

**BEFORE THE FLORIDA  
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 130002-EG  
FLORIDA POWER & LIGHT COMPANY**

**MAY 2, 2013**

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

**JANUARY 2012 THROUGH DECEMBER 2012**

COM	5
AFD	1
APA	1
ECO	6
ENG	1
GCL	1
IDM	1
TEL	1
CLK	1-Gt Rep

**TESTIMONY & EXHIBITS OF:**

**ANITA SHARMA  
TERRY J. KEITH**

DOCUMENT NUMBER-DATE

02445 MAY-2 2013

FPSC-COMMISSION CLERK

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

**FLORIDA POWER & LIGHT COMPANY**

**TESTIMONY OF ANITA SHARMA**

**DOCKET NO. 130002-EG**

**MAY 2, 2013**

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 program related costs and  
10 revenues associated with FPL’s energy conservation programs for the period January  
11 through December 2012.

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.

1 **Q. For the January through December 2012 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 – 3D.

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 2012 period**  
16 **compare to the actual/estimated costs presented in Docket No. 120002-EG, and**  
17 **approved in Order No. PSC-12-0611-FOF-EG?**

18 A. Actual total program costs for the January through December 2012 period were  
19 \$224,033,738. The actual/estimated total program costs were \$226,875,633. Therefore,  
20 actual costs were \$2,841,895, or approximately one percent, less than the actual/estimated  
21 (see Schedule CT-2, Page 1, Line 13). Each program's contribution to the variance is  
22 shown on Schedule CT-2, Page 3.

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

24 A. Yes.

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **FLORIDA POWER & LIGHT COMPANY**

3 **TESTIMONY OF TERRY J. KEITH**

4 **DOCKET NO. 130002-EG**

5 **MAY 2, 2013**

6

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

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

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

13 A. Yes.

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

15 A. The purpose of my testimony is to present for Commission review and approval  
16 the schedules supporting the calculation of the actual Energy Conservation Cost  
17 Recovery (“ECCR”) Clause net true-up amounts for the period January 2012  
18 through December 2012.

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

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

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

3 **Q. What is the source of the data used in calculating the actual true-up amount**  
4 **for the January 2012 through December 2012 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 6, provides a complete list of all account numbers used for ECCR  
12 recovery during the period January 2012 through December 2012.

13 **Q. What is the actual end of period true-up amount that FPL is requesting the**  
14 **Commission to approve for the January 2012 through December 2012 period?**

15 A. FPL has calculated and is requesting approval of an under-recovery of \$5,803,057  
16 including interest, as the actual end of period true-up amount for the period January  
17 2012 through December 2012. The calculation of this \$5,803,057 under-recovery is  
18 shown on Exhibit AS-1, Schedule CT-3, page 2, line 7 plus line 8.

19 **Q. What is the net true-up amount for the January 2012 through December 2012**  
20 **period that FPL is requesting be carried over and included in the January**  
21 **2014 through December 2014 ECCR factor?**

1 A. FPL has calculated and is requesting approval of an over-recovery of \$189,597 as  
2 the net true-up amount for the period January 2012 through December 2012. This  
3 net true-up over-recovery of \$189,597 is the difference between the actual end of  
4 period true-up under-recovery of \$5,803,057 and the actual/estimated true-up under-  
5 recovery of \$5,992,654 approved by the Commission in Order No. PSC-12-0611-  
6 FOF-EG, issued November 15, 2012. The calculation of the \$189,597 over-  
7 recovery is shown on Exhibit AS-1, Schedule CT-1, page 1.

8 **Q. Was the calculation of the net true-up amount for the period January 2012**  
9 **through December 2012 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 2012**  
15 **through December 2012?**

16 A. Yes. Exhibit AS-1, Schedule CT-2, page 1 compares actual to actual/estimated  
17 program costs, and revenues and interest resulting in the variance of \$189,597.

18 **Q. Please explain the calculation of the \$ 189,597 variance.**

19 A. The difference between actual and actual/estimated total program costs of  
20 \$2,841,895 (CT-2, Page 1, line 13) minus the difference between the actual and  
21 actual/estimated ECCR revenues, net of revenue taxes of \$2,653,027 (CT-2, page  
22 1 , line 16) results in a variance of \$ 188,868 (CT-2, page 1, line 17). This

1           \$188,868 over-recovery, plus the variance of \$730 in interest (CT-2, page 1, line  
2           18), results in a total net over-recovery of \$189,597 (CT-2, page 1, line 22).

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

4   **A.   Yes.**

**Schedule**

**Sponsored By**

CT-1, Page 1

Terry J. Keith

CT-2, Page 1 , Lines 1 -13

Anita Sharma

CT-2, Page 1, Lines 14 - 22

Terry J. Keith

CT-2, Pages 2 - 6

Anita Sharma

CT-3, Page 1

Anita Sharma

CT-3, Pages 2 - 3

Terry J. Keith

CT-4, Pages 1 - 3

Terry J. Keith

CT-5, Page 1

Anita Sharma

CT-6, Pages 1 - 128

Anita Sharma

Appendix A

Anita Sharma



FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
FINAL TRUE-UP FOR THE PERIOD

SCHEDULE: CT-1

JANUARY THROUGH DECEMBER 2012

	Total
1. Actual End of Period True-up	
2. Principal (CT-3, Page 2 of 3, Line 7)	(\$5,783,758)
3. Interest(CT-3, Page 2 of 3, Line 8)	(\$19,299)
Total Actual End of Period True-up	<u>(\$5,803,057)</u>
4. Less Actual/Estimated True-up	
5. Principal	(\$5,972,625)
6. Interest	(\$20,029)
Total Actual/Estimated True-up <sup>(1)</sup>	<u>(\$5,992,654)</u>
7. Final Net True-up	<u>\$189,597</u>

<sup>(1)</sup> Approved per Order No. PSC 12-0611-FOF-EG Issued November 15, 2012

Note: ( ) Reflects Underrecovery

Totals may not add due to rounding.

## JANUARY THROUGH DECEMBER 2012

ACTUAL V. ACTUAL/ESTIMATE FOR THE PERIOD	Actual	Actual/Estimated (1)	Difference
1. Depreciation & Return	\$9,953,415	\$9,168,926	\$784,489
2. Payroll & Benefits	\$26,231,776	\$28,733,579	(\$2,501,803)
3. Materials & Supplies	\$438,635	\$434,300	\$4,335
4. Outside Services	\$7,614,104	\$9,364,259	(\$1,750,155)
5. Advertising	\$8,437,065	\$8,489,750	(\$52,685)
6. Rebates	\$169,136,386	\$168,404,366	\$732,020
7. Vehicles	\$391,291	\$435,693	(\$44,402)
8. Other	\$3,382,595	\$3,502,372	(\$119,777)
9. Subtotal Program Costs	\$225,585,265	\$228,533,245	(\$2,947,979)
10. Program Revenues	\$0	\$0	\$0
11. Subtotal Net Program Costs	\$225,585,265	\$228,533,245	(\$2,947,979)
12. Less: included in Base Rates	(\$1,551,527)	(\$1,657,612)	\$106,085
13. Total Adjusted Program Costs	\$224,033,738	\$226,875,633	(\$2,841,895)
14. ECCR Revenues (Net of Revenue Taxes)	\$268,149,908	\$270,802,935	(\$2,653,027)
15. Prior Period True-up (Collected)/Refunded this Period	(\$49,899,927)	(\$49,899,927)	\$0
16. Revenues Applicable to the Period	\$218,249,981	\$220,903,008	(\$2,653,027)
17. True-up Provision (Under)/Over Recovery - Current Period (Line 16 - Line 13)	(\$5,783,758)	(\$5,972,625)	\$188,868
18. Interest Provision (Under)/Over Recovery - Current Period	(\$19,299)	(\$20,029)	\$730
19. True-up and Interest Provision (Under)/Over Recovery - Beginning of Period	(\$49,899,927)	(\$49,899,927)	\$0
20. Deferred True-up from Prior Period (Jan-Dec 2011)	\$8,586,294	\$8,586,294	\$0
21. Prior Period True-up (Collected)/Refunded this Period	\$49,899,927	\$49,899,927	\$0
22. End of Period True-up Amount (Under)/Over Recovery	\$2,783,236	\$2,593,639	\$189,597

(1) Approved in order No. PSC-12-0611-FOF-EG issued November 15, 2012

Totals may not add due to rounding.

## JANUARY THROUGH DECEMBER 2012

PROGRAM TITLE	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Sub-Total	Program Revenue	Total for Period
1. Residential Home Energy Survey		\$4,692,859	\$20,259	\$981,122	\$5,687,727		\$139,788	\$591,979	\$12,113,733		\$12,113,733
2. Residential Building Envelope		\$516,541	\$442	\$61,273		\$3,976,573	\$18,458	\$32,092	\$4,605,379		\$4,605,379
3. Residential Duct System Testing & Repair		\$699,496	\$2,641	\$43,613		\$137,623	\$6,000	(\$113,685)	\$775,689		\$775,689
4. Residential Air Conditioning		\$2,444,124	\$914	\$251,417	\$36,550	\$61,079,990	\$46,500	\$164,636	\$64,024,130		\$64,024,130
5. Residential New Construction (BuildSmart®)		\$508,016		\$282,925	\$5,275	\$23,275		\$54,176	\$873,668		\$873,668
6. Residential Low-Income Weatherization		\$49,843	\$19		\$10,000	\$217,405		\$7,220	\$284,487		\$284,487
7. Residential Load Management ("On Call")	\$6,697,590	\$776,881	\$421,872	\$2,334,876	\$50	\$45,361,171	\$67,076	\$475,658	\$56,135,173		\$56,135,173
8. Business Energy Evaluation		\$3,559,580	\$3,849	\$534,034	\$2,644,669		\$33,492	\$350,607	\$7,126,232		\$7,126,232
9. Business Efficient Lighting		\$194,875	\$7	\$38,823		\$441,675		\$10,983	\$686,363		\$686,363
10. Business Heating, Ventilating & A/C		\$658,306	\$163	\$119,575		\$5,489,860	\$3,975	\$73,463	\$6,345,342		\$6,345,342
11. Business Custom Incentive		\$23,452				\$480,912		\$431	\$504,794		\$504,794
12. Business Building Envelope		\$468,264	\$136	\$80,301		\$6,179,105		\$27,719	\$6,755,523		\$6,755,523
13. Business Water Heating		\$20,491	(\$39,582)	\$3,178		\$11,350		\$1,804	(\$2,759)		(\$2,759)
14. Business Refrigeration		\$11,785	\$117	\$19,588		\$4,816		\$2,024	\$38,329		\$38,329
15. Business On Call	\$368,696	\$166,770	\$1,488	\$4,070		\$3,080,656		\$44,299	\$3,665,979		\$3,665,979
16. Commercial/Industrial Load Control		\$332,977	\$1,228	\$715		\$25,393,671		\$49,462	\$25,778,052		\$25,778,052
17. Commercial/Industrial Demand Reduction		\$206,512	\$20	\$55		\$9,830,774		\$56,514	\$10,093,875		\$10,093,875
18. Res. Solar Water Heating Pilot		\$154,331	\$3	\$300,778		\$1,122,660		\$2,379	\$1,580,152		\$1,580,152
19. Res. Solar Water Heating (LINC) Pilot		\$53,570	\$0			\$374,686		\$1,417	\$429,673		\$429,673
20. Residential Photovoltaic Pilot		\$95,941		\$101,574		\$3,226,628		(\$9,135)	\$3,415,009		\$3,415,009
21. Business Solar Water Heating Pilot		\$36,508		\$96,932		\$256,739		\$1,899	\$392,078		\$392,078
22. Business Photovoltaic Pilot		\$48,727		\$99,799		\$2,446,864		(\$16,020)	\$2,579,369		\$2,579,369
23. Business Photovoltaic for Schools Pilot		\$77,199		\$64,810				\$11,275	\$153,285		\$153,285
24. Renewable Research & Demo. Project		\$23,382	\$1,358	\$513,134					\$537,874		\$537,874
25. Solar Pilot Projects Common Expenses	\$343,231	\$260,962	\$229	\$41,208		(\$47)		\$27,627	\$673,210		\$673,210
26. Cogeneration & Small Power Production		\$770,121		\$5,422	\$22			(\$156,581)	\$618,983		\$618,983
27. Conservation Research & Development		\$24,586	\$4,112	\$311,672				\$1,375	\$341,744		\$341,744
28. Common Expenses	\$2,543,898	\$9,355,678	\$19,362	\$1,323,211	\$52,771		\$76,002	\$1,688,979	\$15,059,901		\$15,059,901
29. Subtotal All Programs	\$9,953,415	\$26,231,776	\$438,635	\$7,614,104	\$8,437,065	\$169,136,386	\$391,291	\$3,382,595	\$225,585,265	\$	\$225,585,265
30. Less: Included in Base Rates		(\$1,551,527)							(\$1,551,527)		(\$1,551,527)
31. Recoverable Conservation Expenses	\$9,953,415	\$24,680,249	\$438,635	\$7,614,104	\$8,437,065	\$169,136,386	\$391,291	\$3,382,595	\$224,033,738	\$	\$224,033,738

Totals may not add due to rounding.

**Florida Power & Light Company**  
**Energy Conservation Program Variance**  
**January through December 2012**

Schedule CT-2

	Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Rebates	Vehicles	Other	Sub-Total	Program Revenues	Total Variance For Period
1.	Residential Home Energy Survey	\$ (28,073)	\$ (489,031)	\$ (44,184)	\$ (10,293)	\$ (81,425)		\$ (2,748)	\$ 60,336	\$ (575,418)		\$ (575,418)
2.	Residential Building Envelope		(9,368)	247	(122,822)		148,027	(317)	(10,546)	\$ 5,421		\$ 5,421
3.	Residential Duct System Testing & Repair		(126,540)	(46,062)	(85,130)		(55,458)	(386)	(17,185)	\$ (330,762)		\$ (330,762)
4.	Residential Air Conditioning		(297,056)	(475)	(115,459)		2,763,683	(2,310)	(15,677)	\$ 2,332,687		\$ 2,332,687
5.	Residential New Construction (BuildSmart®)		11,104		(40,508)		(3,205)		(22,498)	\$ (55,107)		\$ (55,107)
6.	Residential Low-Income Weatherization		(5,702)	8	(1,571)	10,000	94,993		(540)	\$ 97,188		\$ 97,188
7.	Residential Load Management ("On Call")	834,624	(1,038,759)	91,464	815,075	50	(923,582)	(8,746)	4,683	\$ (425,191)		\$ (425,191)
8.	Business Energy Evaluation		(215,891)	(7,235)	(300,950)	7,466		(24,000)	55,329	\$ (485,081)		\$ (485,081)
9.	Business Efficient Lighting		69	7	13,575		(3,595)		1,350	\$ 11,406		\$ 11,406
10.	Business Heating, Ventilating & A/C		(27,839)	68	23,901		(282,172)	(581)	(1,406)	\$ (288,029)		\$ (288,029)
11.	Business Custom Incentive		564		(3,180)		(241,872)		(459)	\$ (245,047)		\$ (245,047)
12.	Business Building Envelope		(879)	54	33,006		(834,704)		(584)	\$ (803,109)		\$ (803,109)
13.	Business Water Heating		(626)	1	1,352		6,350		430	\$ 7,506		\$ 7,506
14.	Business Refrigeration		1,432	1	2,483		(1,808)	(30)	(414)	\$ 1,665		\$ 1,665
15.	Business On Call	46,440	(71,496)	1,481	(92,491)		(240,837)		(1,949)	\$ (358,853)		\$ (358,853)
16.	Commercial/Industrial Load Control		(60,006)	(33)	383		115,233		(47,081)	\$ 8,495		\$ 8,495
17.	Commercial/Industrial Demand Reduction		(27,285)	(130)	(3,945)		97,285		(64,373)	\$ 1,552		\$ 1,552
18.	Res. Solar Water Heating Pilot		(104,657)	3	47,853		(40,000)	(1,080)	(5,026)	\$ (102,907)		\$ (102,907)
19.	Res. Solar Water Heating (LINC) Pilot		8,447		(18,126)		(5,671)	(141)	(658)	\$ (16,149)		\$ (16,149)
20.	Residential Photovoltaic Pilot		(35,021)		(37,024)		691,530		1,551	\$ 621,037		\$ 621,037
21.	Business Solar Water Heating Pilot		(12,924)		6,730		(118,628)		(1,270)	\$ (126,091)		\$ (126,091)
22.	Business Photovoltaic Pilot		(54,147)		(21,702)		(433,430)		42	\$ (509,237)		\$ (509,237)
23.	Business Photovoltaic for Schools Pilot	(12,357)	4,227		2,810				6,730	\$ 1,410		\$ 1,410
24.	Renewable Research & Demo. Project	-	458	1,358	(936,667)				(700)	\$ (935,551)		\$ (935,551)
25.	Solar Pilot Projects Common Expenses	2,579	78,111		(90,067)				(1,779)	\$ (11,156)		\$ (11,156)
26.	Cogeneration & Small Power Production		26,614		2,498	22			4,333	\$ 33,467		\$ 33,467
27.	Conservation Research & Development		469	2,853	2,336				1,375	\$ 7,032		\$ 7,032
28.	Common Expenses	(58,724)	(78,272)	4,909	(622,422)	11,201		(4,063)	(63,790)	\$ (809,159)		\$ (809,159)
29.	<b>Variance Subtotal All Programs</b>	<b>\$ 784,489</b>	<b>\$ (2,501,803)</b>	<b>\$ 4,335</b>	<b>\$ (1,750,155)</b>	<b>\$ (52,685)</b>	<b>\$ 732,020</b>	<b>\$ (44,402)</b>	<b>\$ (119,777)</b>	<b>\$ (2,947,978)</b>	<b>\$ -</b>	<b>\$ (2,947,978)</b>
30.	Less: Included in Base Rates		106,085							\$ 106,085		\$ 106,085
31.	<b>Variance Total All Programs</b>	<b>\$ 784,489</b>	<b>\$ (2,395,718)</b>	<b>\$ 4,335</b>	<b>\$ (1,750,155)</b>	<b>\$ (52,685)</b>	<b>\$ 732,020</b>	<b>\$ (44,402)</b>	<b>\$ (119,777)</b>	<b>\$ (2,841,895)</b>	<b>\$ -</b>	<b>\$ (2,841,895)</b>

Totals may not add due to rounding

**Energy Conservation Cost Recovery (ECCR) Account Numbers  
For the Period: January through December 2012**

<b>Program Title</b>	<b>Account</b>
1. Residential Home Energy Survey	408172
	908110
	909101
	910100
	925112
2. Residential Building Envelope	926211
	408172
	908110
	925112
	926211
3. Residential Duct System Testing & Repair	408172
	908110
	925112
	926211
4. Residential Air Conditioning	408172
	908110
	925112
	926211
5. Residential New Construction (BuildSmart®)	408172
	908110
	925112
	926211
6. Residential Low-Income Weatherization	408172
	908110
	925112
	926211
7. Residential Load Management ("On Call")	408100
	408172
	582000
	587200
	592800
	598140
	908110
	925103
	925112
	926000
	926211
8. Business Energy Evaluation	408172
	908110
	909101
	925112
	926211
9. Business Efficient Lighting	408172
	908110
	925112
	926211
10. Business Heating, Ventilating & A/C	408172
	908110
	909101
	925112
	926211

Program Title	Account
11. Business Custom Incentive	408172
	908110
	925112
	926211
12. Business Building Envelope	408172
	908110
	925112
	926211
13. Business Water Heating	408172
	908110
	925112
	926211
14. Business Refrigeration	408172
	908110
	925112
	926211
15. Business On Call	408.172
	587200
	598140
	908110
	925112
16. Commercial/Industrial Load Control	926211
	408172
	908110
	925112
17. C/I Demand Reduction	926211
	408172
	908110
	925112
18. Res. Solar Water Heating Pilot	926211
	408172
	908110
	925112
19. Res. Solar Water Heating (LINC) Pilot	926211
	408172
	908110
	925112
20. Residential Photovoltaic Pilot	926211
	408172
	908110
	925112
21. Business Solar Water Heating Pilot	926211
	408172
	908110
	925112
22. Business Photovoltaic Pilot	926211
	408172
	908110
	925112

<b>Program Title</b>	<b>Account</b>
23. Business Photovoltaic for Schools Pilot	408172
	908110
	925112
	926211
24. Renewable Research & Demo. Project	408172
	908110
	925112
	926211
25. Solar Pilot Projects Common Expenses	408172
	908110
	925112
	926211
26. Cogeneration & Small Power Production	408172
	908110
	925112
	926211
27. Conservation Research & Development	408172
	910100
	925112
	926211
28. Common Expenses	408172
	907100
	908110
	909101
	910100
	925112
926211	

