEMENT FUEL COST (C\$/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	10.81	1.00	1.00
2023	1	1	13.39	20.91	13.39	10.80	1.00	1.00
2024	1	1	13.55	22.19	13.55	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	28.70	15.60	11.96	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	12.10	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	12.39	1.00	1.00
2036	1	1	20.40	28.26	20.40	12.55	1.00	1.00
2037	1	1	21.11	29.32	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	34.46	25.50	14.10	1.00	1.00
2043	0	0	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

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

1  
2  
3

AVOIDED GENERATING BENEFITS  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: \_\_\_\_\_

YEAR	(1) AVOIDED GEN UNIT CAPACITY COST \$(000)	(2) AVOIDED GEN UNIT FIXED O&M \$(000)	(3) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(4) AVOIDED GEN UNIT FUEL COST \$(000)	(5) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2000	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	125	69	3	175	221	150
2020	121	70	4	257	314	140
2021	117	72	4	269	328	134
2022	112	74	5	284	342	133
2023	107	76	5	289	351	136
2024	103	78	5	316	365	137
2025	99	80	6	337	385	137
2026	95	82	6	361	406	138
2027	91	84	6	381	422	139
2028	87	86	6	391	432	138
2029	83	88	7	407	449	142
2030	79	90	7	426	461	142
2031	75	92	7	435	469	141
2032	71	95	8	450	479	145
2033	67	97	8	496	523	148
2034	63	99	9	516	536	152
2035	60	102	9	528	544	154
2036	56	104	9	543	560	152
2037	52	107	10	556	568	156
2038	48	110	10	569	586	151
2039	44	112	10	581	599	149
2040	41	115	10	595	606	135
2041	38	118	11	608	621	154
2042	36	121	12	621	638	151
2043	33	124	11	637	655	151
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	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	1,594	2,344	187	11,038	11,851	3,622
NPV	426	589	28	1,689	1,879	654



1  
3  
2  
AVOIDED GENERATING EMISSION IMPACT  
PROGRAM METHOD SELECTED: REV\_REQ  
PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2009	0	0	0	0	0
2010	0	0	1	0	1
2011	0	0	7	0	7
2012	0	0	6	0	6
2013	0	0	24	0	24
2014	0	0	26	0	26
2015	0	0	31	0	31
2016	0	0	34	0	34
2017	0	0	39	0	39
2018	0	0	40	0	40
2019	21	27	46	0	39
2020	32	41	50	0	40
2021	35	45	53	0	41
2022	41	53	60	0	48
2023	45	58	60	0	47
2024	52	67	66	0	51
2025	60	77	71	0	54
2026	67	85	76	0	53
2027	75	96	82	0	56
2028	83	105	88	0	59
2029	94	120	94	0	60
2030	105	133	100	0	72
2031	114	144	109	0	78
2032	125	159	114	0	81
2033	146	185	124	0	84
2034	162	204	127	0	95
2035	176	222	141	0	101
2036	192	242	149	0	109
2037	208	262	153	0	114
2038	225	284	163	0	121
2039	249	308	174	0	128
2040	263	332	184	0	138
2041	283	358	198	0	154
2042	283	358	212	0	154
2043	283	358	228	0	154
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
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	3,612	4,325	3,147	0	2,234
NPV	413	526	527	0	415

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2  
3 TOTAL RESOURCE COST TEST  
PROGRAM METHOD SELECTED, REV. REQ  
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED TRD BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2009	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	2	670	0	672	0	0	222	1	223	(439)	(439)
2011	0	0	0	0	0	0	24	279	7	311	311	(141)
2012	0	0	0	0	0	0	24	268	6	308	398	167
2013	0	0	0	0	0	0	23	264	24	311	311	388
2014	0	0	0	0	0	0	22	280	26	328	328	652
2015	0	0	0	0	0	0	22	355	31	407	407	843
2016	0	0	0	0	0	0	21	372	34	426	426	1,082
2017	0	0	0	0	0	0	20	403	39	462	462	1,216
2018	0	0	0	0	0	0	20	411	40	470	470	1,234
2019	0	0	0	0	0	150	19	585	39	794	794	1,873
2020	0	0	0	0	0	140	19	544	40	743	743	1,868
2021	0	0	0	0	0	124	18	589	42	794	794	2,446
2022	0	0	0	0	0	139	18	644	48	843	843	2,725
2023	0	0	0	0	0	136	17	560	47	759	759	2,956
2024	0	0	0	0	0	137	17	593	51	800	800	3,179
2025	0	2	971	0	973	137	16	593	54	801	(173)	3,135
2026	0	0	0	0	0	138	15	598	53	804	804	3,328
2027	0	0	0	0	0	139	15	615	56	825	825	3,502
2028	0	0	0	0	0	138	14	622	59	844	844	3,669
2029	0	0	0	0	0	142	14	607	69	832	832	3,821
2030	0	0	0	0	0	142	13	630	72	857	857	3,964
2031	0	0	0	0	0	141	13	650	78	882	882	4,100
2032	0	0	0	0	0	145	13	648	81	887	887	4,225
2033	0	0	0	0	0	145	12	673	85	916	916	4,344
2034	0	0	0	0	0	152	12	682	84	950	930	4,454
2035	0	0	0	0	0	164	12	712	93	973	973	4,561
2036	0	0	0	0	0	152	12	745	101	1,010	1,010	4,662
2037	0	0	0	0	0	156	11	770	109	1,046	1,046	4,758
2038	0	0	0	0	0	151	11	795	114	1,072	1,072	4,849
2039	0	0	0	0	0	149	11	823	121	1,104	1,104	4,935
2040	0	3	1,486	0	1,410	155	11	841	114	1,122	(298)	4,914
2041	0	0	0	0	0	154	11	874	123	1,161	1,161	4,991
2042	0	0	0	0	0	151	10	911	138	1,210	1,210	5,069
2043	0	0	0	0	0	151	10	960	154	1,225	1,225	5,134
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	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	7	3,048	0	3,055	3,622	522	20,741	2,234	26,618	23,563	
NPV	0	2	965	0	967	654	185	4,848	415	6,101	5,124	