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
CONSERVATION PROGRAM COSTS

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2012

PROGRAM TITLE	Monthly Data												Twelve Month Amount
	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	
1. Residential Home Energy Survey	\$552,235	\$495,303	\$575,858	\$563,600	\$806,020	\$1,460,609	\$1,904,265	\$2,031,776	\$1,605,960	\$1,019,494	\$567,600	\$531,015	\$12,113,733
2. Residential Building Envelope	\$500,719	\$305,611	\$514,890	\$239,968	\$366,366	\$407,637	\$298,245	\$625,605	\$337,773	\$379,555	\$469,010	\$159,979	\$4,605,379
3. Residential Duct System Testing & Repair	\$44,073	\$49,563	\$62,194	\$55,294	\$74,601	\$95,263	\$69,370	\$68,123	\$59,484	\$55,658	\$69,693	\$72,373	\$775,689
4. Residential Air Conditioning	\$4,825,044	\$5,035,982	\$4,618,418	\$4,973,382	\$5,302,933	\$5,513,487	\$5,303,477	\$6,363,217	\$5,708,345	\$6,199,248	\$5,269,115	\$4,811,481	\$64,024,130
5. Residential New Construction (BuildSmart®)	\$84,638	\$67,345	\$52,332	\$71,013	\$93,389	\$85,668	\$62,165	\$80,433	\$45,551	\$66,428	\$50,021	\$114,685	\$873,668
6. Residential Low-Income Weatherization	\$22,094	\$22,686	\$22,737	\$17,595	\$19,083	\$16,915	\$19,823	\$22,363	\$14,659	\$56,747	\$42,350	\$7,436	\$284,487
7. Residential Load Management ("On Call")	\$3,488,555	\$3,480,934	\$3,440,785	\$5,231,926	\$5,418,356	\$5,590,575	\$5,509,595	\$5,453,584	\$5,491,935	\$5,715,197	\$3,667,262	\$3,646,471	\$56,135,173
8. Business Energy Evaluation	\$232,006	\$250,363	\$105,565	\$392,562	\$621,184	\$1,136,777	\$785,818	\$700,354	\$664,314	\$605,146	\$888,706	\$743,437	\$7,126,232
9. Business Efficient Lighting	\$94,225	\$84,433	\$28,107	\$47,300	\$22,025	\$48,951	\$20,161	\$28,630	\$21,160	\$125,593	\$95,162	\$70,616	\$686,363
10. Business Heating, Ventilating & A/C	\$251,060	\$350,308	\$410,127	\$1,302,300	\$877,059	\$250,582	\$180,194	\$368,273	\$1,422,435	\$140,157	\$608,541	\$184,307	\$6,345,342
11. Business Custom Incentive	\$4,721	\$8,004	\$69,279	\$1,644	\$1,703	\$1,556	\$1,629	\$1,629	\$1,549	\$1,768	\$327,532	\$83,781	\$504,794
12. Business Building Envelope	\$656,421	\$514,678	\$600,960	\$579,563	\$531,930	\$794,739	\$631,507	\$615,998	\$301,155	\$529,700	\$555,888	\$442,984	\$6,755,523
13. Business Water Heating	(\$34,957)	\$4,353	\$6,035	\$875	\$816	\$6,114	\$986	\$3,806	\$2,737	\$3,071	\$868	\$2,536	(\$2,759)
14. Business Refrigeration	\$2,826	\$1,228	\$2,327	\$15,794	\$1,830	\$3,289	\$2,282	\$1,654	\$7,076	(\$4,549)	\$1,012	\$3,563	\$38,329
15. Business On Call	\$49,492	\$57,857	\$58,710	\$454,057	\$494,567	\$512,915	\$503,628	\$512,465	\$505,112	\$525,729	\$82,690	(\$91,244)	\$3,665,979
16. Commercial/Industrial Load Control	\$1,877,995	\$1,560,835	\$1,600,473	\$2,135,361	\$1,730,210	\$1,807,432	\$2,289,036	\$3,615,551	\$1,871,331	\$2,414,801	\$1,789,154	\$3,085,872	\$25,778,052
17. Commercial/Industrial Demand Reduction	\$682,819	\$700,255	\$717,075	\$797,153	\$870,705	\$928,193	\$943,382	\$994,339	\$969,492	\$955,386	\$780,261	\$754,815	\$10,093,875
18. Res. Solar Water Heating Pilot	\$49,264	\$125,636	\$148,562	\$117,743	\$89,189	\$96,477	\$97,700	\$94,497	\$121,864	\$189,847	\$191,360	\$257,982	\$1,580,152
19. Res. Solar Water Heating (LINC) Pilot	\$2,559	\$3,755	\$7,065	\$63,583	\$116,014	\$45,052	\$60,761	\$38,802	\$7,610	\$11,504	\$27,406	\$45,561	\$429,673
20. Residential Photovoltaic Pilot	\$353,607	\$825,161	\$261,445	\$99,618	\$42,537	\$105,225	\$310,736	\$540,292	\$83,448	\$143,397	\$120,302	\$529,241	\$3,415,009
21. Business Solar Water Heating Pilot	\$4,499	\$68,996	\$77,373	\$55,264	\$54,782	\$27,276	\$23,517	\$2,906	\$2,486	\$28,046	(\$18,866)	\$65,798	\$392,078
22. Business Photovoltaic Pilot	\$160,256	\$366,609	\$481,795	\$435,524	\$74,878	\$78,742	\$20,349	\$91,083	\$222,855	\$336,916	\$112,880	\$197,480	\$2,579,369
23. Business Photovoltaic for Schools Pilot	\$71	\$1,381	\$477	\$6,004	\$9,954	\$8,230	\$9,752	\$9,575	\$8,142	\$21,211	\$47,079	\$31,409	\$153,285
24. Renewable Research & Demo. Project	\$0	\$0	\$0	\$0	\$157,526	\$7,221	\$21,669	\$15,679	\$2,409	\$4,232	\$16,262	\$312,877	\$537,874
25. Solar Pilot Projects Common Expenses	\$4,986	\$13,953	\$11,365	\$209,130	\$55,828	\$44,414	\$95,783	\$39,844	\$48,056	\$49,428	\$49,401	\$51,023	\$673,210
26. Cogeneration & Small Power Production	\$58,019	\$45,912	\$50,459	\$47,450	\$51,441	\$43,273	\$51,832	\$52,780	\$41,440	\$48,492	\$61,031	\$66,852	\$618,983
27. Conservation Research & Development	\$0	\$0	\$0	\$62,927	\$61,668	\$8,424	\$64,314	\$2,165	\$5,261	\$64,542	\$27,748	\$44,694	\$341,744
28. Common Expenses	\$1,582,069	\$1,246,626	\$1,383,470	\$1,057,859	\$1,220,919	\$1,043,361	\$1,089,734	\$1,208,454	\$1,097,789	\$1,322,845	\$1,228,089	\$1,568,668	\$15,059,901
29. Subtotal All Programs	\$15,649,296	\$15,687,767	\$15,307,882	\$19,034,488	\$19,167,531	\$20,168,420	\$20,381,709	\$23,583,876	\$20,671,427	\$21,009,590	\$17,127,567	\$17,795,694	\$225,585,265
30. Less: Included in Base Rates	(\$121,512)	(\$119,582)	(\$131,104)	(\$132,750)	(\$119,733)	(\$138,400)	(\$129,723)	(\$134,948)	(\$135,127)	(\$119,055)	(\$135,682)	(\$133,912)	(\$1,551,527)
31. Recoverable Conservation Expenses	\$15,527,784	\$15,568,185	\$15,176,779	\$18,901,737	\$19,047,798	\$20,030,020	\$20,251,986	\$23,448,928	\$20,536,299	\$20,890,535	\$16,991,905	\$17,661,782	\$224,033,738

Totals may not add due to rounding.



FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
CONSERVATION TRUE-UP INTEREST CALCULATION

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2012

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
<b>B. CONSERVATION PROGRAM REVENUES</b>													
1. Residential Load Control Credit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Conservation Clause Revenues (Net of Revenue Taxes)	\$20,529,658	\$18,740,442	\$19,856,148	\$21,177,360	\$21,620,570	\$24,661,404	\$25,791,803	\$26,618,550	\$25,636,743	\$24,290,147	\$20,153,019	\$19,074,064	\$268,149,908
3. Total Revenues	\$20,529,658	\$18,740,442	\$19,856,148	\$21,177,360	\$21,620,570	\$24,661,404	\$25,791,803	\$26,618,550	\$25,636,743	\$24,290,147	\$20,153,019	\$19,074,064	\$268,149,908
4. Adjustment Not Applicable To Period - Prior True-up	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$4,158,327)	(\$49,899,927)
5. Conservation Revenues Applicable To Period (Line B3 + B4)	\$16,371,330	\$14,582,115	\$15,697,821	\$17,019,032	\$17,462,243	\$20,503,077	\$21,633,476	\$22,460,222	\$21,478,416	\$20,131,820	\$15,994,692	\$14,915,737	\$218,249,981
6. Conservation Expenses (From CT-3, Page 1, Line 31)	\$15,527,784	\$15,568,185	\$15,176,779	\$18,901,737	\$19,047,798	\$20,030,020	\$20,251,986	\$23,448,928	\$20,536,299	\$20,890,534	\$16,991,905	\$17,661,782	\$224,033,739
7. True-up This Period (Line B5 - Line B6)	\$843,546	(\$986,070)	\$521,042	(\$1,882,705)	(\$1,585,555)	\$473,057	\$1,381,490	(\$988,706)	\$942,116	(\$758,715)	(\$997,214)	(\$2,746,045)	(\$5,783,758)
8. Interest Provision For The Month (From CT-3, Page 3, Line C10)	(\$2,426)	(\$3,327)	(\$2,566)	(\$2,391)	(\$2,595)	(\$2,041)	(\$1,691)	(\$1,434)	(\$677)	(\$305)	(\$26)	\$182	(\$19,299)
9. True-up & Interest Provision Beginning of Month	(\$49,899,927)	(\$44,900,479)	(\$41,731,549)	(\$37,054,746)	(\$34,781,515)	(\$32,211,339)	(\$27,581,996)	(\$22,043,870)	(\$18,875,682)	(\$13,775,915)	(\$10,376,608)	(\$7,215,521)	(\$49,899,927)
a. Deferred True-up Beginning of Period	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294	\$8,586,294
10. Prior True-up Collected/(Refunded)	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$4,158,327	\$49,899,927
11. End of Period True-up - Over/(Under) Recovery (Line B7+B8+B9+B9a+B10)	(\$36,314,185)	(\$33,145,255)	(\$28,468,452)	(\$26,195,221)	(\$23,625,045)	(\$18,995,702)	(\$13,457,576)	(\$10,289,388)	(\$5,189,621)	(\$1,790,314)	\$1,370,773	\$2,783,237	\$2,783,236

Totals may not add due to rounding.

() Reflects Under-recovery

N/A = Not applicable

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
CONSERVATION TRUE-UP INTEREST CALCULATION

SCHEDULE: CT-3

JANUARY THROUGH DECEMBER 2012

	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
<b>C. INTEREST PROVISION</b>													
1. Beginning True-up Amount (CT-3, Page 2 Line 9 + 9a)	(\$41,313,632)	(\$36,314,185)	(\$33,145,255)	(\$28,468,452)	(\$26,195,221)	(\$23,625,045)	(\$18,995,702)	(\$13,457,576)	(\$10,289,388)	(\$5,189,621)	(\$1,790,314)	\$1,370,773	(\$237,413,619)
2. Ending True-up Amount Before Interest (CT-3, Page2, Line 7+8+9+9a+10)	(\$36,311,760)	(\$33,141,928)	(\$28,465,886)	(\$26,192,830)	(\$23,622,449)	(\$18,993,661)	(\$13,455,885)	(\$10,287,954)	(\$5,188,944)	(\$1,790,009)	\$1,370,800	\$2,783,055	(\$193,297,451)
3. Total of Beginning & Ending True-up (Line C1+C2)	(\$77,625,392)	(\$69,456,114)	(\$61,611,141)	(\$54,661,282)	(\$49,817,671)	(\$42,618,706)	(\$32,451,587)	(\$23,745,529)	(\$15,478,332)	(\$6,979,630)	(\$419,515)	\$4,153,829	(\$430,711,070)
4. Average True-up Amount (50% of Line C3)	(\$38,812,696)	(\$34,728,057)	(\$30,805,571)	(\$27,330,641)	(\$24,908,835)	(\$21,309,353)	(\$16,225,794)	(\$11,872,765)	(\$7,739,166)	(\$3,489,815)	(\$209,757)	\$2,076,914	(\$215,355,535)
5. Interest Rate - First Day of Reporting Business Month	0.03000%	0.12000%	0.11000%	0.09000%	0.12000%	0.13000%	0.10000%	0.15000%	0.14000%	0.07000%	0.14000%	0.16000%	N/A
6. Interest Rate - First day of Subsequent Business Month	0.12000%	0.11000%	0.09000%	0.12000%	0.13000%	0.10000%	0.15000%	0.14000%	0.07000%	0.14000%	0.16000%	0.05000%	N/A
7. Total (Line C5 + C6)	0.15000%	0.23000%	0.20000%	0.21000%	0.25000%	0.23000%	0.25000%	0.29000%	0.21000%	0.21000%	0.30000%	0.21000%	N/A
8. Average Interest Rate (50% of Line C7)	0.07500%	0.11500%	0.10000%	0.10500%	0.12500%	0.11500%	0.12500%	0.14500%	0.10500%	0.10500%	0.15000%	0.10500%	N/A
9. Monthly Average Interest Rate (Line C8 / 12)	0.00625%	0.00958%	0.00833%	0.00875%	0.01042%	0.00958%	0.01042%	0.01208%	0.00875%	0.00875%	0.01250%	0.00875%	N/A
10. Interest Provision for the Month (Line C4 x C9)	(\$2,426)	(\$3,327)	(\$2,566)	(\$2,391)	(\$2,596)	(\$2,041)	(\$1,691)	(\$1,434)	(\$677)	(\$305)	(\$26)	\$182	(\$19,299)

Totals may not add due to rounding.

() Reflects Under-recovery

N/A = Not applicable

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE: CT-4

JANUARY THROUGH DECEMBER 2012

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
<b>Load Management (Program Nos. 7 &amp; 15)</b>														
1. Investment (Net of Retirements)		(\$722,236)	(\$109,205)	(\$8,448,307)	(\$86,921)	(\$33,519)	(\$71,013)	\$61,234	\$466,360	\$1,090,867	\$1,797,533	(\$19,752)	\$108,265	(\$3,966,695)
2. Depreciation Base		\$30,525,054	\$30,415,849	\$23,967,542	\$23,880,621	\$23,847,102	\$23,776,089	\$23,837,322	\$24,303,683	\$25,394,550	\$27,192,083	\$27,172,330	\$27,280,595	n/a
3. Depreciation Expense <sup>(a)</sup>		\$501,294	\$469,735	\$398,169	\$397,047	\$401,654	\$397,281	\$398,233	\$519,164	\$700,898	\$905,035	\$452,397	\$450,684	\$5,991,591
4. Cumulative Investment (Line 2)	\$31,247,290	\$30,525,054	\$30,415,849	\$23,967,542	\$23,880,621	\$23,847,102	\$23,776,089	\$23,837,322	\$24,303,683	\$25,394,550	\$27,192,083	\$27,172,330	\$27,280,595	n/a
5. Less: Accumulated Depreciation	\$18,240,393	\$18,049,549	\$18,392,086	\$12,343,240	\$12,617,776	\$12,974,946	\$13,297,445	\$13,672,641	\$14,141,435	\$14,757,802	\$15,630,425	\$16,031,217	\$16,481,584	n/a
6. Net Investment (Line 4 - 5)	\$13,006,897	\$12,475,504	\$12,023,764	\$11,624,302	\$11,262,845	\$10,872,156	\$10,478,644	\$10,164,682	\$10,162,248	\$10,636,747	\$11,561,658	\$11,141,114	\$10,799,011	n/a
7. Average Net Investment		\$12,741,200	\$12,249,634	\$11,824,033	\$11,443,573	\$11,067,501	\$10,675,400	\$10,321,663	\$10,163,465	\$10,399,498	\$11,099,202	\$11,351,386	\$10,970,062	
8. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$49,924	\$47,998	\$46,330	\$44,839	\$43,366	\$41,829	\$40,443	\$39,824	\$40,748	\$43,490	\$44,478	\$42,984	
b. Equity Component grossed up for taxes (Line 8a/.61425)		\$81,276	\$78,140	\$75,425	\$72,999	\$70,600	\$68,098	\$65,842	\$64,833	\$66,338	\$70,802	\$72,410	\$69,978	\$856,742
c. Debt Component (Line 7 * debt rate * 1/12) <sup>(c)</sup>		\$20,676	\$19,879	\$19,188	\$18,571	\$17,960	\$17,324	\$16,750	\$16,493	\$16,876	\$18,012	\$18,421	\$17,802	\$217,953
9. Total Return Requirements (Line 8b + 8c)		\$101,953	\$98,019	\$94,614	\$91,569	\$88,560	\$85,422	\$82,592	\$81,326	\$83,215	\$88,814	\$90,832	\$87,780	\$1,074,695
10. Total Depreciation & Return (Line 3 + 9)		\$603,247	\$567,754	\$492,783	\$488,616	\$490,213	\$482,703	\$480,825	\$600,490	\$784,113	\$993,849	\$543,229	\$538,464	\$7,066,286
<b>Allocation of Depreciation and Return on Investment Between Programs</b>														
<b>Residential On Call Program No. 7 (94.8%)</b>														
Depreciation (Prog #7)		\$475,227	\$445,309	\$377,464	\$376,400	\$380,768	\$376,622	\$377,525	\$492,168	\$664,451	\$857,973	\$428,873	\$427,248	\$5,680,029
Return (Prog #7)		\$96,547	\$92,818	\$89,590	\$86,703	\$83,851	\$80,876	\$78,193	\$76,993	\$78,783	\$84,091	\$86,004	\$83,112	\$1,017,561
Total (Prog #7)		\$571,774	\$538,127	\$467,054	\$463,104	\$464,618	\$457,499	\$455,718	\$569,161	\$743,235	\$942,064	\$514,877	\$510,360	\$6,697,590
<b>Business On Call Program No. 15 (5.2%)</b>														
Depreciation (Prog #15)		\$26,067	\$24,426	\$20,705	\$20,646	\$20,886	\$20,659	\$20,708	\$26,997	\$36,447	\$47,062	\$23,525	\$23,436	\$311,563
Return (Prog #15)		\$5,406	\$5,201	\$5,024	\$4,866	\$4,709	\$4,546	\$4,399	\$4,333	\$4,431	\$4,722	\$4,827	\$4,669	\$57,133
Total (Prog #15)		\$31,473	\$29,627	\$25,729	\$25,512	\$25,595	\$25,205	\$25,107	\$31,330	\$40,878	\$51,784	\$28,352	\$28,104	\$368,696
<b>Total</b>														
Depreciation		\$501,294	\$469,735	\$398,169	\$397,047	\$401,654	\$397,281	\$398,233	\$519,164	\$700,898	\$905,035	\$452,397	\$450,684	\$5,991,591
Return		\$101,953	\$98,019	\$94,614	\$91,569	\$88,560	\$85,422	\$82,592	\$81,326	\$83,215	\$88,814	\$90,832	\$87,780	\$1,074,695
Total		\$603,247	\$567,754	\$492,783	\$488,616	\$490,213	\$482,703	\$480,825	\$600,490	\$784,113	\$993,849	\$543,229	\$538,464	\$7,066,286

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

<sup>(b)</sup> Monthly Equity Component of 4.7019% reflects a 10% return on equity as approved on Order PSC-10-0153-FOF-EI

<sup>(c)</sup> Monthly Debt Component is 1.9473% as approved on Order No PSC-10-0153-FOF-EI

Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE: CT-4

JANUARY THROUGH DECEMBER 2012

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
<b>25. Solar Pilot Projects Common Expenses</b>														
1. Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$1,699,398	\$7,026	\$36,057	\$433	\$0	\$0	\$3,735	\$0	\$1,746,648
2. Depreciation Base		\$0	\$0	\$0	\$0	\$1,699,398	\$1,706,424	\$1,742,480	\$1,742,913	\$1,742,913	\$1,742,913	\$1,746,648	\$1,746,648	n/a
3. Depreciation Expense <sup>(a)</sup>		\$0	\$0	\$0	\$0	\$42,485	\$28,383	\$28,758	\$29,081	\$29,085	\$29,085	\$29,120	\$31,445	\$247,442
4. Cumulative Investment (Line 2)	\$0	\$0	\$0	\$0	\$0	\$1,699,398	\$1,706,424	\$1,742,480	\$1,742,913	\$1,742,913	\$1,742,913	\$1,746,648	\$1,746,648	n/a
5. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$42,485	\$70,868	\$99,626	\$128,707	\$157,792	\$186,877	\$215,996	\$247,442	n/a
6. Net Investment (Line 4 - 5)	\$0	\$0	\$0	\$0	\$0	\$1,656,913	\$1,635,555	\$1,642,854	\$1,614,206	\$1,585,121	\$1,556,036	\$1,530,652	\$1,499,206	n/a
7. Average Net Investment		\$0	\$0	\$0	\$0	\$828,456	\$1,646,234	\$1,639,205	\$1,628,530	\$1,599,664	\$1,570,579	\$1,543,344	\$1,514,929	
8. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$0	\$0	\$0	\$0	\$3,246	\$6,450	\$6,423	\$6,381	\$6,268	\$6,154	\$6,047	\$5,936	
b. Equity Component grossed up for taxes (Line 8a/61425)		\$0	\$0	\$0	\$0	\$5,285	\$10,501	\$10,456	\$10,388	\$10,204	\$10,019	\$9,845	\$9,664	\$76,363
c. Debt Component (Line 7 * debt rate * 1/12) <sup>(c)</sup>		\$0	\$0	\$0	\$0	\$1,344	\$2,672	\$2,660	\$2,643	\$2,596	\$2,549	\$2,505	\$2,458	\$19,426
9. Total Return Requirements (Line 8b + 8c)		\$0	\$0	\$0	\$0	\$6,629	\$13,173	\$13,117	\$13,031	\$12,800	\$12,567	\$12,350	\$12,122	\$95,789
10. Total Depreciation & Return (Line 3 + 9)		\$0	\$0	\$0	\$0	\$49,114	\$41,556	\$41,875	\$42,112	\$41,885	\$41,652	\$41,469	\$43,568	\$343,231

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

<sup>(b)</sup> Monthly Equity Component of 4.7019% reflects a 10% return on equity as approved on Order PSC-10-0153-FOF-EI

<sup>(c)</sup> Monthly Debt Component is 1.9473% as approved on Order No PSC-10-0153-FOF-EI

Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY  
ENERGY CONSERVATION COST RECOVERY  
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION RETURN

SCHEDULE: CT-4

JANUARY THROUGH DECEMBER 2012

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
<b>28. Common Expenses</b>														
1. Investment (Net of Retirements)		\$988,681	(\$905)	(\$10,114)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$869,036	\$1,846,698
2. Depreciation Base		\$9,564,639	\$9,563,735	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$10,422,657	n/a
3. Depreciation Expense <sup>(a)</sup>		\$152,390	\$160,259	\$159,050	\$202,134	\$159,227	\$159,227	\$159,227	\$159,227	\$159,227	\$159,227	\$159,227	\$172,784	\$1,961,207
4. Cumulative Investment (Line 2)	\$8,575,959	\$9,564,639	\$9,563,735	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$9,553,621	\$10,422,657	n/a
5. Less: Accumulated Depreciation	\$2,501,986	\$2,654,376	\$2,814,636	\$2,973,696	\$3,175,820	\$3,335,047	\$3,494,274	\$3,653,501	\$3,812,728	\$3,971,955	\$4,131,182	\$4,290,409	\$4,463,193	n/a
6. Net Investment (Line 4 - 5)	\$6,073,972	\$6,910,263	\$6,749,099	\$6,579,935	\$6,377,801	\$6,218,574	\$6,059,347	\$5,900,120	\$5,740,893	\$5,581,666	\$5,422,439	\$5,263,212	\$5,959,464	n/a
7. Average Net Investment		\$6,492,118	\$6,829,681	\$6,664,517	\$6,478,668	\$6,298,188	\$6,138,960	\$5,979,733	\$5,820,506	\$5,661,279	\$5,502,052	\$5,342,825	\$5,611,338	n/a
8. Return on Average Net Investment														
a. Equity Component <sup>(b)</sup>		\$25,438	\$26,761	\$26,114	\$25,386	\$24,678	\$24,054	\$23,430	\$22,806	\$22,183	\$21,559	\$20,935	\$21,987	
b. Equity Component grossed up for taxes (Line 8a/81425)		\$41,413	\$43,567	\$42,513	\$41,329	\$40,176	\$39,160	\$38,145	\$37,129	\$36,113	\$35,098	\$34,082	\$35,795	\$464,519
c. Debt Component (Line 7 * debt rate * 1/12) <sup>(c)</sup>		\$10,535	\$11,083	\$10,815	\$10,514	\$10,221	\$9,962	\$9,704	\$9,446	\$9,187	\$8,929	\$8,670	\$9,106	\$118,172
9. Total Return Requirements (Line 8b + 8c)		\$51,949	\$54,650	\$53,328	\$51,843	\$50,397	\$49,123	\$47,849	\$46,575	\$45,300	\$44,026	\$42,752	\$44,901	\$582,692
10. Total Depreciation & Return (Line 3 + 9)		\$204,339	\$214,909	\$212,379	\$253,976	\$209,624	\$208,350	\$207,076	\$205,802	\$204,527	\$203,253	\$201,979	\$217,685	\$2,543,898

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

<sup>(b)</sup> Monthly Equity Component of 4.7019% reflects a 10% return on equity as approved on Order PSC-10-0153-FOF-EI

<sup>(c)</sup> Monthly Debt Component is 1.9473% as approved on Order No PSC-10-0153-FOF-EI

Totals may not add due to rounding.

**Reconciliation and Explanation of  
Differences between Filing and FPSC Audit  
Report for Months: January through December 2012**

**The Audit has not been completed as of the date of this Filing.**

- 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 rebate 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 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.
- 4. 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.
- 5. 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.
- 6. Residential 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.
- 7. 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.

- 8. Business Energy Evaluation Program (BEE):**  
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, even if they are not included in FPL's DSM Plan. The BEE is also used to qualify customers for other business rebate programs dependent upon audit findings.
- 9. 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.
- 10. 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.
- 11. 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.
- 12. 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.
- 13. 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.
- 14. 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.
- 15. 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.



**16. 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.

**17. Commercial/Industrial 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.

**18. 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.

**19. 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.

**20. 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.

**21. 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.

**22. 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.

**23. 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.

**24. 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.

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

This program captures expenses common to all Solar Pilot Projects.

**26. Cogeneration and 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.

**27. 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.

**28. Common Expenses:**

This program captures expenses common to all programs.

**Florida Power & Light Company**  
**Program Progress**  
**January through December 2012**

Pgm. No.	Program Title	2012 Accomplishments	2012 Expenditures & Variance v. Actual/Estimate (1)	Progress Summary (Inception through December 2012)
1	Residential Home Energy Survey Program	Surveys = 145,069	Total = \$12,113,733 Variance = (\$575,418)	Surveys = 3,195,876
2	Residential Building Envelope Program	Installations = 11,639	Total = \$4,605,379 Variance = \$5,421	Installations = 541,932
3	Residential Duct System Testing and Repair Program	Installations = 1,277	Total = \$775,689 Variance = (\$330,762)	Installations = 499,715
4	Residential Air Conditioning Program	Installations = 101,156	Total = \$64,024,130 Variance = \$2,332,687	Installations = 1,554,251
5	Residential New Construction Program (BuildSmart®)	Homes = 2,943	Total = \$873,668 Variance = (\$55,107)	Homes = 29,864
6	Residential Low-Income Weatherization Program	Installations = 2,505	Total = \$284,487 Variance = \$97,188	Installations = 6,969
7	Residential Load Management Program ("On Call")	Installations = 13,910	Installations = \$56,135,174 Cost = (\$425,191)	Participants = 810,217
8	Business Energy Evaluation Program	Evaluations = 12,089	Total = \$7,126,232 Variance = (\$485,081)	Evaluations = 178,201
9	Business Efficient Lighting Program	kW* = 4,784	Total = \$686,363 Variance = \$11,406	kW = 283,526
10	Business Heating, Ventilating and Air Conditioning Program	kW = 13,301	Total = \$6,345,342 Variance = (\$288,029)	kW = 359,748
11	Business Custom Incentive Program	kW = 2,540 See CT-6 Pages 7-19; 20-32; 33-45; 46-58; 59-71; 72-84; 85-97; 98-110; 111-123.	Total = \$504,794 Variance = (\$245,047)	kW = 41,839
12	Business Building Envelope Program	kW = 7,361	Total = \$6,755,523 Variance = (\$803,109)	kW = 100,959
13	Business Water Heating Program	kW = 25	Total = (\$2,759) Variance = \$7,506	kW = 239
14	Business Refrigeration Program	kW = 66	Total = \$38,329 Variance = \$1,665	kW = 810
15	Business On Call Program	kW = 4,867	Total = \$3,665,979 Variance = (\$358,853)	MW* under contract = 99
16	Commercial/Industrial Load Control Program (CILC)	Closed to new participants.	Total = \$25,778,052 Variance = \$8,495	MW under contract = 497. See CT6, Page 124 of 128 for a list of customers that no longer participate on C/I Load Control Rate.
17	Commercial/Industrial Demand Reduction Program	kW = 17,687	Total = \$10,093,875 Variance = \$1,552	MW under contract = 237. See CT6, Page 125 of 128 for a list of customers that no longer participate on C/I Demand Reduction Rider.

Note: (1) Variance where actuals less than Actual/Estimate shown with ( )

\* kW and MW reduction are at the generator

**Florida Power & Light Company  
Program Progress  
January through December 2012**

Pgm. No.	Program Title	2012 Accomplishments	2012 Expenditures & Variance v. Actual/Estimate (1)	Progress Summary (Inception through December 2012)
18	Residential Solar Water Heating Pilot	kW = 271	Total = \$1,580,152 Variance = (\$102,907)	kW = 398
19	Residential Solar Water Heating (Low Income New Construction) Pilot	kW = 27	Total = \$429,673 Variance = (\$16,149)	kW = 27
20	Residential Photovoltaic Pilot	kW = 755	Total = \$3,415,009 Variance = \$621,037	kW = 1,537
21	Business Solar Water Heating Pilot	kW = 50	Total = \$392,078 Variance = (\$126,091)	kW = 118
22	Business Photovoltaic Pilot	kW = 699	Total = \$2,579,369 Variance = (\$509,237)	kW = 976
23	Business Photovoltaic for Schools Pilot	There are 29 schools under contract and construction has started on 15.	Total = \$153,285 Variance = \$1,410	There are 29 schools under contract and construction has started on 15. Completion is expected in 2013.
24	Renewable Research and Demonstration Project	N/A	Total = \$537,874 Variance = (\$935,551)	See Schedule CT-6, Page 126 of 128 for details of activities during this period.
25	Solar Pilot Project Common Expenses	N/A	Total = \$673,210 Variance = (\$11,156)	N/A
26	Cogeneration & Small Power Production	635 MW of firm capacity at time of system peak; 2,476 GWh's of purchase power. Five firm and eight as available power producers.	Total = \$618,983 Variance = \$7,032	MW under contract (facility size) = 635; Committed capacity = 635MW.
27	Conservation Research & Development Program	This period included the continuation of technology of products/concepts for potential DSM opportunities.	Total = \$341,744 Variance = \$7,032	See Schedule CT-6, Pages 127-128 of 128 for details of activities during this period.
28	Common Expenses	N/A	Total = \$15,059,901 Variance = (\$809,159)	N/A

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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	27.21 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	36.39664 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR KWh REDUCTION PER CUSTOMER	297,252.00 KWh
(5) KWh LINE LOSS PERCENTAGE	6.73 %
(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	1.58539
(5) K FACTOR FOR T & D	1.44990

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	7.29 %
(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	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2011
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2014-2020
(4) BASE YEAR AVOIDED GENERATING COST	\$37.58 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	\$62.99 \$/kW
(6) BASE YEAR DISTRIBUTION COST	\$1.44 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	\$8.38 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	2.81 \$/kW
(11) DISTRIBUTION FIXED O & M COST	2.07 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.084 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	50% ** (In-service: year)
(16) AVOIDED GENERATING UNIT FUEL COST	5.64 CENTS PER kWh** (In-service: year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.71 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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



1 CALCULATION OF GEN K-FACTOR  
2 PROGRAM METHOD SELECTED REV REQ  
3 PROGRAM NAME: [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) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2020	42	1	0	2	2	1	0	1	0	7	7	7	41
2021	40	1	0	2	1	1	0	1	1	7	6	14	42
2022	38	1	0	2	1	1	0	1	1	7	6	19	43
2023	36	1	0	2	1	1	0	1	0	6	5	25	44
2024	34	1	0	2	1	1	0	1	0	6	5	29	45
2025	33	1	0	2	1	1	0	1	0	6	4	33	46
2026	31	1	0	2	1	1	0	1	0	6	4	37	48
2027	29	1	0	2	1	1	0	1	0	5	3	41	49
2028	28	1	0	2	1	1	0	1	0	5	3	44	50
2029	26	1	0	2	1	1	0	1	0	5	3	46	51
2030	25	1	0	1	1	0	0	1	0	5	3	49	53
2031	23	1	0	1	1	0	0	1	0	5	2	51	54
2032	22	0	0	1	1	0	0	1	0	4	2	53	55
2033	20	0	0	1	1	0	0	1	0	4	2	54	57
2034	18	0	0	1	1	0	0	1	0	4	2	56	58
2035	17	0	0	1	1	0	0	1	0	4	1	57	59
2036	15	0	0	1	1	0	0	1	0	4	1	59	61
2037	14	0	0	1	1	0	0	1	0	4	1	60	62
2038	12	0	0	1	1	0	0	1	0	3	1	61	64
2039	11	0	0	1	1	0	0	1	0	3	1	61	66
2040	9	0	0	1	1	0	0	1	0	3	1	62	67
2041	8	0	0	1	1	0	0	1	0	3	1	62	69
2042	7	0	0	0	1	0	0	1	0	3	1	63	71
2043	6	0	0	0	1	0	0	1	0	2	0	63	72
2044	5	0	0	0	1	0	0	1	0	2	0	64	74
2045	4	0	0	0	1	0	0	1	0	2	0	64	76
2046	3	0	0	0	1	0	0	1	0	2	0	64	78
2047	3	0	0	0	1	0	0	1	0	2	0	65	80
2048	2	0	0	0	1	0	0	1	0	2	0	65	82
2049	1	0	0	0	1	0	0	1	0	2	0	65	84

IN SERVICE COST (\$000)	41
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

SOURCE	WEIGHT	COST	%
DEBT	41%	5.50	%
P/S	0%	0.00	%
C/S	59%	10.00	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58539

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)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2020	3.75%	2	2	1	1	1	1	0	2	0	0	0	0	(1)
2021	7.22%	3	4	1	3	1	3	1	2	0	0	0	1	0
2022	6.68%	3	7	1	4	1	4	1	2	0	0	0	1	1
2023	6.18%	2	10	1	5	1	5	0	2	0	0	0	0	1
2024	5.71%	2	12	1	7	1	6	0	2	0	0	0	0	1
2025	5.29%	2	14	1	8	1	8	0	2	0	0	0	0	1
2026	4.89%	2	16	1	10	1	8	0	2	0	0	0	0	2
2027	4.52%	2	18	1	11	1	9	0	2	0	0	0	0	2
2028	4.46%	1	20	1	12	1	10	0	2	0	0	0	0	2
2029	4.46%	2	21	1	14	1	12	0	2	0	0	0	0	2
2030	4.46%	2	23	1	15	1	13	0	2	0	0	0	0	2
2031	4.46%	2	25	1	16	1	14	0	2	0	0	0	0	3
2032	4.46%	2	27	1	18	1	16	0	2	0	0	0	0	3
2033	4.46%	2	29	1	18	1	17	0	2	0	0	0	0	3
2034	4.46%	2	29	1	19	1	18	0	2	0	0	0	0	3
2035	4.46%	2	31	1	21	1	19	0	2	0	0	0	0	3
2036	4.46%	2	32	1	22	1	21	0	2	0	0	0	0	4
2037	4.46%	2	34	1	23	1	22	0	2	0	0	0	0	4
2038	4.46%	2	36	1	25	1	23	0	2	0	0	0	0	4
2039	4.46%	2	38	1	26	1	25	0	2	0	0	0	0	4
2040	4.46%	2	40	1	27	1	26	0	2	0	0	0	0	4
2041	2.23%	1	40	1	29	1	27	0	2	0	0	0	0	5
2042	0.00%	0	40	1	30	1	28	(0)	2	0	0	0	(0)	4
2043	0.00%	0	40	1	31	1	30	(0)	2	0	0	0	(0)	4
2044	0.00%	0	40	1	33	1	31	(0)	2	0	0	0	(0)	3
2045	0.00%	0	40	1	34	1	34	(0)	2	0	0	0	(0)	3
2046	0.00%	0	40	1	36	1	32	(0)	2	0	0	0	(0)	2
2047	0.00%	0	40	1	37	1	34	(0)	2	0	0	0	(0)	2
2048	0.00%	0	40	1	38	1	35	(0)	2	0	0	0	(0)	1
2049	0.00%	0	40	1	40	1	36	(0)	2	0	0	0	(0)	1
					41	1	38	(0)	2	0	0	0	(0)	1
							39	(0)	2	0	0	0	(0)	0

SALVAGE/ REMOVAL COST	0.00
YEAR SALVAGE/ COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%



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

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEPTAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2020	3.75%	2	0	40	1	(1)	42	40	41
2021	7.22%	3	1	38	3	0	40	38	39
2022	6.68%	3	1	37	4	1	38	36	37
2023	6.18%	2	0	36	5	1	36	34	35
2024	5.71%	2	0	34	7	1	34	33	34
2025	5.29%	2	0	33	8	2	33	31	32
2026	4.89%	2	0	31	10	2	31	29	30
2027	4.52%	2	0	30	11	2	29	28	29
2028	4.46%	2	0	29	12	2	28	26	27
2029	4.46%	2	0	27	14	3	26	25	25
2030	4.46%	2	0	26	15	3	25	23	24
2031	4.46%	2	0	25	16	3	23	22	22
2032	4.46%	2	0	23	18	3	22	20	21
2033	4.46%	2	0	22	19	3	20	18	19
2034	4.46%	2	0	21	21	4	18	17	18
2035	4.46%	2	0	19	22	4	17	15	16
2037	4.46%	2	0	18	23	4	15	14	15
2038	4.46%	2	0	16	25	4	14	12	13
2039	4.46%	2	0	15	26	4	12	11	11
2040	2.23%	1	(0)	14	27	5	11	9	10
2041	0.00%	0	(0)	12	29	4	9	8	8
2042	0.00%	0	(0)	11	30	4	8	7	7
2043	0.00%	0	(0)	10	31	3	7	6	6
2044	0.00%	0	(0)	8	33	3	6	5	5
2045	0.00%	0	(0)	7	34	2	5	4	4
2046	0.00%	0	(0)	5	36	2	4	3	3
2047	0.00%	0	(0)	4	37	1	3	3	3
2048	0.00%	0	(0)	3	38	1	3	2	2
2049	0.00%	0	(0)	1	40	1	2	1	1
				(0)	41	0	1	0	0

\* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2011	-9	0.00%	1.000	0.00%	0.00	0.00
2012	-8	3.00%	1.030	0.00%	0.00	0.00
2013	-7	3.00%	1.061	0.00%	0.00	0.00
2014	-6	3.00%	1.093	0.00%	0.00	0.00
2015	-5	3.00%	1.126	0.10%	0.92	0.46
2016	-4	3.00%	1.159	0.34%	3.33	2.59
2017	-3	3.00%	1.194	12.10%	120.98	64.74
2018	-2	3.00%	1.230	52.66%	542.48	396.47
2019	-1	3.00%	1.267	34.80%	369.25	852.33

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(9a)* DEBT AFUDC (\$/KW)	(9b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9c)* YEARLY TOTAL AFUDC (\$/KW)	(9d)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9e)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9f)* CUMULATIVE CPI (\$/KW)	(9g)* DEFERRED TAXES (\$/KW)	(9h)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2011	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-5	0.46	0.01	0.01	0.03	0.03	0.03	0.03	(0.01)	(0.01)	0.95	0.95
2016	-4	2.62	0.06	0.07	0.18	0.21	0.14	0.17	(0.03)	(0.04)	3.50	4.45
2017	-3	64.94	1.46	1.53	4.35	4.53	3.57	3.74	(0.81)	(0.85)	125.32	129.78
2018	-2	401.02	9.04	10.57	26.88	31.43	22.01	25.75	(5.01)	(5.86)	569.56	699.14
2019	-1	883.76	20.00	30.57	59.51	90.94	48.29	74.04	(10.91)	(16.77)	438.76	1,127.89

IN SERVICE YEAR	2020
PLANT COSTS	\$37,581,030.3
AFUDC RATE	6.69%

	30.57	90.94	74.04	(16.77)	1,127.89
	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS		
CONSTRUCTION CASH	38	38	38		
EQUITY AFUDC	2				
DEBT AFUDC	1	1			
CPI			3		
TOTAL	41	39	40		

\* Columns not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (¢/kWh)	(5) AVOIDED MARGINAL FUEL COST (¢/kWh)	(6)* INCREASED MARGINAL FUEL COST (¢/kWh)	(7) REPLACEMENT FUEL COST (¢/kWh)	(8) PROGRAM kW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2011	1	1	3.91	5.40	3.94	0.00	1.00	1.00
2012	1	1	3.93	5.44	3.95	0.00	1.00	1.00
2013	1	1	4.08	5.72	4.10	0.00	1.00	1.00
2014	1	1	4.18	5.77	4.20	0.00	1.00	1.00
2015	1	1	4.47	6.28	4.50	0.00	1.00	1.00
2016	1	1	4.95	7.22	4.98	0.00	1.00	1.00
2017	1	1	5.42	8.09	5.45	0.00	1.00	1.00
2018	1	1	7.40	10.97	7.44	0.00	1.00	1.00
2019	1	1	7.77	11.01	7.82	0.00	1.00	1.00
2020	1	1	8.31	12.10	8.36	7.58	1.00	1.00
2021	1	1	8.82	12.50	8.87	7.47	1.00	1.00
2022	1	1	9.18	12.88	9.23	7.56	1.00	1.00
2023	1	1	9.65	13.34	9.71	8.02	1.00	1.00
2024	1	1	10.56	15.02	10.61	8.78	1.00	1.00
2025	1	1	11.30	15.96	11.36	9.27	1.00	1.00
2026	1	1	11.65	16.27	11.71	9.07	1.00	1.00
2027	1	1	12.03	16.65	12.11	9.32	1.00	1.00
2028	1	1	12.45	17.26	12.51	9.44	1.00	1.00
2029	1	1	12.75	16.84	12.81	9.51	1.00	1.00
2030	1	1	13.21	17.47	13.27	9.63	1.00	1.00
2031	1	1	13.49	17.68	13.55	9.82	1.00	1.00
2032	1	1	13.68	16.72	13.74	9.93	1.00	1.00
2033	1	1	14.09	17.87	14.15	10.65	1.00	1.00
2034	1	1	14.43	18.14	14.49	10.28	1.00	1.00
2035	1	1	14.70	18.14	14.77	10.55	1.00	1.00
2036	1	1	14.98	18.23	15.05	10.59	1.00	1.00
2037	1	1	15.26	18.43	15.32	10.74	1.00	1.00
2038	1	1	15.56	18.39	15.63	11.04	1.00	1.00
2039	1	1	15.81	18.11	15.87	11.11	1.00	1.00
2040	1	1	16.11	18.51	16.18	11.31	1.00	1.00
2041	1	1	16.45	19.14	16.52	11.48	1.00	1.00
2042	1	1	16.77	19.56	16.85	11.75	1.00	1.00
2043	1	1	17.03	18.84	17.10	11.81	1.00	1.00
2044	1	1	17.38	19.32	17.45	12.09	1.00	1.00
2045	1	1	17.75	20.05	17.82	12.51	1.00	1.00
2046	1	1	18.04	19.49	18.11	12.54	1.00	1.00
2047	1	1	18.40	19.86	18.47	12.73	1.00	1.00
2048	1	1	18.77	20.32	18.83	12.92	1.00	1.00
2049	1	1	19.10	20.26	19.18	13.10	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.















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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER .....	92.05 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	123,15056 KW
(3) KW LINE LOSS PERCENTAGE .....	8.81 %
(4) GENERATOR KW% REDUCTION PER CUSTOMER .....	955,450.96 kWh
(5) KW% LINE LOSS PERCENTAGE .....	6.73 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.00
(7) CUSTOMER KW% 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 .....	1.58539
(5) K FACTOR FOR T & D .....	1.44990

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 .....	7.29 %
(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 .....	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR .....	2011
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2020
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2014-2020
(4) BASE YEAR AVOIDED GENERATING COST .....	\$37.58 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	\$62.99 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	\$1.44 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	\$8.38 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	2.50 %**
(10) TRANSMISSION FIXED O & M COST .....	2.81 \$/KW
(11) DISTRIBUTION FIXED O & M COST .....	2.07 \$/KW
(12) T&D FIXED O&M ESCALATION RATE .....	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.084 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE .....	2.50 %**
(15) GENERATOR CAPACITY FACTOR .....	30% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	5.64 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	8.71 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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



1 CALCULATION OF GEN K-FACTOR  
2 PROGRAM METHOD SELECTED REV\_REQ  
3 PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRECI- \$(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)
2020	141	3	0	8	3	0	3	0	24	24	24	139
2021	136	3	0	8	3	0	3	2	23	22	46	142
2022	129	3	0	8	3	0	3	2	25	20	66	146
2023	123	3	0	7	3	0	3	2	22	18	83	150
2024	117	3	0	7	3	0	3	2	21	16	99	153
2025	111	2	0	7	3	0	3	1	20	14	113	157
2026	105	2	0	6	3	0	3	1	19	13	126	161
2027	99	2	0	6	3	0	3	1	19	11	137	165
2028	94	2	0	6	3	0	3	1	18	10	147	169
2029	89	2	0	5	3	0	3	1	17	9	156	173
2030	84	2	0	5	3	0	3	1	16	8	165	178
2031	78	2	0	5	2	0	3	1	16	7	172	182
2032	73	2	0	4	2	0	3	1	15	6	178	187
2033	68	2	0	4	2	0	3	1	14	6	184	191
2034	62	1	0	4	2	0	3	1	14	5	189	196
2035	57	1	0	3	2	0	3	1	13	4	194	201
2036	52	1	0	3	1	0	3	1	12	4	197	206
2037	46	1	0	3	1	0	3	1	11	3	201	211
2038	41	1	0	2	1	0	3	1	11	3	204	217
2039	36	1	0	2	1	0	3	1	10	3	207	222
2040	31	1	0	2	1	0	3	1	9	2	209	228
2041	26	1	0	2	1	0	3	(2)	9	2	211	233
2042	24	1	0	1	1	0	3	(2)	8	2	213	239
2043	21	0	0	1	1	0	3	(2)	8	2	214	245
2044	18	0	0	1	0	0	3	(2)	7	1	216	251
2045	15	0	0	1	0	0	3	(2)	7	1	217	258
2046	12	0	0	1	0	0	3	(2)	7	1	218	264
2047	9	0	0	1	0	0	3	(2)	6	1	219	271
2048	6	0	0	0	0	0	3	(2)	6	1	220	277
2049	3	0	0	0	0	0	3	(2)	5	1	220	284

IN SERVICE COST (\$000)	139
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

SOURCE	WEIGHT	COST
DEBT	41%	5.50 %
P/S	0%	0.00 %
C/S	59%	10.00 %

K-FACTOR = CPWFC / IN-SVC COST = 1.34339

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)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2020	3.75%	5	5	5	5	4	4	0	7	0	0	0	0	(2)
2021	7.22%	10	15	5	9	4	9	2	7	0	0	0	2	0
2022	6.68%	9	24	5	14	4	13	2	7	0	0	0	2	2
2023	6.18%	8	33	5	19	4	18	2	7	0	0	0	2	4
2024	5.71%	8	40	5	23	4	22	1	7	0	0	0	1	5
2025	5.29%	7	48	5	28	4	26	1	7	0	0	0	1	6
2026	4.89%	7	54	5	32	4	31	1	7	0	0	0	1	7
2027	4.52%	6	61	5	37	4	35	1	7	0	0	0	1	8
2028	4.46%	6	67	5	42	4	39	1	7	0	0	0	1	8
2029	4.46%	6	73	5	46	4	44	1	7	0	0	0	1	9
2030	4.46%	6	79	5	51	4	48	1	7	0	0	0	1	10
2031	4.46%	6	85	5	56	4	53	1	7	0	0	0	1	10
2032	4.46%	6	91	5	60	4	57	1	7	0	0	0	1	11
2033	4.46%	6	97	5	65	4	61	1	7	0	0	0	1	12
2034	4.46%	6	103	5	69	4	66	1	7	0	0	0	1	12
2035	4.46%	6	109	5	74	4	70	1	7	0	0	0	1	13
2036	4.46%	6	115	5	79	4	74	1	7	0	0	0	1	14
2037	4.46%	6	122	5	83	4	79	1	7	0	0	0	1	14
2038	4.46%	6	128	5	88	4	83	1	7	0	0	0	1	15
2039	4.46%	6	134	5	93	4	88	1	7	0	0	0	1	16
2040	2.23%	3	137	5	97	4	92	(1)	7	0	0	0	(1)	15
2041	0.00%	0	137	5	102	4	96	(2)	7	0	0	0	(2)	14
2042	0.00%	0	137	5	106	4	101	(2)	7	0	0	0	(2)	12
2043	0.00%	0	137	5	111	4	105	(2)	7	0	0	0	(2)	10
2044	0.00%	0	137	5	116	4	110	(2)	7	0	0	0	(2)	8
2045	0.00%	0	137	5	120	4	114	(2)	7	0	0	0	(2)	7
2046	0.00%	0	137	5	125	4	118	(2)	7	0	0	0	(2)	5
2047	0.00%	0	137	5	130	4	123	(2)	7	0	0	0	(2)	3
2048	0.00%	0	137	5	134	4	127	(2)	7	0	0	0	(2)	2
2049	0.00%	0	137	5	139	4	131	(2)	7	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	7
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2020	3.75%	5	0	134	5	(2)	141	136	139
2021	7.22%	10	2	130	9	0	136	129	133
2022	6.68%	9	2	125	14	2	129	123	126
2023	6.14%	8	2	120	19	4	123	117	120
2024	5.71%	8	1	116	23	5	117	111	114
2025	5.29%	7	1	111	28	6	111	105	108
2026	4.89%	7	1	106	32	7	105	99	102
2027	4.52%	6	1	102	37	8	99	94	97
2028	4.46%	6	1	97	42	8	94	89	91
2029	4.46%	6	1	93	46	9	89	84	86
2030	4.46%	6	1	88	51	10	84	78	81
2031	4.46%	6	1	83	56	10	78	73	76
2032	4.46%	6	1	79	60	11	73	68	70
2033	4.46%	6	1	74	65	12	68	62	65
2034	4.46%	6	1	69	69	12	62	57	60
2035	4.46%	6	1	65	74	13	57	52	54
2036	4.46%	6	1	60	79	14	52	46	49
2037	4.46%	6	1	56	83	14	46	41	44
2038	4.46%	6	1	51	88	15	41	36	39
2039	4.46%	6	1	46	93	16	36	31	33
2040	2.23%	3	(1)	42	97	15	31	26	29
2041	0.00%	0	(2)	37	102	14	26	24	25
2042	0.00%	0	(2)	32	106	12	24	21	22
2043	0.00%	0	(2)	28	111	10	21	18	19
2044	0.00%	0	(2)	23	116	8	18	15	16
2045	0.00%	0	(2)	19	120	7	15	12	13
2046	0.00%	0	(2)	14	125	5	12	9	10
2047	0.00%	0	(2)	9	130	3	9	6	7
2048	0.00%	0	(2)	5	134	2	6	3	4
2049	0.00%	0	(2)	0	139	0	3	0	1

\* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2011	-9	0.00%	1.000	0.00%	0.00	0.00
2012	-8	3.00%	1.030	0.00%	0.00	0.00
2013	-7	3.00%	1.061	0.00%	0.00	0.00
2014	-6	3.00%	1.093	0.00%	0.00	0.00
2015	-5	3.00%	1.126	0.10%	0.92	0.46
2016	-4	3.00%	1.159	0.34%	3.33	2.59
2017	-3	3.00%	1.194	12.10%	120.98	64.74
2018	-2	3.00%	1.230	52.66%	542.48	396.47
2019	-1	3.00%	1.267	34.80%	369.25	852.33

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DEBT AFUDC (\$/KW)	(8b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c)* CUMULATIVE CPI (\$/KW)	(9d)* DEFERRED TAXES (\$/KW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2011	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-5	0.46	0.01	0.01	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
2016	-4	2.62	0.06	0.07	0.18	0.21	0.14	0.17	(0.01)	(0.01)	0.95	0.95
2017	-3	64.94	1.46	1.53	4.35	4.55	3.57	3.74	(0.03)	(0.04)	3.50	4.45
2018	-2	401.02	9.04	10.57	26.88	31.43	22.01	25.75	(0.81)	(0.85)	125.32	129.78
2019	-1	883.76	20.00	30.57	59.51	90.94	48.29	74.04	(5.01)	(5.86)	569.36	699.14
									(10.91)	(16.77)	428.76	1,127.89

30.57

90.94

74.04

(16.77)

1,127.89

IN SERVICE YEAR	2020
PLANT COSTS	\$37,581,030.3
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	128	128	128
EQUITY AFUDC	7		
DEBT AFUDC	4	4	
CPI			9
TOTAL	139	131	137

\* Columns not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C&Wb)	(5) AVOIDED MARGINAL FUEL COST (C&Wb)	(6)* INCREASED MARGINAL FUEL COST (C&Wb)	(7) REPLACEMENT FUEL COST (C&Wb)	(8) PROGRAM kW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2011	1	1	3.91	5.80	3.93	0.00	1.00	1.00
2012	1	1	3.93	5.72	3.93	0.00	1.00	1.00
2013	1	1	4.08	6.07	4.08	0.00	1.00	1.00
2014	1	1	4.18	5.94	4.18	0.00	1.00	1.00
2015	1	1	4.47	6.43	4.48	0.00	1.00	1.00
2016	1	1	4.95	7.58	4.96	0.00	1.00	1.00
2017	1	1	5.42	8.56	5.43	0.00	1.00	1.00
2018	1	1	7.40	11.44	7.42	0.00	1.00	1.00
2019	1	1	7.77	11.21	7.79	0.00	1.00	1.00
2020	1	1	8.31	12.47	8.32	7.58	1.00	1.00
2021	1	1	8.82	12.72	8.84	7.47	1.00	1.00
2022	1	1	9.18	13.25	9.20	7.56	1.00	1.00
2023	1	1	9.66	13.84	9.68	7.56	1.00	1.00
2024	1	1	10.56	15.40	10.58	8.02	1.00	1.00
2025	1	1	11.30	16.39	11.32	8.78	1.00	1.00
2026	1	1	11.65	16.80	11.67	9.27	1.00	1.00
2027	1	1	12.05	17.34	12.07	9.07	1.00	1.00
2028	1	1	12.45	17.94	12.47	9.32	1.00	1.00
2029	1	1	12.75	18.02	12.77	9.44	1.00	1.00
2030	1	1	13.21	18.66	13.23	9.51	1.00	1.00
2031	1	1	13.49	18.97	13.51	9.63	1.00	1.00
2032	1	1	13.68	19.07	13.70	9.82	1.00	1.00
2033	1	1	14.09	19.08	14.11	9.93	1.00	1.00
2034	1	1	14.43	19.44	14.45	10.05	1.00	1.00
2035	1	1	14.70	19.44	14.73	10.28	1.00	1.00
2036	1	1	14.98	19.44	14.98	10.53	1.00	1.00
2037	1	1	15.26	19.60	15.28	10.59	1.00	1.00
2038	1	1	15.56	19.44	15.58	10.74	1.00	1.00
2039	1	1	15.81	18.50	15.83	11.04	1.00	1.00
2040	1	1	16.11	19.07	16.13	11.11	1.00	1.00
2041	1	1	16.45	19.80	16.47	11.31	1.00	1.00
2042	1	1	16.77	19.80	16.77	11.48	1.00	1.00
2043	1	1	17.03	19.39	17.06	11.73	1.00	1.00
2044	1	1	17.38	19.73	17.40	11.81	1.00	1.00
2045	1	1	17.75	20.61	17.78	12.09	1.00	1.00
2046	1	1	18.04	19.95	18.06	12.31	1.00	1.00
2047	1	1	18.40	20.08	18.43	12.54	1.00	1.00
2048	1	1	18.77	20.57	18.79	12.73	1.00	1.00
2049	1	1	19.10	20.68	19.13	12.92	1.00	1.00
0	0	0	0.00	0.00	0.00	13.10	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.



1 AVOIDED GENERATING BENEFITS  
 2 PROGRAM METHOD SELECTED: REV\_REQ  
 3 PROGRAM NAME: ██████████

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
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	0	0	0	0	0	0
2020	24	15	1	30	41	29
2021	23	15	1	56	68	27
2022	22	16	1	58	67	30
2023	21	16	1	58	67	30
2024	21	16	1	63	72	29
2025	20	17	1	69	78	29
2026	19	17	1	71	77	32
2027	18	18	1	74	81	30
2028	18	18	1	76	83	30
2029	17	19	1	77	83	31
2030	16	19	1	80	86	31
2031	16	20	1	82	88	30
2032	15	20	1	84	90	30
2033	14	21	1	89	95	30
2034	13	21	1	91	98	29
2035	13	22	1	93	101	28
2036	12	22	1	95	102	29
2037	11	23	2	97	104	29
2038	11	23	2	99	107	28
2039	10	24	2	101	107	29
2040	9	24	2	102	109	29
2041	9	25	2	104	111	29
2042	8	26	2	106	113	29
2043	8	26	2	108	114	30
2044	7	27	2	110	116	30
2045	7	28	2	112	118	30
2046	6	28	2	113	120	30
2047	6	29	2	115	122	30
2048	6	30	2	117	124	31
2049	5	31	2	119	125	32
0	0	0	0	0	0	0
0	0	0	0	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	405	656	42	2,651	2,867	887
NPV	115	132	8	521	574	202

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS  
 2 PROGRAM METHOD SELECTED: REV\_REQ  
 3 PROGRAM NAME: ██████████

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(9a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2011	0	0	0	0	0	0	30	0
2012	0	0	0	0	0	0	36	0
2013	7	0	7	1	0	1	62	0
2014	7	0	7	1	0	1	60	0
2015	7	0	7	1	0	1	65	0
2016	7	0	7	1	0	1	78	0
2017	6	0	6	1	0	1	88	0
2018	6	0	6	1	0	1	117	0
2019	6	0	6	1	0	1	114	0
2020	6	0	6	1	0	1	127	0
2021	6	0	6	1	0	1	129	0
2022	5	0	5	1	0	1	135	0
2023	5	0	5	1	0	1	140	0
2024	5	0	5	1	0	1	157	0
2025	5	0	5	1	0	1	167	0
2026	5	0	5	1	0	1	171	0
2027	4	1	5	1	0	1	176	0
2028	4	1	5	1	0	1	182	0
2029	4	1	5	1	0	1	182	0
2030	4	1	5	1	0	1	189	0
2031	4	1	5	1	0	1	192	0
2032	3	1	4	1	0	1	176	0
2033	3	1	4	0	0	1	192	0
2034	3	1	4	0	0	1	192	0
2035	3	1	4	0	0	1	196	0
2036	3	1	4	0	0	1	195	0
2037	3	1	4	0	0	1	192	0
2038	3	1	4	0	0	1	196	0
2039	3	1	4	0	0	1	193	0
2040	2	1	3	0	0	1	182	0
2041	2	1	3	0	0	1	188	0
2042	2	1	3	0	0	1	196	0
2043	2	1	3	0	0	1	201	0
2044	2	1	3	0	0	0	190	0
2045	2	1	3	0	0	0	193	0
2046	2	1	3	0	0	0	203	0
2047	2	1	3	0	0	0	194	0
2048	2	1	3	0	0	0	195	0
2049	2	1	3	0	0	0	200	0
0	0	0	0	0	0	0	0	0
0	0	0	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.	147	22	168	22	12	34	6,100	0
NPV	61	6	67	10	3	13	1,645	0

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









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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	183.30 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	245.23084 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	1,710,210.36 KWh
(5) KWH LINE LOSS PERCENTAGE	6.73 %
(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	1.5852
(5) K FACTOR FOR T & D	1.44990

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	7.29 %
(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	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2011
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2014-2020
(4) BASE YEAR AVOIDED GENERATING COST	799.86 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST	0.00 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	100.77 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	0.00 \$/KW
(11) DISTRIBUTION FIXED O & M COST	0.00 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.056 CENTS\$/KWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	50% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	5.64 CENTS PER KWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.71 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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





1 CALCULATION OF GEN K-FACTOR  
 2 PROGRAM METHOD SELECTED KEY KEY  
 3 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) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2020	268	6	0	16	10	5	0	9	1	46	46	46	264
2021	259	6	0	15	6	5	0	9	4	45	42	87	271
2022	246	6	0	15	6	4	0	9	3	43	37	125	278
2023	234	5	0	14	6	4	0	9	3	41	33	158	285
2024	222	5	0	13	6	4	0	9	3	40	30	188	292
2025	211	5	0	12	6	4	0	9	2	38	27	215	299
2026	200	4	0	12	6	4	0	9	2	37	24	239	306
2027	189	4	0	11	6	4	0	9	1	35	22	261	314
2028	179	4	0	11	6	3	0	9	1	34	19	280	322
2029	169	4	0	10	5	3	0	9	1	33	17	298	330
2030	159	4	0	9	5	3	0	9	1	31	15	313	338
2031	149	3	0	9	5	3	0	9	1	30	14	327	347
2032	139	3	0	8	4	3	0	9	1	29	12	339	355
2033	129	3	0	8	4	3	0	9	1	27	11	350	364
2034	119	3	0	7	3	2	0	9	1	26	10	360	373
2035	109	2	0	6	3	2	0	9	1	25	9	368	383
2036	98	2	0	6	3	2	0	9	1	23	8	376	392
2037	88	2	0	5	2	2	0	9	1	22	7	382	402
2038	78	2	0	5	2	2	0	9	1	20	6	388	412
2039	68	2	0	4	2	2	0	9	1	19	5	393	422
2040	58	1	0	3	3	1	0	9	(1)	18	4	401	433
2041	50	1	0	3	5	1	0	9	(3)	17	4	405	444
2042	45	1	0	3	5	1	0	9	(3)	16	3	408	455
2043	39	1	0	2	5	1	0	9	(3)	15	3	410	466
2044	34	1	0	2	5	1	0	9	(3)	14	3	412	478
2045	28	1	0	2	5	1	0	9	(3)	13	2	414	490
2046	22	1	0	1	4	0	0	9	(3)	12	2	416	502
2047	17	0	0	1	4	0	0	9	(3)	12	2	418	515
2048	11	0	0	1	4	0	0	9	(3)	11	2	418	528
2049	6	0	0	0	4	0	0	9	(3)	10	1	419	541

IN SERVICE COST (\$000)	264
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	41%	5.30 %
P/S	0%	0.00 %
C/S	59%	10.00 %

K-FACTOR = CPWFEC / IN-SVC COST = 1.58562

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

PSC FORM CE 1.1A  
 PAGE 2a OF 2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2020	3.75%	10	10	9	9	8	8	1	14	0	0	0	1	(3)
2021	7.22%	19	29	9	18	8	17	4	14	0	0	0	4	1
2022	6.68%	17	46	9	26	8	25	3	14	0	0	0	3	4
2023	6.18%	16	62	9	35	8	33	3	14	0	0	0	3	7
2024	5.71%	15	77	9	44	8	42	3	14	0	0	0	3	10
2025	5.29%	14	91	9	53	8	50	2	14	0	0	0	2	12
2026	4.89%	13	103	9	62	8	58	2	14	0	0	0	2	13
2027	4.52%	12	114	9	70	8	67	1	14	0	0	0	1	15
2028	4.46%	12	127	9	79	8	75	1	14	0	0	0	1	16
2029	4.46%	12	138	9	88	8	83	1	14	0	0	0	1	17
2030	4.46%	12	150	9	97	8	92	1	14	0	0	0	1	19
2031	4.46%	12	162	9	106	8	100	1	14	0	0	0	1	20
2032	4.46%	12	173	9	115	8	108	1	14	0	0	0	1	21
2033	4.46%	12	185	9	123	8	117	1	14	0	0	0	1	22
2034	4.46%	12	196	9	132	8	125	1	14	0	0	0	1	24
2035	4.46%	12	208	9	141	8	133	1	14	0	0	0	1	25
2036	4.46%	12	220	9	150	8	142	1	14	0	0	0	1	26
2037	4.46%	12	231	9	159	8	150	1	14	0	0	0	1	27
2038	4.46%	12	243	9	167	8	158	1	14	0	0	0	1	29
2039	4.46%	12	254	9	176	8	167	1	14	0	0	0	1	30
2040	2.23%	6	260	9	185	8	175	(1)	14	0	0	0	(1)	29
2041	0.00%	0	260	9	194	8	183	(3)	14	0	0	0	(3)	26
2042	0.00%	0	260	9	203	8	192	(3)	14	0	0	0	(3)	23
2043	0.00%	0	260	9	211	8	200	(3)	14	0	0	0	(3)	19
2044	0.00%	0	260	9	220	8	208	(3)	14	0	0	0	(3)	16
2045	0.00%	0	260	9	229	8	217	(3)	14	0	0	0	(3)	13
2046	0.00%	0	260	9	238	8	225	(3)	14	0	0	0	(3)	10
2047	0.00%	0	260	9	247	8	233	(3)	14	0	0	0	(3)	6
2048	0.00%	0	260	9	255	8	242	(3)	14	0	0	0	(3)	3
2049	0.00%	0	260	9	264	8	250	(3)	14	0	0	0	(3)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(6)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	14
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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

PSC FORM CE 1.1A  
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(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF'TACKS \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2020	3.75%	10	1	235	9	(3)	268	259	264
2021	7.22%	19	4	247	18	1	259	246	252
2022	6.68%	17	3	238	26	4	246	234	240
2023	6.18%	16	3	229	35	7	234	222	228
2024	5.71%	15	3	220	44	10	222	211	216
2025	5.29%	14	2	211	53	12	211	200	205
2026	4.89%	13	2	203	62	13	200	189	194
2027	4.52%	12	1	194	70	15	189	179	184
2028	4.46%	12	1	185	79	16	179	169	174
2029	4.46%	12	1	176	88	17	169	159	164
2030	4.46%	12	1	167	97	19	159	149	154
2031	4.46%	12	1	159	106	20	149	139	144
2032	4.46%	12	1	150	115	21	139	129	134
2033	4.46%	12	1	141	123	22	129	119	124
2034	4.46%	12	1	132	132	24	119	109	114
2035	4.46%	12	1	123	141	25	109	98	103
2036	4.46%	12	1	115	150	26	98	88	93
2037	4.46%	12	1	106	159	27	88	78	83
2038	4.46%	12	1	97	167	29	78	68	73
2039	4.46%	12	1	88	176	30	68	58	63
2040	2.23%	6	(1)	79	185	29	58	50	54
2041	0.00%	0	(3)	70	194	26	50	45	48
2042	0.00%	0	(3)	62	203	23	45	39	42
2043	0.00%	0	(3)	53	211	19	39	34	36
2044	0.00%	0	(3)	44	220	16	34	28	31
2045	0.00%	0	(3)	35	229	13	28	22	25
2046	0.00%	0	(3)	26	238	10	22	17	20
2047	0.00%	0	(3)	18	247	6	17	11	14
2048	0.00%	0	(3)	9	255	3	11	6	8
2049	0.00%	0	(3)	0	264	0	6	0	3

\* Column not specified in workbook

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PSC FORM CE 11B  
PAGE 1 OF 1

(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)
2011	-9	0.00%	1.000	0.00%	0.00	0.00
2012	-8	3.00%	1.030	0.00%	0.00	0.00
2013	-7	3.00%	1.061	0.00%	0.00	0.00
2014	-6	3.00%	1.093	0.00%	0.00	0.00
2015	-5	3.00%	1.126	0.10%	0.07	0.43
2016	-4	3.00%	1.159	0.33%	3.20	2.47
2017	-3	3.00%	1.194	12.48%	119.17	63.66
2018	-2	3.00%	1.230	52.89%	520.29	383.39
2019	-1	3.00%	1.267	34.19%	346.42	816.75

100.00% 989.96

YEAR	(8) NO. YEARS BEFORE IN-SERVICE	(9) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(10)* DEBT AFUDC (\$/KW)	(11)* CUMULATIVE DEBT AFUDC (\$/KW)	(12) YEARLY TOTAL AFUDC (\$/KW)	(13)* CUMULATIVE TOTAL AFUDC (\$/KW)	(14)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(15)* CUMULATIVE CFI (\$/KW)	(16)* DEFERRED TAXES (\$/KW)	(17)* CUMULATIVE DEFERRED TAXES (\$/KW)	(18) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(19) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2011	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-5	0.43	0.01	0.01	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
2016	-4	2.50	0.06	0.07	0.17	0.20	0.02	0.02	(0.01)	(0.01)	0.90	0.90
2017	-3	63.86	1.44	1.50	4.27	4.47	3.51	3.67	(0.80)	(0.84)	3.37	4.27
2018	-2	387.86	8.34	10.24	26.00	30.47	21.29	24.96	(4.84)	(5.68)	123.44	127.72
2019	-1	842.22	19.18	29.42	57.05	87.52	46.29	71.25	(10.46)	(16.14)	546.29	674.01

29%2

87.52

71.25

06.14

1,077.48

IN SERVICE YEAR	2020
PLANT COSTS	799,258,777.8
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF-TAX	TAX BASIS
CONSTRUCTION CASH	243	243	243
EQUITY AFUDC	14		
DEBT AFUDC	7	7	
CFI			17
TOTAL	264	250	260

\* Column not specified in workbook

1 INPUT DATA -- PART 2  
 2 PROGRAM METHOD SELECTED: REV REQ  
 3 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 LW EFFECTIVENESS FACTOR	(9) PROGRAM KWH EFFECTIVENESS FACTOR
2011	1	1	3.91	3.91	5.93	0.00	1.00	1.00
2012	1	1	3.93	3.93	6.10	0.00	1.00	1.00
2013	1	1	4.08	4.08	6.43	0.00	1.00	1.00
2014	1	1	4.18	4.18	6.20	0.00	1.00	1.00
2015	1	1	4.47	4.47	6.67	0.00	1.00	1.00
2016	1	1	4.95	4.95	7.99	0.00	1.00	1.00
2017	1	1	5.42	5.42	9.08	0.00	1.00	1.00
2018	1	1	7.40	7.40	12.09	0.00	1.00	1.00
2019	1	1	7.77	7.77	11.52	0.00	1.00	1.00
2020	1	1	8.31	8.31	13.11	7.58	1.00	1.00
2021	1	1	8.82	8.82	13.07	7.47	1.00	1.00
2022	1	1	9.18	9.18	13.47	7.56	1.00	1.00
2023	1	1	9.66	9.66	14.05	8.02	1.00	1.00
2024	1	1	10.56	10.56	15.59	8.78	1.00	1.00
2025	1	1	11.30	11.30	16.57	9.27	1.00	1.00
2026	1	1	11.65	11.65	17.10	9.07	1.00	1.00
2027	1	1	12.05	12.05	17.56	9.32	1.00	1.00
2028	1	1	12.45	12.45	18.26	9.44	1.00	1.00
2029	1	1	12.75	12.75	18.49	9.51	1.00	1.00
2030	1	1	13.21	13.21	19.18	9.63	1.00	1.00
2031	1	1	13.49	13.49	19.64	9.82	1.00	1.00
2032	1	1	13.68	13.68	18.73	9.93	1.00	1.00
2033	1	1	14.09	14.09	20.08	10.05	1.00	1.00
2034	1	1	14.43	14.43	20.32	10.28	1.00	1.00
2035	1	1	14.70	14.70	20.52	10.55	1.00	1.00
2036	1	1	14.98	14.98	21.01	10.59	1.00	1.00
2037	1	1	15.26	15.26	21.34	10.74	1.00	1.00
2038	1	1	15.56	15.56	21.00	11.04	1.00	1.00
2039	1	1	15.81	15.81	20.13	11.11	1.00	1.00
2040	1	1	16.11	16.11	20.97	11.31	1.00	1.00
2041	1	1	16.45	16.45	21.55	11.48	1.00	1.00
2042	1	1	16.77	16.77	21.80	11.73	1.00	1.00
2043	1	1	17.03	17.03	20.45	11.81	1.00	1.00
2044	1	1	17.38	17.38	20.97	12.09	1.00	1.00
2045	1	1	17.75	17.75	22.25	12.31	1.00	1.00
2046	1	1	18.04	18.04	20.59	12.54	1.00	1.00
2047	1	1	18.40	18.40	20.71	12.73	1.00	1.00
2048	1	1	18.77	18.77	21.31	12.92	1.00	1.00
2049	1	1	19.10	19.10	21.06	13.10	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.