Discount Rates  
Benefit/Cost Ratio (Col(11) / Col(5)) = 8.89  
6.31 %

Docket No. 120002-EG  
 Florida Power & Light Co.  
 Exhibit AS-1  
 Schedule CT-6  
 Page 97 of 99

3

**PARTICIPANT COSTS AND BENEFITS**  
**PROGRAM METHOD SELECTED: REV\_REQ**  
**PROGRAM NAME:** ████████████████████████████████

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER O&M COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2009	0	0	0	0	0	0	0	0	0	0	0
2010	105	0	85	0	189	670	0	0	670	(481)	(442)
2011	214	0	0	0	214	0	0	0	0	214	(261)
2012	223	0	0	0	223	0	0	0	0	223	(88)
2013	236	0	0	0	236	0	0	0	0	236	20
2014	253	0	0	0	253	0	0	0	0	253	245
2015	267	0	0	0	267	0	0	0	0	267	405
2016	279	0	0	0	279	0	0	0	0	279	559
2017	291	0	0	0	291	0	0	0	0	291	706
2018	298	0	0	0	298	0	0	0	0	298	844
2019	310	0	0	0	310	0	0	0	0	310	977
2020	318	0	0	0	318	0	0	0	0	318	1,098
2021	330	0	0	0	330	0	0	0	0	330	1,212
2022	342	0	0	0	342	0	0	0	0	342	1,322
2023	360	0	0	0	360	0	0	0	0	360	1,425
2024	377	0	85	0	461	971	0	0	971	(510)	1,395
2025	394	0	0	0	394	0	0	0	0	394	1,488
2026	419	0	0	0	419	0	0	0	0	419	1,579
2027	439	0	0	0	439	0	0	0	0	439	1,666
2028	462	0	0	0	462	0	0	0	0	462	1,750
2029	488	0	0	0	488	0	0	0	0	488	1,831
2030	514	0	0	0	514	0	0	0	0	514	1,910
2031	549	0	0	0	549	0	0	0	0	549	1,988
2032	603	0	0	0	603	0	0	0	0	603	2,066
2033	615	0	0	0	615	0	0	0	0	615	2,139
2034	645	0	0	0	645	0	0	0	0	645	2,210
2035	697	0	0	0	697	0	0	0	0	697	2,280
2036	737	0	0	0	737	0	0	0	0	737	2,348
2037	774	0	0	0	774	0	0	0	0	774	2,413
2038	813	0	0	0	813	0	0	0	0	813	2,476
2039	856	0	85	0	940	1,406	0	0	1,406	(466)	2,443
2040	906	0	0	0	906	0	0	0	0	906	2,502
2041	969	0	0	0	969	0	0	0	0	969	2,560
2042	1,017	0	0	0	1,017	0	0	0	0	1,017	2,616
2043	0	0	0	0	0	0	0	0	0	0	0
2044	0	0	0	0	0	0	0	0	0	0	0
2045	0	0	0	0	0	0	0	0	0	0	0