1 AVOIDED GENERATING BENEFITS  
 2 PROGRAM METHOD SELECTED: REV REQ  
 3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
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	0	0	0	0	0	0
2020	46	31	1	61	82	57
2021	45	32	1	111	135	53
2022	43	32	1	116	134	59
2023	41	33	1	116	133	60
2024	40	34	1	125	143	57
2025	38	35	1	138	155	57
2026	37	36	1	142	154	62
2027	35	37	1	147	160	60
2028	34	38	1	151	165	60
2029	33	39	2	154	166	61
2030	31	40	2	160	172	60
2031	30	40	2	163	175	60
2032	29	42	2	168	180	60
2033	27	43	2	177	189	59
2034	26	44	2	182	196	57
2035	25	45	2	185	201	55
2036	23	46	2	190	203	58
2037	22	47	2	194	207	58
2038	20	48	2	197	212	55
2039	19	49	2	200	213	58
2040	18	51	2	204	217	57
2041	17	52	2	208	220	58
2042	16	53	2	211	225	57
2043	15	54	2	215	227	60
2044	14	56	2	218	232	59
2045	13	57	2	222	236	60
2046	12	59	3	226	240	60
2047	12	60	3	230	243	61
2048	11	62	3	234	247	62
2049	10	63	3	237	250	64
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	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	781	1,355	57	5,280	5,709	1,763
NPV	222	274	11	1,037	1,144	400



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1 AVOIDED GENERATING EMISSION IMPACT  
 2 PROGRAM METHOD SELECTED: REV\_RBQ  
 3 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)
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	23	0	23
2019	0	0	25	0	25
2020	13	17	27	0	23
2021	24	31	29	0	22
2022	25	33	32	0	24
2023	25	33	34	0	26
2024	27	35	37	0	29
2025	30	39	40	0	31
2026	33	43	43	0	33
2027	36	47	46	0	36
2028	39	51	50	0	38
2029	42	55	54	0	41
2030	46	60	58	0	44
2031	50	65	62	0	47
2032	54	71	67	0	50
2033	61	79	72	0	53
2034	66	86	77	0	57
2035	71	92	83	0	62
2036	77	100	89	0	66
2037	83	108	96	0	71
2038	89	116	103	0	76
2039	95	124	111	0	82
2040	103	134	119	0	88
2041	110	144	128	0	95
2042	119	155	138	0	102
2043	127	166	148	0	109
2044	137	178	159	0	118
2045	147	192	171	0	126
2046	158	206	184	0	136
2047	169	222	199	0	146
2048	182	238	214	0	157
2049	195	256	230	0	169
	0	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	2,432	3,176	2,948	0	2,205
NPV	372	486	486	0	372





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

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER O&M COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	49	0	38	0	87	600	0	0	600	(514)	(514)
2012	102	0	0	0	102	0	0	0	0	102	(419)
2013	95	0	0	0	95	0	0	0	0	95	(336)
2014	96	0	0	0	96	0	0	0	0	96	(259)
2015	99	0	0	0	99	0	0	0	0	99	(184)
2016	102	0	0	0	102	0	0	0	0	102	(113)
2017	113	0	0	0	113	0	0	0	0	113	(89)
2018	136	0	38	0	174	714	0	0	714	(540)	(669)
2019	144	0	0	0	144	0	0	0	0	144	(247)
2020	151	0	0	0	151	0	0	0	0	151	(207)
2021	160	0	0	0	160	0	0	0	0	160	(128)
2022	165	0	0	0	165	0	0	0	0	165	(82)
2023	169	0	0	0	169	0	0	0	0	169	18
2024	176	0	38	0	214	848	0	0	848	(634)	86
2025	180	0	0	0	180	0	0	0	0	180	(151)
2026	186	0	0	0	186	0	0	0	0	186	(88)
2027	190	0	0	0	190	0	0	0	0	190	(28)
2028	194	0	0	0	194	0	0	0	0	194	29
2029	201	0	0	0	201	0	0	0	0	201	84
2030	207	0	0	0	207	0	0	0	0	207	137
2031	216	0	38	0	254	1,008	0	0	1,008	(754)	187
2032	223	0	0	0	223	0	0	0	0	223	15
2033	243	0	0	0	243	0	0	0	0	243	65
2034	249	0	0	0	249	0	0	0	0	249	113
2035	266	0	0	0	266	0	0	0	0	266	159
2036	275	0	0	0	275	0	0	0	0	275	205
2037	282	0	0	0	282	0	0	0	0	282	249
2038	292	0	38	0	330	1,199	0	0	1,199	(869)	291
2039	300	0	0	0	300	0	0	0	0	300	170
2040	310	0	0	0	310	0	0	0	0	310	209
2041	323	0	0	0	323	0	0	0	0	323	246
2042	336	0	0	0	336	0	0	0	0	336	283
2043	351	0	0	0	351	0	0	0	0	351	318
2044	365	0	0	0	365	0	0	0	0	365	352
2045	381	0	38	0	419	1,425	0	0	1,425	(1,006)	386
2046	397	0	0	0	397	0	0	0	0	397	300
2047	414	0	0	0	414	0	0	0	0	414	332
2048	432	0	0	0	432	0	0	0	0	432	362
2049	0	0	0	0	0	0	0	0	0	0	392
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
2101	0	0	0	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0	0	0	0
2113	0	0	0	0	0	0	0	0	0	0	0
2114	0	0	0	0	0	0	0	0	0	0	0
2115	0	0	0	0	0	0	0	0	0	0	0
2116	0	0	0	0	0	0	0	0	0	0	0
2117	0	0	0	0	0	0	0	0	0	0	0
2118	0	0	0	0	0	0	0	0	0	0	0
2119	0	0	0	0	0	0	0	0	0	0	0
2120	0	0	0	0	0	0	0	0	0	0	0
2121	0	0	0	0	0	0	0	0	0	0	0
2122	0	0	0	0	0	0	0	0	0	0	0
2123	0	0	0	0	0	0	0	0	0	0	0
2124	0	0	0	0	0	0	0	0	0	0	0
2125	0	0	0	0	0	0	0	0	0	0	0
2126	0	0	0	0	0	0	0	0	0	0	0
2127	0	0	0	0	0	0	0	0	0	0	0
2128	0	0	0	0	0	0	0	0	0	0	0
2129	0	0	0	0	0	0	0	0	0	0	0
2130	0	0	0	0	0	0	0	0	0	0	0
2131	0	0	0	0	0	0	0	0	0	0	0
2132	0	0	0	0	0	0	0	0	0	0	0
2133	0	0	0	0	0	0	0	0	0	0	0
2134	0	0	0	0	0	0	0	0	0	0	0
2135	0	0	0	0	0	0	0	0	0	0	0
2136	0	0	0	0	0	0	0	0	0	0	0
2137	0	0	0	0	0	0	0	0	0	0	0
2138	0	0	0	0	0	0	0	0	0	0	0
2139	0	0	0	0	0	0	0	0	0	0	0
2140	0	0	0	0	0	0	0	0	0	0	0
2141	0	0	0	0	0	0	0	0	0	0	0
2142	0	0	0	0	0	0	0	0	0	0	0
2143	0	0	0	0	0	0	0	0	0	0	0
2144	0	0	0	0	0	0	0	0	0	0	0
2145	0	0	0	0	0	0	0	0	0	0	0
2146	0	0	0	0	0	0	0	0	0	0	0
2147	0	0	0	0	0	0	0	0	0	0	0
2148	0	0	0	0	0	0	0	0	0	0	0
2149	0	0	0	0	0	0	0	0	0	0	0
2150	0	0	0	0	0	0	0	0	0	0	0
2151	0	0	0	0	0	0	0	0	0	0	0
2152	0	0	0	0	0	0	0	0	0	0	0
2153	0	0	0	0	0	0	0	0	0	0	0
2154	0	0	0	0	0	0	0	0	0	0	0
2155	0	0	0	0	0						



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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	59.25 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	79.14 KW
(3) KW LINE LOSS PERCENTAGE	1.66 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER	644,968.26 KVA
(5) KVA LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 KWH

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.70738
(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	2.89 %
(11) UTILITY AFUDC RATE	2.48 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2009
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2012-2019
(4) BASE YEAR AVOIDED GENERATING COST	725.39 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST	0.00 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	97.66 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	0.00 \$/KW
(11) DISTRIBUTION FIXED O & M COST	0.00 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.106 CENTS\$/KW
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	0% ** (in-service years)
(16) AVOIDED GENERATING UNIT FUEL COST	1.23 CENTS PER KWH** (in-service years)
(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/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

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



1 CALCULATION OF GEN K-FACTOR  
 2 PROGRAM/METHOD SELECTED REV REQ  
 3 PROGRAM NAME: [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) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	86	3	0	6	4	1	1	3	0	18	18	18	84
2020	83	3	0	6	3	1	1	3	1	18	16	34	86
2021	79	2	0	5	3	1	1	3	1	17	14	48	89
2022	74	2	0	5	3	1	1	3	1	16	12	61	91
2023	70	2	0	5	3	1	1	3	1	15	11	72	93
2024	66	2	0	5	3	1	1	3	0	15	10	82	95
2025	62	2	0	4	3	1	1	3	0	14	9	90	98
2026	59	2	0	4	3	1	1	3	0	14	8	98	100
2027	55	2	0	4	2	1	1	3	0	13	7	104	103
2028	51	2	0	4	2	1	1	3	0	13	6	110	105
2029	48	1	0	3	2	1	1	3	0	12	5	115	108
2030	44	1	0	3	2	1	1	3	0	11	4	120	111
2031	40	1	0	3	2	1	1	3	0	11	4	124	113
2032	37	1	0	3	2	1	1	3	0	10	3	127	116
2033	33	1	0	2	1	1	1	3	0	10	3	130	119
2034	30	1	0	2	1	1	1	3	0	9	3	132	122
2035	26	1	0	2	1	0	1	3	0	9	2	135	125
2036	22	1	0	2	1	0	1	3	0	8	2	137	128
2037	19	1	0	1	1	0	1	3	0	7	2	138	131
2038	15	0	0	1	1	0	1	3	0	7	1	140	135
2039	12	0	0	1	1	0	1	3	(0)	6	1	141	138
2040	9	0	0	1	2	0	1	3	(1)	6	1	142	142
2041	7	0	0	0	2	0	1	3	(1)	6	1	143	145
2042	4	0	0	0	2	0	1	3	(1)	5	1	143	149
2043	2	0	0	0	1	0	1	3	(1)	5	1	144	152

IN SERVICE COST (\$000)	34
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	8.9%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

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

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

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPR. \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR. FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR. RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	3	3	3	3	3	3	0	\$	0	0	0	0	(2)
2020	7.22%	6	9	3	7	3	6	1	\$	0	0	0	1	(1)
2021	6.68%	5	14	3	10	3	9	1	\$	0	0	0	1	(0)
2022	6.18%	5	20	3	13	3	12	1	\$	0	0	0	1	1
2023	5.71%	5	24	3	17	3	15	1	\$	0	0	0	1	2
2024	5.29%	4	29	3	20	3	18	0	\$	0	0	0	0	2
2025	4.89%	4	33	3	24	3	21	0	\$	0	0	0	0	2
2026	4.52%	4	36	3	27	3	24	0	\$	0	0	0	0	3
2027	4.46%	4	40	3	30	3	28	0	\$	0	0	0	0	3
2028	4.46%	4	44	3	34	3	31	0	\$	0	0	0	0	3
2029	4.46%	4	47	3	37	3	34	0	\$	0	0	0	0	3
2030	4.46%	4	51	3	40	3	37	0	\$	0	0	0	0	3
2031	4.46%	4	55	3	44	3	40	0	\$	0	0	0	0	3
2032	4.46%	4	58	3	47	3	43	0	\$	0	0	0	0	4
2033	4.46%	4	62	3	51	3	46	0	\$	0	0	0	0	4
2034	4.46%	4	65	3	54	3	49	0	\$	0	0	0	0	4
2035	4.46%	4	69	3	57	3	52	0	\$	0	0	0	0	4
2036	4.46%	4	73	3	61	3	55	0	\$	0	0	0	0	4
2037	4.46%	4	76	3	64	3	58	0	\$	0	0	0	0	5
2038	4.46%	4	80	3	67	3	61	0	\$	0	0	0	0	5
2039	2.23%	2	82	3	71	3	64	(0)	\$	0	0	0	(0)	5
2040	0.00%	0	82	3	74	3	67	(1)	\$	0	0	0	(1)	4
2041	0.00%	0	82	3	78	3	70	(2)	\$	0	0	0	(1)	2
2042	0.00%	0	82	3	81	3	73	(3)	\$	0	0	0	(1)	1
2043	0.00%	0	82	3	84	3	76	(4)	\$	0	0	0	(1)	0

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

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

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2019	3.75%	3	0	81	3	(2)	86	83	85
2020	7.22%	6	1	78	7	(1)	83	79	81
2021	6.68%	5	1	74	10	(0)	79	74	76
2022	6.18%	5	1	71	13	1	74	70	72
2023	5.71%	5	1	67	17	1	70	66	68
2024	5.29%	4	0	64	20	2	66	62	64
2025	4.89%	4	0	61	24	2	62	59	60
2026	4.52%	4	0	57	27	2	59	55	57
2027	4.46%	4	0	54	30	3	55	51	53
2028	4.46%	4	0	51	34	3	51	48	49
2029	4.46%	4	0	47	37	3	48	44	46
2030	4.46%	4	0	44	40	3	44	40	42
2031	4.46%	4	0	40	44	4	40	37	39
2032	4.46%	4	0	37	47	4	37	33	35
2033	4.46%	4	0	34	51	4	33	30	31
2034	4.46%	4	0	30	54	4	30	26	28
2035	4.46%	4	0	27	57	4	26	22	24
2036	4.46%	4	0	24	61	5	22	19	21
2037	4.46%	4	0	20	64	5	19	15	17
2038	4.46%	4	0	17	67	5	15	12	13
2039	2.23%	2	(0)	13	71	5	12	9	10
2040	0.00%	0	(1)	10	74	4	9	7	8
2041	0.00%	0	(1)	7	78	2	7	4	5
2042	0.00%	0	(1)	3	81	1	4	2	3
2043	0.00%	0	(1)	0	84	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)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	3.00%	1.030	0.00%	0.00	0.00
2011	-8	3.00%	1.061	0.00%	0.00	0.00
2012	-7	3.00%	1.093	0.00%	0.00	0.00
2013	-6	3.00%	1.126	0.15%	1.24	0.62
2014	-5	3.00%	1.159	1.90%	15.99	9.24
2015	-4	3.00%	1.194	4.57%	39.61	37.03
2016	-3	3.00%	1.230	37.10%	331.87	222.77
2017	-2	3.00%	1.267	45.74%	420.27	598.84
2018	-1	3.00%	1.305	10.44%	98.79	858.38

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(4)* DEBT AFUDC (\$/KW)	100.00%		(6)* CUMULATIVE TOTAL AFUDC (\$/KW)	(7)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(8)* CUMULATIVE CFI (\$/KW)	(9)* DEFERRED TAXES (\$/KW)	(10)* CUMULATIVE DEFERRED TAXES (\$/KW)	(11) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(12) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
				(5)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) 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
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-5	9.29	0.29	0.30	0.79	0.04	0.04	(0.01)	(0.01)	1.29	1.29	1.29
2015	-4	37.87	1.18	1.49	3.22	4.06	3.35	(0.14)	(0.15)	16.78	18.07	18.07
2016	-3	228.84	7.07	8.56	19.29	23.36	19.25	(3.41)	(4.13)	42.83	60.90	60.90
2017	-2	622.20	19.46	28.01	53.10	76.45	62.72	(9.26)	(13.39)	351.16	412.06	412.06
2018	-1	994.83	29.46	57.47	80.39	156.84	127.50	(13.63)	(27.02)	473.37	885.43	1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,389,805.5
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	72	72	72		
EQUITY AFUDC	8				
DEBT AFUDC	5	5			
CFI			10		
TOTAL	84	76	82		

\* Column not specified in workbook

















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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	312.76 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	418.43097 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	1,358,776.86 kWh
(5) kWh LINE LOSS PERCENTAGE	6.73 %
(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	1.58562
(5) K FACTOR FOR T & D	1.55564

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	7.29 %
(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	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2021
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2021
(4) BASE YEAR AVOIDED GENERATING COST	\$23.85 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	17.62 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.79 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	0.51 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	5.44 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.58 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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



1 CALCULATION OF GEN K-FACTOR  
 2 PROGRAM METHOD SELECTED REV\_REQ  
 3 PROGRAM NAME: ██████████

YEAR	(2) BEG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2021	471	11	0	28	17	8	0	15	1	81	81	81	464
2022	455	10	0	27	10	8	0	15	7	78	73	154	476
2023	432	10	0	26	10	8	0	15	6	75	66	219	488
2024	411	9	0	24	11	8	0	15	5	73	59	278	500
2025	390	9	0	23	11	7	0	15	4	70	53	331	513
2026	370	8	0	22	11	7	0	15	4	67	47	378	525
2027	351	8	0	21	11	7	0	15	3	65	42	420	539
2028	332	7	0	20	11	6	0	15	2	62	38	458	552
2029	315	7	0	19	10	6	0	15	2	60	34	493	566
2030	297	7	0	18	9	6	0	15	2	57	30	523	580
2031	279	6	0	17	9	6	0	15	2	55	27	550	594
2032	262	6	0	15	8	5	0	15	2	53	24	574	609
2033	244	5	0	14	7	5	0	15	2	50	22	596	625
2034	226	5	0	13	7	5	0	15	2	48	19	615	640
2035	208	5	0	12	6	4	0	15	2	45	17	632	656
2036	191	4	0	11	5	4	0	15	2	43	15	647	673
2037	173	4	0	10	5	4	0	15	2	41	13	660	689
2038	155	3	0	9	4	4	0	15	2	38	12	672	707
2039	138	3	0	8	3	3	0	15	2	36	10	682	724
2040	120	3	0	7	3	3	0	15	2	34	9	691	742
2041	102	2	0	6	6	3	0	15	(2)	31	8	698	761
2042	88	2	0	5	9	2	0	15	(6)	29	7	705	780
2043	79	2	0	5	9	2	0	15	(6)	28	6	711	799
2044	69	2	0	4	9	2	0	15	(6)	26	5	716	819
2045	59	1	0	3	8	1	0	15	(6)	25	5	721	840
2046	49	1	0	3	8	1	0	15	(6)	23	4	725	861
2047	39	1	0	2	8	1	0	15	(6)	22	4	728	882
2048	29	1	0	2	7	1	0	15	(6)	21	3	731	905
2049	20	0	0	1	7	0	0	15	(6)	19	3	734	927
2050	10	0	0	1	7	0	0	15	(6)	18	2	736	950

IN SERVICE COST (\$000)	464
IN SERVICE YEAR	2021
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.03%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	41%	5.50%
P/S	0%	0.00%
C/S	59%	10.00%

K-FACTOR = CPWFC / IN-SVC COST = 1.58562

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)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2021	3.75%	17	17	15	15	15	15	1	25	0	0	0	1	(6)
2022	7.22%	33	50	15	31	15	29	7	25	0	0	0	7	1
2023	6.68%	31	81	15	46	15	44	6	25	0	0	0	6	7
2024	6.18%	28	109	15	62	15	59	5	25	0	0	0	5	12
2025	5.71%	26	135	15	77	15	73	4	25	0	0	0	4	17
2026	5.29%	24	159	15	93	15	88	4	25	0	0	0	4	21
2027	4.89%	22	182	15	108	15	103	3	25	0	0	0	3	24
2028	4.52%	21	202	15	124	15	117	2	25	0	0	0	2	26
2029	4.46%	20	223	15	139	15	132	2	25	0	0	0	2	28
2030	4.46%	20	243	15	155	15	146	2	25	0	0	0	2	30
2031	4.46%	20	264	15	170	15	161	2	25	0	0	0	2	33
2032	4.46%	20	284	15	186	15	176	2	25	0	0	0	2	35
2033	4.46%	20	304	15	201	15	190	2	25	0	0	0	2	37
2034	4.46%	20	325	15	217	15	205	2	25	0	0	0	2	39
2035	4.46%	20	345	15	232	15	220	2	25	0	0	0	2	41
2036	4.46%	20	366	15	248	15	234	2	25	0	0	0	2	44
2037	4.46%	20	386	15	263	15	249	2	25	0	0	0	2	46
2038	4.46%	20	406	15	279	15	264	2	25	0	0	0	2	48
2039	4.46%	20	427	15	294	15	278	2	25	0	0	0	2	50
2040	4.46%	20	447	15	310	15	293	2	25	0	0	0	2	53
2041	2.23%	10	457	15	325	15	308	(2)	25	0	0	0	(2)	51
2042	0.00%	0	457	15	341	15	322	(6)	25	0	0	0	(6)	45
2043	0.00%	0	457	15	356	15	337	(6)	25	0	0	0	(6)	40
2044	0.00%	0	457	15	372	15	351	(6)	25	0	0	0	(6)	34
2045	0.00%	0	457	15	387	15	366	(6)	25	0	0	0	(6)	28
2046	0.00%	0	457	15	402	15	381	(6)	25	0	0	0	(6)	23
2047	0.00%	0	457	15	418	15	395	(6)	25	0	0	0	(6)	17
2048	0.00%	0	457	15	433	15	410	(6)	25	0	0	0	(6)	11
2049	0.00%	0	457	15	449	15	425	(6)	25	0	0	0	(6)	6
2050	0.00%	0	457	15	464	15	439	(6)	25	0	0	0	(6)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2050
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(7)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	25
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2021	3.75%	17	1	449	15	(6)	471	455	463
2022	7.22%	33	7	433	31	1	455	432	444
2023	6.68%	31	6	418	46	7	432	411	422
2024	6.18%	28	5	402	62	12	411	390	400
2025	5.71%	26	4	387	77	17	390	370	380
2026	5.29%	24	4	372	93	21	370	351	360
2027	4.89%	22	3	356	108	24	351	332	342
2028	4.52%	21	2	341	124	26	332	315	324
2029	4.46%	20	2	325	139	28	315	297	306
2030	4.46%	20	2	310	155	30	297	279	288
2031	4.46%	20	2	294	170	33	279	262	270
2032	4.46%	20	2	279	186	35	262	244	253
2033	4.46%	20	2	263	201	37	244	226	235
2034	4.46%	20	2	248	217	39	226	208	217
2035	4.46%	20	2	232	232	41	208	191	182
2036	4.46%	20	2	217	248	44	191	173	164
2037	4.46%	20	2	201	263	46	173	155	146
2038	4.46%	20	2	186	279	48	155	138	129
2039	4.46%	20	2	170	294	50	138	120	111
2040	4.46%	20	2	155	310	53	120	102	95
2041	2.23%	10	(2)	139	325	51	102	88	84
2042	0.00%	0	(6)	124	341	45	88	79	74
2043	0.00%	0	(6)	108	356	40	79	69	64
2044	0.00%	0	(6)	93	372	34	69	59	54
2045	0.00%	0	(6)	77	387	28	59	49	44
2046	0.00%	0	(6)	62	402	23	49	39	34
2047	0.00%	0	(6)	46	418	17	39	29	25
2048	0.00%	0	(6)	31	433	11	29	20	15
2049	0.00%	0	(6)	15	449	6	20	10	5
2050	0.00%	0	(6)	0	464	0	10	0	

\* Column not specified in workbook.

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (\$)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2012	-9	0.00%	1.000	0.00%	0.00	0.00
2013	-8	3.00%	1.030	0.00%	0.00	0.00
2014	-7	3.00%	1.061	0.00%	0.00	0.00
2015	-6	3.00%	1.093	0.00%	0.00	0.00
2016	-5	3.00%	1.126	0.10%	0.90	0.45
2017	-4	3.00%	1.159	0.35%	3.30	2.55
2018	-3	3.00%	1.194	12.48%	122.75	65.57
2019	-2	3.00%	1.230	52.89%	535.90	394.89
2020	-1	3.00%	1.267	34.19%	356.82	841.25

100.00% 1,019.66

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DEBT AFUDC (\$/KW)	(8b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c)* CUMULATIVE CPI (\$/KW)	(9d)* DEFERRED TAXES (\$/KW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) YEAR-END BOOK VALUE (\$/KW)	(11) YEAR-END BOOK VALUE (\$/KW)
2012	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	-5	0.45	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.93	0.93
2017	-4	2.55	0.06	0.07	0.17	0.20	0.14	0.17	(0.03)	(0.04)	3.47	4.40
2018	-3	65.77	1.48	1.55	4.40	4.60	3.62	3.78	(0.82)	(0.86)	127.15	131.55
2019	-2	399.50	9.00	10.55	26.78	31.38	21.93	25.71	(4.99)	(5.85)	562.68	694.23
2020	-1	872.64	19.75	30.30	58.76	90.14	47.68	73.39	(10.77)	(16.62)	415.58	1,109.81

30.30

90.14

73.39

(16.62)

1,109.81

IN SERVICE YEAR	2021
PLANT COSTS	\$23,854,541.1
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	427	427	427
EQUITY AFUDC	25		
DEBT AFUDC	13	13	
CPI			31
TOTAL	465	440	458

\* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (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
2012	1	1	3.19	5.40	3.19	0.00	1.00	1.00
2013	1	1	3.49	5.14	3.49	0.00	1.00	1.00
2014	1	1	3.67	5.54	3.67	0.00	1.00	1.00
2015	1	1	3.92	5.53	3.92	0.00	1.00	1.00
2016	1	1	4.33	6.05	4.33	0.00	1.00	1.00
2017	1	1	4.69	7.13	4.69	0.00	1.00	1.00
2018	1	1	5.03	7.96	5.03	0.00	1.00	1.00
2019	1	1	5.20	7.59	5.20	0.00	1.00	1.00
2020	1	1	5.59	8.49	5.59	0.00	1.00	1.00
2021	1	1	6.14	9.70	6.14	6.83	1.00	1.00
2022	1	1	6.48	10.12	6.48	6.80	1.00	1.00
2023	1	1	6.71	10.07	6.71	7.14	1.00	1.00
2024	1	1	7.25	11.38	7.25	7.73	1.00	1.00
2025	1	1	7.60	11.55	7.60	8.12	1.00	1.00
2026	1	1	7.72	11.51	7.72	8.11	1.00	1.00
2027	1	1	7.89	11.59	7.89	8.22	1.00	1.00
2028	1	1	7.97	11.75	7.97	8.25	1.00	1.00
2029	1	1	8.04	11.89	8.04	8.30	1.00	1.00
2030	1	1	8.17	12.14	8.17	8.46	1.00	1.00
2031	1	1	8.20	12.31	8.20	8.55	1.00	1.00
2032	1	1	8.20	11.53	8.20	8.56	1.00	1.00
2033	1	1	8.36	12.47	8.36	8.76	1.00	1.00
2034	1	1	8.45	12.49	8.45	8.87	1.00	1.00
2035	1	1	8.51	11.70	8.51	8.95	1.00	1.00
2036	1	1	8.69	12.82	8.69	9.10	1.00	1.00
2037	1	1	8.68	11.59	8.68	9.14	1.00	1.00
2038	1	1	8.77	11.78	8.77	9.29	1.00	1.00
2039	1	1	8.91	12.40	8.91	9.40	1.00	1.00
2040	1	1	8.96	11.78	8.96	9.55	1.00	1.00
2041	1	1	9.09	12.41	9.09	9.76	1.00	1.00
2042	1	1	9.22	12.46	9.22	10.00	1.00	1.00
2043	1	1	9.33	12.29	9.33	10.12	1.00	1.00
2044	1	1	9.45	12.66	9.45	10.27	1.00	1.00
2045	1	1	9.56	12.67	9.56	10.47	1.00	1.00
2046	1	1	9.70	12.89	9.70	10.66	1.00	1.00
2047	1	1	9.81	12.64	9.81	10.82	1.00	1.00
2048	1	1	9.98	13.01	9.98	11.01	1.00	1.00
2049	1	1	10.13	13.11	10.13	11.23	1.00	1.00
2050	1	1	10.27	12.94	10.27	11.39	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.

1 AVOIDED GENERATING BENEFITS  
 2 PROGRAM METHOD SELECTED: REV\_REQ  
 3 PROGRAM NAME: ██████████

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
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	0	0	0	0	0	0
2020	0	0	0	0	0	0
2021	81	54	1	109	137	108
2022	78	56	2	198	228	107
2023	75	57	2	205	230	110
2024	73	58	2	217	247	104
2025	70	60	3	232	260	104
2026	67	61	3	238	262	108
2027	65	63	3	250	274	106
2028	62	64	3	255	276	108
2029	60	66	3	261	279	111
2030	57	68	3	266	286	109
2031	55	69	3	272	289	110
2032	53	71	3	278	292	113
2033	50	73	3	286	302	111
2034	48	75	3	292	307	111
2035	45	77	4	298	310	113
2036	43	79	4	305	317	113
2037	41	81	4	310	319	116
2038	38	83	4	316	324	116
2039	36	85	4	322	328	118
2040	34	87	4	327	333	118
2041	31	89	4	333	341	117
2042	29	91	4	340	349	115
2043	28	93	4	346	354	118
2044	26	96	4	352	359	119
2045	25	98	5	358	366	120
2046	23	101	5	365	373	121
2047	22	103	5	371	379	123
2048	21	106	5	378	385	124
2049	19	108	5	385	393	124
2050	18	111	5	392	398	127
0	0	0	0	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	1,373	2,381	108	8,856	9,297	3,420
NPV	391	481	21	1,774	1,907	760





1 AVOIDED GENERATING EMISSION IMPACT  
 2 PROGRAM METHOD SELECTED: REV\_REQ  
 3 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)
2012	0	0	0	0	0
2013	0	0	1	0	1
2014	0	0	1	0	1
2015	0	0	1	0	1
2016	0	0	0	0	0
2017	0	0	1	0	1
2018	0	0	1	0	1
2019	0	0	1	0	1
2020	0	0	1	0	1
2021	0	0	1	0	1
2022	0	0	1	0	1
2023	10	14	6	0	3
2024	12	16	8	0	4
2025	14	18	8	0	4
2026	16	20	9	0	4
2027	18	24	10	0	5
2028	21	27	12	0	5
2029	24	31	13	0	6
2030	27	36	15	0	7
2031	31	41	17	0	8
2032	35	46	19	0	8
2033	40	52	22	0	9
2034	45	59	24	0	10
2035	51	66	26	0	11
2036	57	74	29	0	12
2037	63	82	32	0	13
2038	70	91	36	0	15
2039	77	101	40	0	16
2040	85	111	44	0	18
2041	94	122	48	0	19
2042	103	134	53	0	21
2043	113	147	58	0	23
2044	124	161	63	0	25
2045	135	176	69	0	28
2046	147	192	75	0	30
2047	160	209	81	0	33
2048	174	227	88	0	36
2049	189	246	96	0	38
2050	205	267	104	0	42
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	2,141	2,791	1,110	0	460
NPV	284	370	154	0	68

1 TOTAL RESOURCE COST TEST  
 2 PROGRAM METHOD SELECTED: REV\_REQ  
 3 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)
2012	0	1	360	0	362	0	0	40	0	40	(322)	(322)
2013	0	0	0	0	0	0	13	74	1	88	88	(239)
2014	0	0	0	0	0	0	13	80	1	94	94	(157)
2015	0	0	0	0	0	0	12	80	1	93	93	(82)
2016	0	0	0	0	0	0	12	87	0	99	99	(7)
2017	0	2	408	0	409	0	12	104	1	116	(294)	(214)
2018	0	0	0	0	0	0	11	116	1	128	128	(130)
2019	0	0	0	0	0	0	11	110	1	121	121	(56)
2020	0	0	0	0	0	0	11	123	1	135	135	21
2021	0	0	0	0	0	108	10	142	1	261	261	160
2022	0	2	461	0	463	107	10	148	1	265	(198)	62
2023	0	0	0	0	0	110	10	146	3	269	269	186
2024	0	0	0	0	0	104	10	166	4	283	283	307
2025	0	0	0	0	0	104	9	168	4	285	285	422
2026	0	0	0	0	0	108	9	167	4	288	288	529
2027	0	2	522	0	524	106	9	168	5	287	(237)	447
2028	0	0	0	0	0	108	9	170	5	293	293	542
2029	0	0	0	0	0	111	8	172	6	297	297	631
2030	0	0	0	0	0	109	8	176	7	300	300	716
2031	0	0	0	0	0	110	8	179	8	304	304	796
2032	0	2	591	0	593	113	8	166	8	295	(298)	723
2033	0	0	0	0	0	111	8	181	9	308	308	793
2034	0	0	0	0	0	111	7	181	10	309	309	859
2035	0	0	0	0	0	113	7	168	11	299	299	918
2036	0	0	0	0	0	113	7	186	12	318	318	977
2037	0	3	668	0	671	116	7	166	13	302	(369)	913
2038	0	0	0	0	0	116	7	168	15	306	306	963
2039	0	0	0	0	0	118	7	178	16	319	319	1,010
2040	0	0	0	0	0	118	7	168	18	311	311	1,054
2041	0	0	0	0	0	117	7	178	19	321	321	1,095
2042	0	3	756	0	759	115	7	178	21	321	(438)	1,042
2043	0	0	0	0	0	118	6	175	23	322	322	1,079
2044	0	0	0	0	0	119	6	181	25	332	332	1,113
2045	0	0	0	0	0	120	6	181	28	334	334	1,146
2046	0	0	0	0	0	121	6	184	30	341	341	1,177
2047	0	3	855	0	859	123	6	180	33	341	(517)	1,133
2048	0	0	0	0	0	124	6	185	36	351	351	1,161
2049	0	0	0	0	0	124	6	186	38	355	355	1,187
2050	0	0	0	0	0	127	6	183	42	358	358	1,212
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	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	18	4,621	0	4,639	3,420	324	5,989	460	10,193	5,554	
NPV	0	6	1,481	0	1,486	760	128	1,742	68	2,699	1,212	

Discount Rate: 7.25 %  
 Benefit/Cost Ratio (Col(11) / Col(6)) : 1.82





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 .....	817.85 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	1,094,16701 kW
(3) KW LINE LOSS PERCENTAGE .....	8.81 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER .....	3,553,102.89 kWh
(5) kWh LINE LOSS PERCENTAGE .....	6.73 %
(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 .....	1.58562
(5) K FACTOR FOR T & D .....	1.55564

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 .....	7.29 %
(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 .....	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR .....	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2021
(3) IN-SERVICE YEAR FOR AVOIDED T&D .....	2015-2021
(4) BASE YEAR AVOIDED GENERATING COST .....	823.85 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST .....	17.62 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE .....	3.00 %**
(8) GENERATOR FIXED O & M COST .....	103.79 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	2.50 %**
(10) TRANSMISSION FIXED O & M COST .....	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST .....	0.51 \$/kW
(12) T&D FIXED O&M ESCALATION RATE .....	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE .....	2.50 %**
(15) GENERATOR CAPACITY FACTOR .....	55% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST .....	5.44 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE .....	8.58 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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



1 CALCULATION OF GEN K-FACTOR  
 2 PROGRAM METHOD SELECTED REV\_REQ  
 3 PROGRAM NAME: [REDACTED]

FSC FORM CE 1.1A  
 PAGE 1 OF 2

YEAR	(2) REG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2021	1,233	28	0	73	45	22	1	40	3	211	211	211	1,214
2022	1,189	27	0	70	27	21	1	40	19	205	191	402	1,245
2023	1,150	25	0	67	27	21	1	40	16	197	171	574	1,276
2024	1,074	24	0	63	28	20	1	40	14	190	154	727	1,308
2025	1,020	23	0	60	28	19	1	40	12	183	138	865	1,340
2026	968	22	0	57	28	18	1	40	10	176	124	989	1,374
2027	918	21	0	54	28	18	1	40	8	169	111	1,100	1,408
2028	869	20	0	51	28	17	1	40	6	163	99	1,199	1,443
2029	823	18	0	49	26	16	1	40	6	156	89	1,288	1,480
2030	776	17	0	46	24	15	1	40	6	150	80	1,368	1,517
2031	730	16	0	43	23	15	1	40	6	144	71	1,439	1,554
2032	684	15	0	40	21	14	1	40	6	138	63	1,502	1,593
2033	638	14	0	38	19	13	1	40	6	131	56	1,559	1,633
2034	591	13	0	35	18	12	1	40	6	125	50	1,609	1,674
2035	545	12	0	32	16	11	1	40	6	119	44	1,653	1,716
2036	499	11	0	29	14	11	1	40	6	113	39	1,692	1,759
2037	452	10	0	27	12	10	1	40	6	106	34	1,727	1,803
2038	406	9	0	24	11	9	1	40	6	100	30	1,757	1,848
2039	360	8	0	21	9	8	1	40	6	94	26	1,783	1,894
2040	314	7	0	19	7	7	1	40	6	88	23	1,806	1,941
2041	267	6	0	16	16	7	1	40	(4)	81	20	1,826	1,990
2042	231	5	0	14	25	6	1	40	(15)	76	17	1,844	2,040
2043	206	5	0	12	24	5	1	40	(15)	73	15	1,859	2,091
2044	180	4	0	11	23	5	1	40	(15)	69	14	1,873	2,143
2045	154	3	0	9	22	4	1	40	(15)	65	12	1,885	2,196
2046	129	3	0	8	21	3	1	40	(15)	61	11	1,895	2,251
2047	103	2	0	6	20	2	1	40	(15)	57	9	1,904	2,308
2048	77	2	0	5	19	2	1	40	(15)	54	8	1,913	2,365
2049	51	1	0	3	18	1	1	40	(15)	50	7	1,919	2,424
2050	26	1	0	2	17	0	1	40	(15)	46	6	1,925	2,485

IN SERVICE COST (\$000)	1,214
IN SERVICE YEAR	2021
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

SOURCE	WEIGHT	COST	
DEBT	41%	5.50	%
P/S	0%	0.00	%
C/S	59%	10.00	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58562



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)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2021	3.75%	45	45	40	40	38	38	3	65	0	0	0	3	(16)
2022	7.22%	86	131	40	81	38	77	19	65	0	0	0	19	3
2023	6.68%	80	211	40	121	38	115	16	65	0	0	0	16	19
2024	6.18%	74	285	40	162	38	153	14	65	0	0	0	14	33
2025	5.71%	68	353	40	202	38	191	12	65	0	0	0	12	44
2026	5.29%	63	416	40	243	38	230	10	65	0	0	0	10	54
2027	4.89%	58	475	40	283	38	268	8	65	0	0	0	8	62
2028	4.52%	54	529	40	324	38	306	6	65	0	0	0	6	68
2029	4.46%	53	582	40	364	38	345	6	65	0	0	0	6	74
2030	4.46%	53	636	40	405	38	383	6	65	0	0	0	6	79
2031	4.46%	53	689	40	445	38	421	6	65	0	0	0	6	85
2032	4.46%	53	742	40	486	38	460	6	65	0	0	0	6	91
2033	4.46%	53	796	40	526	38	498	6	65	0	0	0	6	97
2034	4.46%	53	849	40	567	38	536	6	65	0	0	0	6	103
2035	4.46%	53	903	40	607	38	574	6	65	0	0	0	6	108
2036	4.46%	53	956	40	648	38	613	6	65	0	0	0	6	114
2037	4.46%	53	1,009	40	688	38	651	6	65	0	0	0	6	120
2038	4.46%	53	1,063	40	729	38	689	6	65	0	0	0	6	126
2039	4.46%	53	1,116	40	769	38	728	6	65	0	0	0	6	132
2040	4.46%	53	1,169	40	810	38	766	6	65	0	0	0	6	137
2041	2.23%	27	1,196	40	850	38	804	(4)	65	0	0	0	(4)	133
2042	0.00%	0	1,196	40	890	38	842	(15)	65	0	0	0	(15)	118
2043	0.00%	0	1,196	40	931	38	881	(15)	65	0	0	0	(15)	103
2044	0.00%	0	1,196	40	971	38	919	(15)	65	0	0	0	(15)	89
2045	0.00%	0	1,196	40	1,012	38	957	(15)	65	0	0	0	(15)	74
2046	0.00%	0	1,196	40	1,052	38	996	(15)	65	0	0	0	(15)	59
2047	0.00%	0	1,196	40	1,093	38	1,034	(15)	65	0	0	0	(15)	44
2048	0.00%	0	1,196	40	1,133	38	1,072	(15)	65	0	0	0	(15)	30
2049	0.00%	0	1,196	40	1,174	38	1,111	(15)	65	0	0	0	(15)	15
2050	0.00%	0	1,196	40	1,214	38	1,149	(15)	65	0	0	0	(15)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2050
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(18)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	65
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2021	3.75%	45	3	1,174	40	(16)	1,233	1,189	1,211
2022	7.22%	86	19	1,133	81	3	1,189	1,130	1,160
2023	6.58%	80	16	1,093	121	19	1,130	1,074	1,102
2024	6.18%	74	14	1,052	162	33	1,074	1,020	1,047
2025	5.71%	68	12	1,012	202	44	1,020	968	994
2026	5.29%	63	10	971	243	54	968	918	943
2027	4.89%	58	8	931	283	62	918	869	893
2028	4.52%	54	6	890	324	68	869	823	846
2029	4.46%	53	6	850	364	74	823	776	800
2030	4.46%	53	6	810	405	79	776	730	753
2031	4.46%	53	6	769	445	85	730	684	707
2032	4.46%	53	6	729	486	91	684	638	661
2033	4.46%	53	6	688	526	97	638	591	614
2034	4.46%	53	6	648	567	103	591	545	568
2035	4.46%	53	6	607	607	108	545	499	522
2036	4.46%	53	6	567	648	114	499	452	476
2037	4.46%	53	6	526	688	120	452	406	429
2038	4.46%	53	6	486	729	126	406	360	383
2039	4.46%	53	6	445	769	132	360	314	337
2040	4.46%	53	6	405	810	137	314	267	290
2041	2.23%	27	(4)	364	850	133	267	231	249
2042	0.00%	0	(15)	324	890	118	231	206	218
2043	0.00%	0	(15)	283	931	103	206	180	193
2044	0.00%	0	(15)	243	971	89	180	154	167
2045	0.00%	0	(15)	202	1,012	74	154	129	141
2046	0.00%	0	(15)	162	1,052	59	129	103	116
2047	0.00%	0	(15)	121	1,093	44	103	77	90
2048	0.00%	0	(15)	81	1,133	30	77	51	64
2049	0.00%	0	(15)	40	1,174	15	51	26	39
2050	0.00%	0	(15)	0	1,214	0	26	0	13

\* 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)
2012	-9	0.00%	1.000	0.00%	0.00	0.00
2013	-8	3.00%	1.030	0.00%	0.00	0.00
2014	-7	3.00%	1.061	0.00%	0.00	0.00
2015	-6	3.00%	1.093	0.00%	0.00	0.00
2016	-5	3.00%	1.126	0.10%	0.90	0.45
2017	-4	3.00%	1.159	0.35%	3.30	2.55
2018	-3	3.00%	1.194	12.48%	122.75	65.57
2019	-2	3.00%	1.230	52.89%	535.90	394.89
2020	-1	3.00%	1.267	34.19%	356.82	841.25

100.00% 1,019.66

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/kW)	(8a)* DEBT AFUDC (\$/kW)	(8b)* CUMULATIVE DEBT AFUDC (\$/kW)	(9) YEARLY TOTAL AFUDC (\$/kW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/kW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/kW)	(9c)* CUMULATIVE CPI (\$/kW)	(9d)* DEFERRED TAXES (\$/kW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/kW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2012	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	-5	0.45	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.00	0.00
2017	-4	2.58	0.06	0.07	0.17	0.20	0.14	0.17	(0.03)	(0.04)	0.93	0.93
2018	-3	65.77	1.48	1.55	4.40	4.60	3.62	3.78	(0.82)	(0.86)	127.15	131.55
2019	-2	399.50	9.00	10.55	26.78	31.38	21.93	25.71	(4.99)	(5.85)	562.68	694.23
2020	-1	872.64	19.75	30.30	58.76	90.14	47.68	73.39	(10.77)	(16.62)	415.58	1,109.81

30.30

90.14

73.39

(16.62)

1,109.81

IN SERVICE YEAR	2021
PLANT COSTS	\$23,854,541.1
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	1,116	1,116	1,116
EQUITY AFUDC	65		
DEBT AFUDC	33	33	
CPI			80
TOTAL	1,214	1,149	1,196

\* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (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
2012	1	1	3.19	5.40	3.19	0.00	1.00	1.00
2013	1	1	3.49	5.14	3.49	0.00	1.00	1.00
2014	1	1	3.67	5.54	3.67	0.00	1.00	1.00
2015	1	1	3.92	5.53	3.92	0.00	1.00	1.00
2016	1	1	4.33	6.05	4.33	0.00	1.00	1.00
2017	1	1	4.69	7.13	4.69	0.00	1.00	1.00
2018	1	1	5.03	7.96	5.03	0.00	1.00	1.00
2019	1	1	5.20	7.59	5.20	0.00	1.00	1.00
2020	1	1	5.59	8.49	5.59	0.00	1.00	1.00
2021	1	1	6.14	9.70	6.14	6.83	1.00	1.00
2022	1	1	6.48	10.12	6.48	6.80	1.00	1.00
2023	1	1	6.71	10.07	6.71	7.14	1.00	1.00
2024	1	1	7.25	11.38	7.25	7.73	1.00	1.00
2025	1	1	7.60	11.55	7.60	8.12	1.00	1.00
2026	1	1	7.72	11.51	7.72	8.11	1.00	1.00
2027	1	1	7.89	11.59	7.89	8.22	1.00	1.00
2028	1	1	7.97	11.75	7.97	8.25	1.00	1.00
2029	1	1	8.04	11.89	8.04	8.30	1.00	1.00
2030	1	1	8.17	12.14	8.17	8.46	1.00	1.00
2031	1	1	8.20	12.31	8.20	8.55	1.00	1.00
2032	1	1	8.20	11.53	8.20	8.56	1.00	1.00
2033	1	1	8.36	12.47	8.36	8.76	1.00	1.00
2034	1	1	8.45	12.49	8.45	8.87	1.00	1.00
2035	1	1	8.51	11.70	8.51	8.95	1.00	1.00
2036	1	1	8.69	12.82	8.69	9.10	1.00	1.00
2037	1	1	8.68	11.59	8.68	9.14	1.00	1.00
2038	1	1	8.77	11.78	8.77	9.29	1.00	1.00
2039	1	1	8.91	12.40	8.91	9.40	1.00	1.00
2040	1	1	8.96	11.78	8.96	9.55	1.00	1.00
2041	1	1	9.09	12.41	9.09	9.76	1.00	1.00
2042	1	1	9.22	12.46	9.22	10.00	1.00	1.00
2043	1	1	9.33	12.29	9.33	10.12	1.00	1.00
2044	1	1	9.45	12.66	9.45	10.27	1.00	1.00
2045	1	1	9.56	12.67	9.56	10.47	1.00	1.00
2046	1	1	9.70	12.89	9.70	10.66	1.00	1.00
2047	1	1	9.81	12.64	9.81	10.82	1.00	1.00
2048	1	1	9.98	13.01	9.98	11.01	1.00	1.00
2049	1	1	10.13	13.11	10.13	11.23	1.00	1.00
2050	1	1	10.27	12.94	10.27	11.39	1.00	1.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	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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1 AVOIDED GENERATING EMISSION IMPACT  
 2 PROGRAM METHOD SELECTED: REV\_REQ  
 3 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)
2012	0	0	1	0	1
2013	0	0	3	0	3
2014	0	0	3	0	3
2015	0	0	2	0	2
2016	0	0	1	0	1
2017	0	0	1	0	1
2018	0	0	2	0	2
2019	0	0	1	0	1
2020	0	0	1	0	1
2021	0	0	2	0	2
2022	0	0	1	0	1
2023	27	36	16	0	8
2024	31	41	20	0	10
2025	36	47	22	0	11
2026	41	54	24	0	11
2027	48	63	27	0	12
2028	55	71	30	0	14
2029	63	82	35	0	15
2030	72	94	40	0	18
2031	81	106	45	0	20
2032	92	120	49	0	21
2033	105	137	56	0	24
2034	118	154	62	0	26
2035	132	172	69	0	28
2036	148	193	77	0	32
2037	165	215	84	0	34
2038	183	238	93	0	38
2039	202	263	103	0	42
2040	223	290	114	0	46
2041	245	320	125	0	51
2042	270	352	138	0	56
2043	296	386	151	0	61
2044	324	422	165	0	67
2045	353	461	179	0	72
2046	385	502	196	0	79
2047	419	546	213	0	85
2048	455	594	231	0	93
2049	494	644	251	0	101
2050	535	698	271	0	109
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	5,599	7,299	2,902	0	1,202
NPV	742	967	403	0	177









I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER _____	70.51 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER _____	94.33293 KW
(3) KW LINE LOSS PERCENTAGE _____	8.81 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER _____	306,329.07 KWh
(5) KWH LINE LOSS PERCENTAGE _____	6.73 %
(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) KFACTOR FOR GENERATION _____	1.58562
(5) KFACTOR FOR T & D _____	1.55564

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 _____	7.29 %
(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 _____	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR _____	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT _____	2021
(3) IN-SERVICE YEAR FOR AVOIDED T&D _____	2015-2021
(4) BASE YEAR AVOIDED GENERATING COST _____	823.85 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST _____	0.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST _____	0.00 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE _____	3.00 %**
(8) GENERATOR FIXED O & M COST _____	103.79 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE _____	2.50 %**
(10) TRANSMISSION FIXED O & M COST _____	0.00 \$/KW
(11) DISTRIBUTION FIXED O & M COST _____	0.00 \$/KW
(12) T&D FIXED O&M ESCALATION RATE _____	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS _____	0.058 CENTS&KWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE _____	2.50 %**
(15) GENERATOR CAPACITY FACTOR _____	55% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST _____	5.44 CENTS PER KWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE _____	8.58 %**