2046	0	0	0	0	0	0	0	0	0	0	0
2047	0	0	0	0	0	0	0	0	0	0	0
2048	0	0	0	0	0	0	0	0	0	0	0
2049	0	0	0	0	0	0	0	0	0	0	0
2050	0	0	0	0	0	0	0	0	0	0	0
2051	0	0	0	0	0	0	0	0	0	0	0
2052	0	0	0	0	0	0	0	0	0	0	0
2053	0	0	0	0	0	0	0	0	0	0	0
2054	0	0	0	0	0	0	0	0	0	0	0
2055	0	0	0	0	0	0	0	0	0	0	0
2056	0	0	0	0	0	0	0	0	0	0	0
2057	0	0	0	0	0	0	0	0	0	0	0
2058	0	0	0	0	0	0	0	0	0	0	0
2059	0	0	0	0	0	0	0	0	0	0	0
2060	0	0	0	0	0	0	0	0	0	0	0
2061	0	0	0	0	0	0	0	0	0	0	0
2062	0	0	0	0	0	0	0	0	0	0	0
2063	0	0	0	0	0	0	0	0	0	0	0
2064	0	0	0	0	0	0	0	0	0	0	0
2065	0	0	0	0	0	0	0	0	0	0	0
2066	0	0	0	0	0	0	0	0	0	0	0
2067	0	0	0	0	0	0	0	0	0	0	0
2068	0	0	0	0	0	0	0	0	0	0	0
2069	0	0	0	0	0	0	0	0	0	0	0
2070	0	0	0	0	0	0	0	0	0	0	0
2071	0	0	0	0	0	0	0	0	0	0	0
2072	0	0	0	0	0	0	0	0	0	0	0
2073	0	0	0	0	0	0	0	0	0	0	0
2074	0	0	0	0	0	0	0	0	0	0	0
2075	0	0	0	0	0	0	0	0	0	0	0
2076	0	0	0	0	0	0	0	0	0	0	0
2077	0	0	0	0	0	0	0	0	0	0	0
2078	0	0	0	0	0	0	0	0	0	0	0
2079	0	0	0	0	0	0	0	0	0	0	0
2080	0	0	0	0	0	0	0	0	0	0	0
2081	0	0	0	0	0	0	0	0	0	0	0
2082	0	0	0	0	0	0	0	0	0	0	0
2083	0	0	0	0	0	0	0	0	0	0	0
2084	0	0	0	0	0	0	0	0	0	0	0
2085	0	0	0	0	0	0	0	0	0	0	0
2086	0	0	0	0	0	0	0	0	0	0	0
2087	0	0	0	0	0	0	0	0	0	0	0
2088	0	0	0	0	0	0	0	0	0	0	0
2089	0	0	0	0	0	0	0	0	0	0	0
2090	0	0	0	0	0	0	0	0	0	0	0
2091	0	0	0	0	0	0	0	0	0	0	0
2092	0	0	0	0	0	0	0	0	0	0	0
2093	0	0	0	0	0	0	0	0	0	0	0
2094	0	0	0	0	0	0	0	0	0	0	0
2095	0	0	0	0	0	0	0	0	0	0	0
2096	0	0	0	0	0	0	0	0	0	0	0
2097	0	0	0	0	0	0	0	0	0	0	0
2098	0	0	0	0	0	0	0	0	0	0	0
2099	0	0	0	0	0	0	0	0	0	0	0
2100	0	0	0	0	0	0	0	0	0	0	0
NOM	16,399	0	284	0	16,683	3,048	0	0	3,048	13,635	
NPV	3,476	0	105	0	3,581	965	0	0	965	2,616	

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

2019  
 8.89 %  
 3.71

1  
2  
3  
RATE IMPACT TEST  
PROGRAM/METHOD SELECTED: REV. REQ  
PROGRAM NAME: [REDACTED]