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





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

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 PAGE 2a OF 2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2021	3.75%	4	4	3	3	3	3	0	6	0	0	0	0	(1)
2022	7.22%	7	11	3	7	3	7	2	6	0	0	0	2	0
2023	6.68%	7	18	3	10	3	10	1	6	0	0	0	1	2
2024	6.18%	6	25	3	14	3	13	1	6	0	0	0	1	3
2025	5.71%	6	30	3	17	3	17	1	6	0	0	0	1	4
2026	5.29%	5	36	3	21	3	20	1	6	0	0	0	1	5
2027	4.89%	5	41	3	24	3	23	1	6	0	0	0	1	5
2028	4.52%	5	46	3	28	3	26	1	6	0	0	0	1	6
2029	4.46%	5	50	3	31	3	30	1	6	0	0	0	1	6
2030	4.46%	5	55	3	35	3	33	1	6	0	0	0	1	6
2031	4.46%	5	59	3	38	3	36	1	6	0	0	0	1	7
2032	4.46%	5	64	3	42	3	40	1	6	0	0	0	1	7
2033	4.46%	5	69	3	45	3	43	1	6	0	0	0	1	8
2034	4.46%	5	73	3	49	3	46	1	6	0	0	0	1	8
2035	4.46%	5	78	3	52	3	50	1	6	0	0	0	1	9
2036	4.46%	5	82	3	56	3	53	1	6	0	0	0	1	9
2037	4.46%	5	87	3	59	3	56	1	6	0	0	0	1	10
2038	4.46%	5	92	3	63	3	59	1	6	0	0	0	1	10
2039	4.46%	5	96	3	66	3	63	1	6	0	0	0	1	11
2040	4.46%	5	101	3	70	3	66	1	6	0	0	0	1	11
2041	2.23%	2	103	3	73	3	69	(0)	6	0	0	0	1	12
2042	0.00%	0	103	3	77	3	73	(1)	6	0	0	0	(0)	11
2043	0.00%	0	103	3	80	3	76	(1)	6	0	0	0	(1)	10
2044	0.00%	0	103	3	84	3	79	(1)	6	0	0	0	(1)	9
2045	0.00%	0	103	3	87	3	83	(1)	6	0	0	0	(1)	8
2046	0.00%	0	103	3	91	3	86	(1)	6	0	0	0	(1)	6
2047	0.00%	0	103	3	94	3	89	(1)	6	0	0	0	(1)	5
2048	0.00%	0	103	3	98	3	92	(1)	6	0	0	0	(1)	4
2049	0.00%	0	103	3	101	3	96	(1)	6	0	0	0	(1)	3
2050	0.00%	0	103	3	105	3	99	(1)	6	0	0	0	(1)	1
														0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2050
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	6
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%



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)
2012	-9	0.00%	1.000	0.00%	0.00	0.00
2013	-8	3.00%	1.030	0.00%	0.00	0.00
2014	-7	3.00%	1.061	0.00%	0.00	0.00
2015	-6	3.00%	1.093	0.00%	0.00	0.00
2016	-5	3.00%	1.126	0.10%	0.90	0.45
2017	-4	3.00%	1.159	0.35%	3.30	2.55
2018	-3	3.00%	1.194	12.48%	122.75	65.57
2019	-2	3.00%	1.230	52.89%	535.90	394.89
2020	-1	3.00%	1.267	34.19%	356.82	841.25

100.00%      1,019.66

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)
2012	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	-5	0.45	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.93	0.93
2017	-4	2.58	0.06	0.07	0.17	0.20	0.14	0.17	(0.03)	(0.04)	3.47	4.40
2018	-3	65.77	1.48	1.55	4.40	4.60	3.62	3.78	(0.82)	(0.86)	127.15	131.55
2019	-2	399.50	9.00	10.55	26.78	31.38	21.93	25.71	(4.99)	(5.85)	562.68	694.23
2020	-1	872.64	19.75	30.30	58.76	90.14	47.68	73.39	(10.77)	(16.62)	415.58	1,109.81

30.30

90.14

73.39

(16.62)

1,109.81

IN SERVICE YEAR	2021
PLANT COSTS	\$23,854,541.1
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	96	96	96
EQUITY AFUDC	6		
DEBT AFUDC	3	3	
CFI			7
<b>TOTAL</b>	<b>105</b>	<b>99</b>	<b>103</b>

\* Column not specified in workbook



1 INPUT DATA -- PART 2  
 2 PROGRAM METHOD SELECTED : REV\_REQ  
 3 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 kW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2012	1	1	3.19	5.40	3.19	0.00	1.00	1.00
2013	1	1	3.49	5.14	3.49	0.00	1.00	1.00
2014	1	1	3.67	5.54	3.67	0.00	1.00	1.00
2015	1	1	3.92	5.53	3.92	0.00	1.00	1.00
2016	1	1	4.33	6.05	4.33	0.00	1.00	1.00
2017	1	1	4.69	7.13	4.69	0.00	1.00	1.00
2018	1	1	5.03	7.96	5.03	0.00	1.00	1.00
2019	1	1	5.20	7.59	5.20	0.00	1.00	1.00
2020	1	1	5.59	8.49	5.59	0.00	1.00	1.00
2021	1	1	6.14	9.70	6.14	6.83	1.00	1.00
2022	1	1	6.48	10.12	6.48	6.80	1.00	1.00
2023	1	1	6.71	10.07	6.71	7.14	1.00	1.00
2024	1	1	7.25	11.38	7.25	7.73	1.00	1.00
2025	1	1	7.60	11.53	7.60	8.12	1.00	1.00
2026	1	1	7.72	11.51	7.72	8.11	1.00	1.00
2027	1	1	7.89	11.59	7.89	8.22	1.00	1.00
2028	1	1	7.97	11.75	7.97	8.25	1.00	1.00
2029	1	1	8.04	11.89	8.04	8.30	1.00	1.00
2030	1	1	8.17	12.14	8.17	8.46	1.00	1.00
2031	1	1	8.20	12.31	8.20	8.55	1.00	1.00
2032	1	1	8.20	11.53	8.20	8.56	1.00	1.00
2033	1	1	8.36	12.47	8.36	8.76	1.00	1.00
2034	1	1	8.45	12.49	8.45	8.87	1.00	1.00
2035	1	1	8.51	11.70	8.51	8.95	1.00	1.00
2036	1	1	8.69	12.82	8.69	9.10	1.00	1.00
2037	1	1	8.68	11.59	8.68	9.14	1.00	1.00
2038	1	1	8.77	11.78	8.77	9.29	1.00	1.00
2039	1	1	8.91	12.40	8.91	9.40	1.00	1.00
2040	1	1	8.96	11.78	8.96	9.55	1.00	1.00
2041	1	1	9.09	12.41	9.09	9.76	1.00	1.00
2042	1	1	9.22	12.46	9.22	10.00	1.00	1.00
2043	1	1	9.33	12.29	9.33	10.12	1.00	1.00
2044	1	1	9.45	12.66	9.45	10.27	1.00	1.00
2045	1	1	9.56	12.67	9.56	10.47	1.00	1.00
2046	1	1	9.70	12.89	9.70	10.66	1.00	1.00
2047	1	1	9.81	12.64	9.81	10.82	1.00	1.00
2048	1	1	9.98	13.01	9.98	11.01	1.00	1.00
2049	1	1	10.13	13.11	10.13	11.23	1.00	1.00
2050	1	1	10.27	12.94	10.27	11.39	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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1 AVOIDED GENERATING EMISSION IMPACT  
 2 PROGRAM METHOD SELECTED: REV\_REQ  
 3 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)
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	2	3	1	0	1
2024	3	4	2	0	1
2025	3	4	2	0	1
2026	4	5	2	0	1
2027	4	5	2	0	1
2028	5	6	3	0	1
2029	5	7	3	0	1
2030	6	8	3	0	2
2031	7	9	4	0	2
2032	8	10	4	0	2
2033	9	12	5	0	2
2034	10	13	5	0	2
2035	11	15	6	0	2
2036	13	17	7	0	3
2037	14	19	7	0	3
2038	16	21	8	0	3
2039	17	23	9	0	4
2040	19	25	10	0	4
2041	21	28	11	0	4
2042	23	30	12	0	5
2043	26	33	13	0	5
2044	28	36	14	0	6
2045	30	40	15	0	6
2046	33	43	17	0	7
2047	36	47	18	0	7
2048	39	51	20	0	8
2049	43	56	22	0	9
2050	46	60	23	0	9
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	483	629	250	0	104
NPV	64	83	35	0	15







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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	380.56 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	509.13613 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER	3,427,424.72 KVA
(5) KVA LINE LOSS PERCENTAGE	6.73 %
(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	38 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58562
(5) K FACTOR FOR T & D	1.55564

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	7.29 %
(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	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2020
(4) BASE YEAR AVOIDED GENERATING COST	799.86 \$/AW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/AW
(6) BASE YEAR DISTRIBUTION COST	0.00 \$/AW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	100.77 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	0.00 \$/AW
(11) DISTRIBUTION FIXED O & M COST	0.00 \$/AW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.056 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	42% (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	5.64 CENTS PER KW-HR** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	6.35 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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





1 CALCULATION OF GEN K-FACTOR  
 2 PROGRAM METHOD SELECTED REV\_REQ  
 3 PROGRAM NAME: [REDACTED]

YEAR	(2) BEG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2020	541	12	0	32	20	10	0	18	1	93	93	93	533
2021	522	12	0	31	12	9	0	18	2	90	84	176	546
2022	496	11	0	29	12	9	0	18	7	87	75	252	560
2023	471	11	0	28	12	9	0	18	6	83	67	319	574
2024	447	10	0	26	12	8	0	18	5	80	60	379	588
2025	424	10	0	25	12	8	0	18	4	77	54	434	603
2026	402	9	0	24	12	8	0	18	3	74	49	482	618
2027	381	9	0	23	12	7	0	18	3	71	44	526	633
2028	361	8	0	21	11	7	0	18	3	69	39	565	649
2029	341	8	0	20	11	7	0	18	3	66	35	600	665
2030	320	7	0	19	10	6	0	18	3	63	31	631	682
2031	300	7	0	18	9	6	0	18	3	60	28	659	699
2032	280	6	0	17	8	6	0	18	3	58	25	684	716
2033	259	6	0	15	8	5	0	18	3	55	22	706	734
2034	239	5	0	14	7	5	0	18	3	52	19	725	753
2035	219	5	0	13	6	5	0	18	3	49	17	742	771
2036	198	4	0	12	5	4	0	18	3	47	15	757	791
2037	178	4	0	11	5	4	0	18	3	44	13	771	810
2038	158	4	0	9	4	4	0	18	3	41	12	782	831
2039	138	3	0	8	3	3	0	18	3	38	10	792	851
2040	117	3	0	7	7	3	0	18	(2)	36	9	801	873
2041	101	2	0	6	11	3	0	18	(6)	34	8	809	895
2042	90	2	0	5	10	2	0	18	(6)	32	7	815	917
2043	79	2	0	5	10	2	0	18	(6)	30	6	821	940
2044	68	2	0	4	10	2	0	18	(6)	29	5	827	963
2045	56	1	0	3	9	1	0	18	(6)	27	5	831	987
2046	45	1	0	3	9	1	0	18	(6)	25	4	835	1,012
2047	34	1	0	2	8	1	0	18	(6)	24	4	839	1,037
2048	23	1	0	1	8	0	0	18	(6)	22	3	842	1,063
2049	11	0	0	1	7	(0)	1	18	(6)	20	3	845	1,090

IN SERVICE COST (\$000)	533
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.03%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	41%	5.50 %
P/S	0%	0.00 %
C/S	59%	10.00 %

K-FACTOR =  $\frac{PWFC}{IN-SVC\ COST} = 1.58562$

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

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION	ACCUMULATED DEPRECIATION	BOOK DEPRECIATION	ACCUMULATED DEPRECIATION	BOOK DEPRECIATION	ACCUMULATED DEPRECIATION	DEFERRED TAX DUE TO DEPRECIATION	TOTAL EQUITY AFUDC	BOOK DEPR. RATE MINUS 1/LIFE	(10%)(1) TAX RATE	SALVAGE TAX RATE	ANNUAL DEFERRED TAX	ACCUMULATED DEFERRED TAX
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)		(\$000)	(\$000)	(\$000)	(\$000)
2020	3.75%	30	20	18	18	17	17	1	29	0	0	0	1	1
2021	7.22%	38	58	18	56	17	34	4	29	0	0	0	8	8
2022	6.68%	35	93	18	71	17	50	7	29	0	0	0	7	14
2023	6.18%	32	125	18	99	17	67	6	29	0	0	0	6	19
2024	5.71%	30	155	18	127	17	84	5	29	0	0	0	5	24
2025	5.29%	28	183	18	155	17	101	4	29	0	0	0	4	27
2026	4.89%	26	208	18	182	17	118	3	29	0	0	0	3	30
2027	4.57%	24	232	18	206	17	134	3	29	0	0	0	3	32
2028	4.46%	23	255	18	229	17	151	3	29	0	0	0	3	35
2029	4.46%	23	279	18	252	17	168	3	29	0	0	0	3	37
2030	4.46%	23	302	18	275	17	185	3	29	0	0	0	3	40
2031	4.46%	23	326	18	298	17	202	3	29	0	0	0	3	42
2032	4.46%	23	349	18	321	17	218	3	29	0	0	0	3	45
2033	4.46%	23	372	18	344	17	235	3	29	0	0	0	3	48
2034	4.46%	23	396	18	367	17	252	3	29	0	0	0	3	50
2035	4.46%	23	419	18	389	17	269	3	29	0	0	0	3	53
2036	4.46%	23	443	18	412	17	286	3	29	0	0	0	3	55
2037	4.46%	23	466	18	435	17	302	3	29	0	0	0	3	58
2038	4.46%	23	489	18	458	17	319	3	29	0	0	0	3	60
2039	4.46%	23	515	18	481	17	336	3	29	0	0	0	3	62
2040	2.25%	11	525	18	491	17	353	3	29	0	0	0	3	64
2041	0.00%	0	525	18	491	17	370	3	29	0	0	0	3	66
2042	0.00%	0	525	18	491	17	386	3	29	0	0	0	3	68
2043	0.00%	0	525	18	491	17	403	3	29	0	0	0	3	70
2044	0.00%	0	525	18	491	17	420	3	29	0	0	0	3	72
2045	0.00%	0	525	18	491	17	437	3	29	0	0	0	3	74
2046	0.00%	0	525	18	491	17	453	3	29	0	0	0	3	76
2047	0.00%	0	525	18	491	17	470	3	29	0	0	0	3	78
2048	0.00%	0	525	18	491	17	487	3	29	0	0	0	3	80
2049	0.00%	0	525	18	491	17	504	3	29	0	0	0	3	82

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE/ COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	29
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	3.33%
BOOK DEPR. RATE - HOUSEHOLD LIFE	

page 4b

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 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)
2020	3.75%	20	1	515	18	(7)	541	522	531
2021	7.22%	38	8	497	36	1	522	496	509
2022	6.68%	35	7	479	53	8	496	471	483
2023	6.18%	32	6	462	71	14	471	447	459
2024	5.71%	30	5	444	89	19	447	424	436
2025	5.29%	28	4	426	107	24	424	402	413
2026	4.89%	26	3	408	124	27	402	381	392
2027	4.52%	24	3	391	142	30	381	361	371
2028	4.16%	23	3	373	160	32	361	341	351
2029	4.46%	23	3	355	178	35	341	320	330
2030	4.46%	23	3	337	195	37	320	300	310
2031	4.46%	23	3	320	213	40	300	280	290
2032	4.46%	23	3	302	231	42	280	259	270
2033	4.46%	23	3	284	249	45	259	239	249
2034	4.46%	23	3	266	266	48	239	219	229
2035	4.46%	23	3	249	284	50	219	198	209
2036	4.46%	23	3	231	302	53	198	178	188
2037	4.46%	23	3	213	320	55	178	158	168
2038	4.46%	23	3	195	337	58	158	138	148
2039	4.46%	23	3	178	355	60	138	117	127
2040	2.23%	12	(2)	160	373	58	117	101	109
2041	0.00%	0	(0)	142	391	52	101	90	96
2042	0.00%	0	(0)	124	408	45	90	79	85
2043	0.00%	0	(0)	107	426	39	79	68	73
2044	0.00%	0	(0)	89	444	32	68	56	62
2045	0.00%	0	(0)	71	462	26	56	45	51
2046	0.00%	0	(0)	53	479	19	45	34	39
2047	0.00%	0	(0)	36	497	13	34	23	28
2048	0.00%	0	(0)	18	515	6	23	11	17
2049	0.00%	0	(0)	(0)	533	0	11	0	6

\* 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)
2012	-8	0.00%	1.000	0.00%	0.00	0.00
2013	-7	3.00%	1.030	0.00%	0.00	0.00
2014	-6	3.00%	1.061	0.00%	0.00	0.00
2015	-5	3.00%	1.093	0.10%	0.84	0.42
2016	-4	3.00%	1.126	0.35%	3.11	2.40
2017	-3	3.00%	1.159	12.48%	115.70	61.81
2018	-2	3.00%	1.194	52.89%	505.14	372.23
2019	-1	3.00%	1.230	34.19%	336.33	792.96

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DEBT AFUDC (\$/KW)	(8b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c)* CUMULATIVE CPI (\$/KW)	(9d)* DEFERRED TAXES (\$/KW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10)	(11)
											INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87
2015	-5	0.42	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	3.27	4.15
2016	-4	2.43	0.05	0.06	4.15	4.34	3.41	3.56	(0.78)	(0.81)	119.85	124.00
2017	-3	62.00	1.39	1.46	25.24	29.58	20.67	24.23	(4.70)	(5.31)	530.38	654.38
2018	-2	376.57	8.48	9.94	25.24	29.58	20.67	24.23	(4.70)	(5.31)	391.72	1,046.10
2019	-1	821.55	18.62	28.56	55.39	84.97	44.95	69.18	(10.16)	(15.67)		

IN SERVICE YEAR 2020	2020	28.56	34.97	69.18	(15.67)	1,046.10
PLANT COSTS	799,858,777.8	28.56	34.97	69.18	(15.67)	1,046.10
AFUDC RATE	6.69%	28.56	34.97	69.18	(15.67)	1,046.10

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	489	489	489
EQUITY AFUDC	29		
DEBT AFUDC	15	15	
CPI			35
TOTAL	533	504	525

\* Column not specified in workbook

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1 INPUT DATA - PART 2  
2 PROGRAM METHOD SELECTED: REV\_REQ  
3 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
2012	1	1	3.78	3.79	5.17	0.00	1.00	1.00
2013	1	1	3.89	3.90	5.16	0.00	1.00	1.00
2014	1	1	3.99	4.00	5.25	0.00	1.00	1.00
2015	1	1	4.28	4.30	5.70	0.00	1.00	1.00
2016	1	1	4.70	4.72	6.32	0.00	1.00	1.00
2017	1	1	5.10	5.11	6.88	0.00	1.00	1.00
2018	1	1	6.68	6.70	9.83	0.00	1.00	1.00
2019	1	1	7.17	7.19	10.48	0.00	1.00	1.00
2020	1	1	7.79	7.82	11.43	7.82	1.00	1.00
2021	1	1	8.26	8.29	11.96	7.90	1.00	1.00
2022	1	1	8.53	8.56	12.23	7.12	1.00	1.00
2023	1	1	8.89	8.92	12.37	7.34	1.00	1.00
2024	1	1	9.72	9.75	14.01	8.06	1.00	1.00
2025	1	1	10.63	10.68	15.86	8.83	1.00	1.00
2026	1	1	10.79	10.83	16.09	8.93	1.00	1.00
2027	1	1	10.99	11.03	16.36	8.99	1.00	1.00
2028	1	1	11.23	11.27	16.79	9.04	1.00	1.00
2029	1	1	11.50	11.54	16.89	9.06	1.00	1.00
2030	1	1	11.83	11.87	17.23	9.15	1.00	1.00
2031	1	1	12.16	12.20	17.78	9.25	1.00	1.00
2032	1	1	12.34	12.38	16.82	9.25	1.00	1.00
2033	1	1	12.75	12.79	18.36	9.50	1.00	1.00
2034	1	1	13.17	13.21	18.95	9.65	1.00	1.00
2035	1	1	13.39	13.43	18.15	9.79	1.00	1.00
2036	1	1	13.91	13.96	19.66	9.99	1.00	1.00
2037	1	1	14.19	14.24	19.20	10.08	1.00	1.00
2038	1	1	14.59	14.63	19.67	10.25	1.00	1.00
2039	1	1	15.20	15.24	20.83	10.42	1.00	1.00
2040	1	1	15.61	15.64	20.53	10.54	1.00	1.00
2041	1	1	16.19	16.23	21.76	10.72	1.00	1.00
2042	1	1	16.78	16.82	22.52	10.90	1.00	1.00
2043	1	1	17.33	17.37	22.58	11.07	1.00	1.00
2044	1	1	18.00	18.04	24.18	11.26	1.00	1.00
2045	1	1	18.60	18.64	24.37	11.43	1.00	1.00
2046	1	1	19.27	19.31	24.89	11.63	1.00	1.00
2047	1	1	19.96	20.00	25.24	11.82	1.00	1.00
2048	1	1	20.80	20.84	26.50	12.02	1.00	1.00
2049	1	1	21.55	21.59	27.01	12.23	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

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

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

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
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	0	0	0	0	0	0
2020	93	63	1	105	145	116
2021	90	64	3	214	261	110
2022	87	66	3	268	303	120
2023	83	67	3	285	311	128
2024	80	69	3	308	339	121
2025	77	71	3	329	372	108
2026	74	72	3	337	377	110
2027	71	74	3	345	382	112
2028	69	76	4	351	384	115
2029	66	78	4	358	385	120
2030	63	80	4	364	389	122
2031	60	82	4	371	393	124
2032	58	84	4	378	395	130
2033	55	86	4	384	404	125
2034	52	88	4	391	411	125
2035	49	91	4	398	416	126
2036	47	93	4	406	425	124
2037	44	95	4	413	429	127
2038	41	97	5	420	436	127
2039	38	100	5	428	443	127
2040	36	102	5	435	448	130
2041	34	105	5	443	456	130
2042	32	108	5	451	464	132
2043	30	110	5	459	471	134
2044	29	113	5	468	479	135
2045	27	116	5	476	486	138
2046	25	119	6	484	495	139
2047	24	122	6	493	503	141
2048	22	125	6	502	512	143
2049	20	128	6	511	521	144
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	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	1,574	2,744	125	11,576	12,232	3,788
NPV	481	595	26	2,473	2,678	896













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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	397.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	531.13280 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR KW REDUCTION PER CUSTOMER	840,269.97 KWh
(5) KW LINE LOSS PERCENTAGE	5.73 %
(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	38 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58562
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	== S/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	== S/CUST
(3) UTILITY COST ESCALATION RATE	== %
(4) CUSTOMER EQUIPMENT COST	== S/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	== %
(6) CUSTOMER O & M COST	== S/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	== %
(8) INCREASED SUPPLY COSTS	== S/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	== %
(10) UTILITY DISCOUNT RATE	7.29 %
(11) UTILITY AFUDC RATE	6.69 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	== S/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	== S/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	== %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2020
(4) BASE YEAR AVOIDED GENERATING COST	799.86 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	362.99 \$/KW
(6) BASE YEAR DISTRIBUTION COST	\$1.44 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %
(8) GENERATOR FIXED O & M COST	100.77 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %
(10) TRANSMISSION FIXED O & M COST	2.81 \$/KW
(11) DISTRIBUTION FIXED O & M COST	2.07 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.056 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %
(15) GENERATOR CAPACITY FACTOR	42% (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	5.64 CENTS PER KWH (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	6.35 %

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

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



1 CALCULATION OF GEN K-FACTOR  
 2 PROGRAM METHOD SELECTED REV REQ  
 3 PROGRAM NAME ██████████

YEAR	(2) REG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORKING FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2020	564	13	0	33	20	10	0	19	1	97	97	97	356
2021	544	12	0	32	12	10	0	19	8	94	87	184	370
2022	517	12	0	31	12	9	0	19	7	90	78	262	384
2023	491	11	0	29	13	9	0	19	6	87	70	333	398
2024	467	10	0	28	13	9	0	19	5	84	63	396	413
2025	443	10	0	26	13	8	0	19	4	80	57	452	429
2026	420	9	0	25	13	8	0	19	4	77	51	503	444
2027	398	9	0	24	13	8	0	19	3	74	45	549	460
2028	376	8	0	22	12	7	0	19	3	72	41	589	477
2029	353	8	0	21	11	7	0	19	3	69	36	626	494
2030	334	8	0	20	10	7	0	19	3	66	33	658	511
2031	313	7	0	19	10	6	0	19	3	63	29	687	529
2032	292	7	0	17	9	6	0	19	3	60	26	713	547
2033	271	6	0	16	8	6	0	19	3	57	23	736	566
2034	249	6	0	15	7	5	0	19	3	54	20	756	585
2035	228	5	0	13	6	5	0	19	3	52	18	774	605
2036	207	5	0	12	6	5	0	19	3	49	16	790	625
2037	186	4	0	11	5	4	0	19	3	46	14	804	645
2038	165	4	0	10	4	4	0	19	3	43	12	816	667
2039	143	3	0	8	3	4	0	19	3	40	11	827	688
2040	122	3	0	7	3	3	0	19	3	37	9	836	710
2041	104	2	0	6	11	3	0	19	(2)	35	8	844	733
2042	94	2	0	6	11	2	0	19	(7)	33	7	851	757
2043	82	2	0	5	10	2	0	19	(7)	31	6	857	780
2044	71	2	0	4	10	2	0	19	(7)	30	5	862	805
2045	59	1	0	3	10	1	0	19	(7)	28	5	867	830
2046	47	1	0	3	9	1	0	19	(7)	26	4	871	856
2047	35	1	0	2	9	1	1	19	(7)	25	4	875	882
2048	24	1	0	1	8	0	1	19	(7)	23	3	878	909
2049	12	0	0	1	8	(0)	1	19	(7)	21	3	881	937