(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	2	85	82	0	179	232	0	0	1	253	54	50
2011	0	0	0	189	0	189	209	24	0	7	311	121	152
2012	0	0	0	197	0	197	368	24	0	6	398	200	307
2013	0	0	0	209	0	209	264	23	0	24	311	102	380
2014	0	0	0	223	0	223	280	22	0	26	328	105	448
2015	0	0	0	256	0	256	355	22	0	31	407	172	551
2016	0	0	0	246	0	246	372	21	0	34	426	181	631
2017	0	0	0	256	0	256	403	20	0	39	462	206	755
2018	0	0	0	262	0	262	411	20	0	40	470	208	852
2019	0	0	0	272	0	272	735	19	0	39	784	522	1,075
2020	0	0	0	272	0	272	684	19	0	40	743	471	1,260
2021	0	0	0	278	0	278	723	18	0	42	784	506	1,442
2022	0	0	0	288	0	288	777	18	0	48	843	554	1,625
2023	0	0	0	299	0	299	695	17	0	47	759	461	1,765
2024	0	0	0	314	0	314	732	17	0	51	800	487	1,900
2025	0	2	85	327	0	414	720	16	0	54	801	387	1,999
2026	0	0	0	342	0	342	736	15	0	53	804	465	2,104
2027	0	0	0	362	0	362	754	15	0	56	825	462	2,208
2028	0	0	0	379	0	379	770	14	0	59	844	465	2,300
2029	0	0	0	398	0	398	749	14	0	69	832	434	2,379
2030	0	0	0	420	0	420	772	13	0	72	857	437	2,453
2031	0	0	0	442	0	442	791	13	0	78	882	440	2,510
2032	0	0	0	471	0	471	799	13	0	81	887	416	2,579
2033	0	0	0	517	0	517	818	12	0	85	916	399	2,611
2034	0	0	0	527	0	527	834	12	0	84	930	403	2,679
2035	0	0	0	551	0	551	866	12	0	95	973	422	2,725
2036	0	0	0	595	0	595	897	12	0	101	1,010	415	2,766
2037	0	0	0	629	0	629	926	11	0	109	1,046	417	2,805
2038	0	0	0	659	0	659	947	11	0	114	1,072	413	2,840
2039	0	0	0	692	0	692	972	11	0	121	1,104	412	2,872
2040	0	3	85	727	0	815	996	11	0	114	1,122	307	2,894
2041	0	0	0	769	0	769	1,028	11	0	123	1,161	393	2,919
2042	0	0	0	813	0	813	1,062	10	0	138	1,210	397	2,943
2043	0	0	0	861	0	861	1,111	10	0	154	1,275	414	2,966
2044	0	0	0	0	0	0	0	0	0	0	0	0	2,966
2045	0	0	0	0	0	0	0	0	0	0	0	0	2,966
2046	0	0	0	0	0	0	0	0	0	0	0	0	2,966
2047	0	0	0	0	0	0	0	0	0	0	0	0	2,966
2048	0	0	0	0	0	0	0	0	0	0	0	0	2,966
2049	0	0	0	0	0	0	0	0	0	0	0	0	2,966
2050	0	0	0	0	0	0	0	0	0	0	0	0	2,966
NOM.	0	7	254	14,113	0	14,374	23,983	322	0	2,234	26,618	12,244	
NPV	0	2	105	3,027	0	3,135	5,501	185	0	415	6,101	2,966	

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

8.89 %  
1.55



**APPENDIX A**

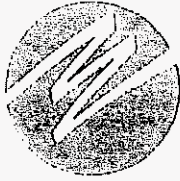
**Pages 1A - 1C**

**Docket No. 120002-EG  
Florida Power & Light Co.  
Exhibit AS-1  
Appendix A  
Page 1A**

**Savings Quoted: "Replacing an older system with a more energy efficient one can save the average household \$400 per year in cooling costs", (see 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. If the system is replaced with a new 15 SEER system, the cost drops to \$810, which represents a savings of \$400 per year, (see Page 1C).

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



FPL.

# SAVE MONEY UPGRADING YOUR AIR CONDITIONING SYSTEM

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

FPL rebates are only available through a Participating Independent Contractor.

\*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 a Participating Independent Contractor

To qualify for the rebate, you must:

- Choose a 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.

[www.FPL.com/guide](http://www.FPL.com/guide)

1-800-DIAL-FPL  
(1-800-642-5375)

**IMPORTANT NOTE:** Although FPL has approved many different materials, products and equipment for use in energy saving improvements that are eligible for a rebate under FPL's program, not all energy saving improvements are appropriate for every application. It is the sole responsibility of the FPL customer and its contractor to determine what materials, products, or equipment, if any, might be appropriate for the FPL customer's specific situation and location. FPL does not represent, warrant or guarantee that any particular energy saving improvement that is eligible for a rebate is appropriate or will provide any particular amount of energy savings. In order for an FPL customer to be entitled to an FPL rebate toward an energy saving improvement that is selected by the FPL customer, the FPL customer must use a contractor that has been pre-approved by FPL to participate in its program. FPL has pre-approved many different contractors to participate in its program from which the FPL customer can choose at its sole discretion. These contractors are not employed by FPL nor an agent of FPL nor under the control or supervision of FPL but rather are independent contractors. The selection, hiring and the management of the contractor is the FPL customer's sole responsibility. FPL DOES NOT MAKE AND EXPRESSLY DISCLAIMS ANY WARRANTIES, GUARANTEES, PROMISES OR COVENANTS, WHETHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, THE SUITABILITY OR QUALITY OF THE MATERIALS OR EQUIPMENT INSTALLED BY A CONTRACTOR IN CONNECTION WITH THE ENERGY SAVINGS IMPROVEMENT OR THE WORKMANSHIP OF THE CONTRACTOR SELECTED BY A CUSTOMER IN CONNECTION WITH THE ENERGY SAVINGS IMPROVEMENT.

# Annual Cooling Cost Comparison

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

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

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

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



POWERING FLORIDA'S ENERGY NEEDS