IN SERVICE COST (\$000)	356
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFFECT. TAX RATE	38.37%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

SOURCE	WEIGHT	COST
DEBT	41%	5.50%
B/S	0%	0.00%
C/S	59%	10.00%

K-FACTOR =  $\frac{PWFC}{IN-SVC\ COST} = 1.58562$

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)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2020	3.75%	21	21	19	19	18	18	1	30	0	0	0	1	(7)
2021	7.22%	40	60	19	37	18	35	2	30	0	0	0	3	1
2022	6.68%	37	97	19	56	18	53	7	30	0	0	0	7	9
2023	6.18%	34	130	19	74	18	70	6	30	0	0	0	6	15
2024	5.71%	31	162	19	93	18	88	5	30	0	0	0	5	20
2025	5.29%	29	191	19	111	18	105	4	30	0	0	0	4	23
2026	4.89%	27	217	19	130	18	123	4	30	0	0	0	4	28
2027	4.52%	25	242	19	148	18	140	3	30	0	0	0	3	31
2028	4.46%	24	266	19	167	18	158	3	30	0	0	0	3	34
2029	4.46%	24	291	19	185	18	175	3	30	0	0	0	3	36
2030	4.46%	24	315	19	204	18	193	3	30	0	0	0	3	39
2031	4.46%	24	340	19	222	18	210	3	30	0	0	0	3	42
2032	4.46%	24	364	19	241	18	228	3	30	0	0	0	3	44
2033	4.46%	24	389	19	259	18	245	3	30	0	0	0	3	47
2034	4.46%	24	413	19	278	18	263	3	30	0	0	0	3	50
2035	4.46%	24	437	19	296	18	280	3	30	0	0	0	3	52
2036	4.46%	24	462	19	315	18	298	3	30	0	0	0	3	55
2037	4.46%	24	486	19	333	18	315	3	30	0	0	0	3	58
2038	4.46%	24	511	19	352	18	333	3	30	0	0	0	3	60
2039	4.46%	24	535	19	370	18	350	3	30	0	0	0	3	63
2040	2.33%	12	547	19	389	18	368	(2)	30	0	0	0	(2)	61
2041	0.00%	0	547	19	407	18	385	(7)	30	0	0	0	(7)	54
2042	0.00%	0	547	19	426	18	403	(7)	30	0	0	0	(7)	47
2043	0.00%	0	547	19	444	18	421	(7)	30	0	0	0	(7)	41
2044	0.00%	0	547	19	463	18	438	(7)	30	0	0	0	(7)	34
2045	0.00%	0	547	19	482	18	456	(7)	30	0	0	0	(7)	27
2046	0.00%	0	547	19	500	18	473	(7)	30	0	0	0	(7)	20
2047	0.00%	0	547	19	519	18	491	(7)	30	0	0	0	(7)	14
2048	0.00%	0	547	19	537	18	508	(7)	30	0	0	0	(7)	7
2049	0.00%	0	547	19	556	18	526	(7)	30	0	0	0	(7)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(8)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	30
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%



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

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2020	3.75%	21	1	537	19	(7)	564	544	554
2021	7.22%	40	8	519	37	1	544	517	531
2022	6.68%	37	7	500	56	9	517	491	504
2023	6.18%	34	6	482	74	15	491	467	479
2024	5.71%	31	5	463	93	20	467	443	455
2025	5.29%	29	4	444	111	25	443	420	431
2026	4.89%	27	4	426	130	28	420	398	409
2027	4.52%	25	3	407	148	31	398	376	387
2028	4.46%	24	3	389	167	34	376	355	366
2029	4.46%	24	3	370	185	36	355	334	345
2030	4.46%	24	3	352	204	39	334	313	324
2031	4.46%	24	3	333	222	42	313	292	302
2032	4.46%	24	3	315	241	44	292	271	281
2033	4.46%	24	3	296	259	47	271	249	260
2034	4.46%	24	3	278	278	50	249	228	239
2035	4.46%	24	3	259	296	52	228	207	218
2036	4.46%	24	3	241	315	55	207	186	196
2037	4.46%	24	3	222	333	58	186	165	175
2038	4.46%	24	3	204	352	60	165	143	154
2039	4.46%	24	3	185	370	63	143	122	133
2040	2.23%	12	(2)	167	389	61	122	106	114
2041	0.00%	0	(7)	148	407	54	106	94	100
2042	0.00%	0	(7)	130	426	47	94	82	88
2043	0.00%	0	(7)	111	444	41	82	71	76
2044	0.00%	0	(7)	93	463	34	71	59	65
2045	0.00%	0	(7)	74	482	27	59	47	53
2046	0.00%	0	(7)	56	500	20	47	35	41
2047	0.00%	0	(7)	37	519	14	35	24	29
2048	0.00%	0	(7)	19	537	7	24	12	18
2049	0.00%	0	(7)	(0)	556	0	12	0	6

\* 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)
2012	-8	0.00%	1.000	0.00%	0.00	0.00
2013	-7	3.00%	1.030	0.00%	0.00	0.00
2014	-6	5.00%	1.061	0.00%	0.00	0.00
2015	-5	5.00%	1.093	0.10%	0.34	0.42
2016	-4	3.00%	1.126	0.35%	3.11	2.40
2017	-3	3.00%	1.159	12.48%	115.70	61.81
2018	-2	3.00%	1.194	52.89%	505.14	372.23
2019	-1	3.00%	1.230	34.19%	336.33	792.96

100.00% 961.13

(8) NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DEBT AFUDC (\$/KW)	(8b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c)* CUMULATIVE CPI (\$/KW)	(9d)* DEFERRED TAXES (\$/KW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-5	0.42	0.01	0.01	0.03	0.02	0.02	(0.01)	(0.01)	0.87	0.87
2016	-4	2.48	0.05	0.06	0.16	0.19	0.16	(0.03)	(0.04)	3.27	4.15
2017	-3	62.00	1.39	1.46	4.15	3.41	3.56	(0.78)	(0.81)	119.85	124.00
2018	-2	376.57	8.48	9.94	29.58	20.67	24.23	(4.70)	(5.51)	530.58	654.38
2019	-1	822.55	18.62	28.56	84.97	44.95	69.18	(10.16)	(15.67)	391.72	1,046.10

28.56

84.97

69.18

(15.67)

1,046.10

IN SERVICE YEAR	2020
PLANT COSTS	799,858,777.8
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	510	510	510
EQUITY AFUDC	30		
DEBT AFUDC	15	15	
CPI			37
TOTAL	556	526	547

\* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (\$/KWH)	(5) AVOIDED MARGINAL FUEL COST (\$/KWH)	(6)* INCREASED MARGINAL FUEL COST (\$/KWH)	(7) REPLACEMENT FUEL COST (\$/KWH)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KVA EFFECTIVENESS FACTOR
2012	1	1	3.78	4.63	3.93	0.00	1.00	1.00
2013	1	1	3.89	4.52	4.02	0.00	1.00	1.00
2014	1	1	3.99	4.39	4.11	0.00	1.00	1.00
2015	1	1	4.28	4.59	4.42	0.00	1.00	1.00
2016	1	1	4.70	5.50	4.86	0.00	1.00	1.00
2017	1	1	5.10	6.07	5.28	0.00	1.00	1.00
2018	1	1	6.68	8.21	6.94	0.00	1.00	1.00
2019	1	1	7.17	8.92	7.46	0.00	1.00	1.00
2020	1	1	7.79	9.99	8.15	7.82	1.00	1.00
2021	1	1	8.26	10.16	8.59	7.30	1.00	1.00
2022	1	1	8.53	9.98	8.81	7.12	1.00	1.00
2023	1	1	8.89	10.15	9.17	7.54	1.00	1.00
2024	1	1	9.72	11.52	10.05	8.06	1.00	1.00
2025	1	1	10.63	12.87	11.04	8.83	1.00	1.00
2026	1	1	10.79	12.81	11.18	8.93	1.00	1.00
2027	1	1	10.99	13.00	11.55	8.59	1.00	1.00
2028	1	1	11.23	13.21	11.59	9.04	1.00	1.00
2029	1	1	11.50	13.53	11.86	9.06	1.00	1.00
2030	1	1	11.83	13.79	12.20	9.15	1.00	1.00
2031	1	1	12.16	14.19	12.55	9.25	1.00	1.00
2032	1	1	12.34	14.10	12.72	9.25	1.00	1.00
2033	1	1	12.75	14.80	13.17	9.50	1.00	1.00
2034	1	1	13.17	15.29	13.58	9.65	1.00	1.00
2035	1	1	13.39	15.33	13.77	9.79	1.00	1.00
2036	1	1	13.91	16.09	14.52	9.99	1.00	1.00
2037	1	1	14.19	16.22	14.37	10.08	1.00	1.00
2038	1	1	14.39	16.68	14.94	10.25	1.00	1.00
2039	1	1	15.20	17.39	15.56	10.42	1.00	1.00
2040	1	1	15.61	17.71	15.92	10.34	1.00	1.00
2041	1	1	16.19	18.42	16.53	10.72	1.00	1.00
2042	1	1	16.78	19.10	17.12	10.90	1.00	1.00
2043	1	1	17.35	19.62	17.68	11.07	1.00	1.00
2044	1	1	18.00	20.41	18.34	11.26	1.00	1.00
2045	1	1	18.60	20.93	18.93	11.43	1.00	1.00
2046	1	1	19.27	21.59	19.61	11.63	1.00	1.00
2047	1	1	19.96	22.21	20.28	11.82	1.00	1.00
2048	1	1	20.80	23.13	21.15	12.02	1.00	1.00
2049	1	1	21.55	23.82	21.88	12.23	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

\* 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.















**Customers that no longer participate on FPL's C/I Load Control (CILC) Rate**

**During the Period: January through December 2012**

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	12/30/2011	GSLD-1 (62)	No longer qualifies for participation on the CILC Rate
Customer No. 2	1/12/2012	N/A	No longer a FPL customer
Customer No. 3	3/31/2012	N/A	No longer a FPL customer
Customer No. 4	5/22/2012	GSD-1	No longer qualifies for participation on the CILC Rate
Customer No. 5	6/29/2012	N/A	No longer a FPL customer
Customer No. 6	7/24/2012	GSLDT-1 (64)	Customer requested. Customer assessed penalty in accordance with rate schedule
Customer No. 7	9/07/2012	GSLDT-1 (64)	Customer requested. Customer assessed penalty in accordance with rate schedule

**Customers that no longer participate on FPL's C/I Demand Reduction (CDR) Rider****During the Period: January through December 2012**

<b><u>Customer Name</u></b>	<b><u>Effective Date</u></b>	<b><u>Firm Rate</u></b>	<b><u>Remarks</u></b>
Customer No. 1	1/25/2012	N/A	No longer a FPL customer
Customer No. 2	2/7/2012	N/A	No longer a FPL customer
Customer No. 3	3/30/2012	N/A	No longer a FPL customer
Customer No. 4	4/21/2012	GSD-1 (72)	No longer qualifies for participation on CDR Rider

### **Renewable Research and Demonstration Project (RRD)**

#### **Solar Powered Mini Split Heat Pump with Battery Storage:**

This is a field test of photovoltaic (PV) solar panels being used to charge a bank of batteries which stores energy to power a very efficient SEER 19 mini-split heat pump. This grid-independent design can supplement a conventional HVAC system, and it can provide 1.5 tons of cooling and 110 volt power during hurricane related outages. During 2012 performance data for six months was gathered. The data gathering will continue into the first six months of 2013, followed by analysis and final report.

#### **Assessment of Small Scale Wind Turbines 1-10 kW:**

This is an assessment of small scale wind turbines of 1-10 kilowatts currently available on the market. These consumer-size wind turbines will be matched to the wind resources in Florida to estimate the potential energy generation of this class of wind turbine in FPL territory. During 2012 the available wind turbine products were identified. The analysis and final report will be completed in 2013.

#### **Renewable Demonstration Projects:**

Under the RRD Project, FPL is installing working photovoltaic (PV) systems at governmental and non-profit customer locations as demonstration sites. The goal is to raise awareness about renewable energy and educate visitors about PV systems.

Three renewable demonstration sites were constructed in 2012: the Museum of Discovery and Science in Fort Lauderdale, Waterfront Commons Park in West Palm, and Brevard Zoo in Melbourne. Three additional demonstration sites have been selected for completion in 2013. These sites are: The Imaginarium and GWIZ science museums on Florida's west coast and the Kennedy Space Center visitor center in Cape Canaveral.

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

### **Deep Retrofits of Existing Homes:**

This is a Building America project FPL co-funded with the Department of Energy (DOE). In 2012 research participants were recruited, the homes were surveyed, and monitoring equipment was installed on the major end uses (air conditioning, water heating, etc.).

In 2013, sixty homes will receive light efficiency retrofits while about 10 homes will receive deep retrofits. End use metering and advanced statistical analysis will be used to estimate the energy savings of each type of retrofit in order to prioritize retrofit measures according to customer payback under Florida climate conditions. The goal is to help contractors and homeowners make informed choices between efficiency retrofit options.

### **Super High Efficiency Air Conditioning Study Phase III:**

This is a monitored research project in a controlled test facility to measure performance under Florida climate conditions of the new Nordyne ultra-efficient variable-capacity HVAC. Nordyne units have very high seasonal energy efficiency ratios (SEER) of 21.5-24.5. While the variable capacity compressor was running at the lowest speed, the HVAC system was observed to draw less than 1,000 Watts. In 2012 a Nordyne HVAC of a different size was installed and extensive lab performance monitoring began.

In 2013, the research will determine if over sizing the system will cause the unit to operate at low speed mode even more frequently.

### **Integrated Heat Pump Water Heaters (HPWH):**

FPL funded a side-by-side test of four brands of integrated heat pump water heaters and a standard electric water heater. The tests were conducted in a climate controlled chamber which replicated Florida's temperature range and inlet water temperatures – both of which can influence efficiency. Results will be presented for HPWH units installed indoors and in unconditioned (garage) spaces. The first two HPWH models were tested in 2012. The other two models will be tested in 2013.

### **NEST Learning Thermostat:**

In 2012 the smart thermostats were installed in the field. This is a self-programming thermostat for residential central HVAC systems. The device detects and uses homeowner temperature preferences and occupancy patterns to develop its own program for daily HVAC operation. The goal of this research project is to assess self-programming effectiveness and get an indication of energy savings.

**Condenser Misting for Commercial HVAC & Refrigeration:**

In 2012 supermarket locations were reviewed, and a host site was selected in Melbourne, Florida. This is a one year field test of water misting the air-cooled condensers of supermarket refrigeration equipment. The hypothesis is that this could be a relatively economical efficiency retrofit to a large portion of existing HVAC and refrigeration equipment.

**Electric Power Research Institute (EPRI) Efficient Technology Collaborative:**

In 2012 FPL co-funded EPRI project series 170B&C. This collaborative research project explored the latest energy efficiency measures which have potential for residential and commercial markets. FPL was one of many partners funding the projects and providing input.

**Appendix A**  
**Pages 1A – 3D**

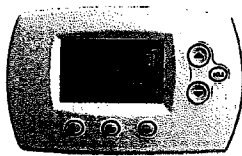
**Turning Air Conditioner Up One Degree Savings**

Average summer bill (\$):	\$126.70
Average summer cooling % of bill:	59%
Average summer cooling cost (\$):	\$74.75
Cooling savings per degree:	5%
Cooling savings:	\$3.74
Source:	
Energy Star Calculator	

<b>Energy Use of Electronic Devices in Standby and Operating Mode</b>		
Device - Mode	Monthly Cost (\$)	Days to Run Device/Mode from One Degree Savings (cooling savings)/(Monthly Cost Device-Mode / 30.5)
LCD not Energy Star 41"-50" on	\$2.81	40
PC	\$2.47	46
Your Home One Day	\$94.62	1
Refrigerator	\$3.83	29



**You can power your TV for 40 days**

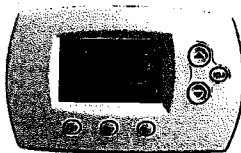


**With the savings you get in one month by turning your air conditioner up 1 degree**

Get energy fit with the improved FPL Online Home Energy Survey, and make your bill even lower, visit [www.FPL.com/energyfit](http://www.FPL.com/energyfit)



**Puedes proveerle electricidad a tu televisor por 40 días**



**Con lo que te ahorras en un mes  
subiéndole 1 grado a tu aire acondicionado.**

Completa hoy mismo el estudio Online mejorado de FPL, es gratis,  
te ayudará a mejorar tu consumo de energía y a que tu cuenta sea  
aún más baja. Visita [www.FPL.com/energiaactiva](http://www.FPL.com/energiaactiva)



**RCS English & Spanish Language TV Scripts**

**RCS/Treadmill - Thermostat :30**

**ENGLISH**

It can help you trim down...

but it can't trim your energy bill.

Raising your air conditioner by one degree can. This simple change gives you enough savings in one month to power your TV for 40 days.

Your PC for 46 days.

Or your entire home for one full day.

With the improved FPL Online Home Energy Survey, you'll get expert recommendations on how to save money.

So take the free FPL Online Home Energy Survey today to get energy fit and make your bill even lower.

**SPANISH**

Puede ayudarte a bajar de peso.

Pero no tu cuenta de electricidad.

Subir un grado tu aire acondicionado sí puede. Así ahorras suficiente como para proveerle electricidad a tu televisor por 40 días.

Mantener funcionando tu refrigerador por 29 días.

O darle energía a toda tu casa por un día entero.

Completa hoy mismo el estudio Online mejorado de FPL, es gratis y te ayudará a mejorar tu consumo de energía y a que tu cuenta sea aún más baja.

**RCS/Treadmill – High Efficiency Light Bulbs :30 (\*A Spanish version was not developed)**

**ENGLISH**

It can help you trim down...

but it can't trim your energy bill.

Switching to high efficiency light bulbs can. This simple change gives you enough savings in one month to power your refrigerator for 29 days.

Your washer for 36 days.

Or your entire home for one full day.

With the improved FPL Online Home Energy Survey, you'll get expert recommendations on how to save money.

So take the free FPL Online Home Energy Survey today to get energy fit and make your bill even lower.

**RCS Refrigerator :15**

**ENGLISH**

You can power your refrigerator for 29 days...

with the savings you get in 1 month by switching to high efficiency light bulbs.

Take the free FPL Online Home Energy Survey today to get energy fit and make your bill even lower.

**SPANISH**

Puedes proveerle electricidad a tu refrigerador por 29 días...

...con lo que te ahorrarías en un mes al cambiarte a bombillos de alta eficiencia.

Completa hoy mismo el estudio Online mejorado de FPL, es gratis y te ayudará a mejorar tu consumo de energía y a que tú cuenta sea aún más baja.

**RCS TV :15**

**ENGLISH**

You can power your TV for 40 days...

with the savings you get in 1 month by turning your air conditioner up one degree.

Take the free FPL Online Home Energy Survey today to get energy fit and make your bill even lower.

**SPANISH**

Puedes proveerle electricidad a tu televisor por 40 días...

...con lo que te ahorrarías en un mes al subirle un grado a tu aire acondicionado.

Completa hoy mismo el estudio Online mejorado de FPL, es gratis y te ayudará a mejorar tu consumo de energía y a que tú cuenta sea aún más baja.

### Compact Fluorescent Light (CFL) Bulb Savings

If every residential customer replaced one 60 Watt light bulb with a CFL:

Assumptions	60W Incandescent	15W CFL	Savings per CFL
Wattage (W)	60	15	45
Hours per day	4	4	
Hours per year (Annual days 365 X hours per day 4)	1,460	1,460	
\$ per kWh (Average \$ per kWh)	\$0.10	\$0.10	
kWh per year (Wattage 60 X hours per year 1,460 / 1000 ( kWh))	87.6	21.9	65.7
\$ per year (Average \$ per kWh \$0.10 X kWh per year 87.6)	\$8.76	\$2.19	\$6.57
Annual \$ savings of 7 60W-equivalent CFLs on 4 hours per day (\$ per year \$6.57 X 7 CFLs)			\$45.99
Monthly Savings from CFL (Annual savings \$45.99 / 12 months)			\$3.83

Device - Mode	Monthly Cost (\$)	Days to Run Device/Mode from CFL Savings (CFL savings)/(Monthly Cost Device-Mode / 30.5)
Refrigerator	\$3.83	29
Washer	\$3.12	36
Your Home One Day	\$94.62	1

**You can power your refrigerator for 29 days**



**With the savings you get in one month by switching to high-efficiency light bulbs**

Get energy fit with the Improved FPL Online Home Energy Survey, and make your bill even lower, visit [www.FPL.com/energyfit](http://www.FPL.com/energyfit)



**Puedes mantener funcionando tu refrigerador por 29 días**



**Con lo que te ahorras en un mes al cambiarte a bombillos de alta eficiencia.**

Completa hoy mismo el estudio Online mejorado de FPL, es gratis, te ayudará a mejorar tu consumo de energía y a que tu cuenta sea aún más baja. Visita [www.FPL.com/energiaactiva](http://www.FPL.com/energiaactiva)



**RCS English & Spanish Language TV Scripts**

**RCS/Treadmill - Thermostat :30**

**ENGLISH**

It can help you trim down...

but it can't trim your energy bill.

Raising your air conditioner by one degree can. This simple change gives you enough savings in one month to power your TV for 40 days.

Your PC for 46 days.

Or your entire home for one full day.

With the improved FPL Online Home Energy Survey, you'll get expert recommendations on how to save money.

So take the free FPL Online Home Energy Survey today to get energy fit and make your bill even lower.

**SPANISH**

Puede ayudarte a bajar de peso.

Pero no tu cuenta de electricidad.

Subir un grado tu aire acondicionado sí puede. Así ahorras suficiente como para proveerle electricidad a tu televisor por 40 días.

Mantener funcionando tu refrigerador por 29 días.

O darle energía a toda tu casa por un día entero.

Completa hoy mismo el estudio Online mejorado de FPL, es gratis y te ayudará a mejorar tu consumo de energía y a que tu cuenta sea aún más baja.

**RCS/Treadmill – High Efficiency Light Bulbs :30 (\*A Spanish version was not developed)**

**ENGLISH**

It can help you trim down...

but it can't trim your energy bill.

Switching to high efficiency light bulbs can. This simple change gives you enough savings in one month to power your refrigerator for 29 days.

Your washer for 36 days.

Or your entire home for one full day.

With the improved FPL Online Home Energy Survey, you'll get expert recommendations on how to save money.

So take the free FPL Online Home Energy Survey today to get energy fit and make your bill even lower.

**RCS Refrigerator :15**

**ENGLISH**

You can power your refrigerator for 29 days...

with the savings you get in 1 month by switching to high efficiency light bulbs.



Take the free FPL Online Home Energy Survey today to get energy fit and make your bill even lower.

**SPANISH**

Puedes proveerle electricidad a tu refrigerador por 29 días...

...con lo que te ahorrarías en un mes al cambiarte a bombillos de alta eficiencia.

Completa hoy mismo el estudio Online mejorado de FPL, es gratis y te ayudará a mejorar tu consumo de energía y a que tú cuenta sea aún más baja.

**RCS TV :15**

**ENGLISH**

You can power your TV for 40 days...

with the savings you get in 1 month by turning your air conditioner up one degree.

Take the free FPL Online Home Energy Survey today to get energy fit and make your bill even lower.

**SPANISH**

Puedes proveerle electricidad a tu televisor por 40 días...

...con lo que te ahorrarías en un mes al subirle un grado a tu aire acondicionado.

Completa hoy mismo el estudio Online mejorado de FPL, es gratis y te ayudará a mejorar tu consumo de energía y a que tú cuenta sea aún más baja.

### Save 5% or more on Cooling and Lighting Costs

Cooling cost savings are based on a retail business changing a 10-ton unit with an EER of 10.3 to a 10-ton unit with EER of 12.0.

Lighting costs savings are based on a retail business change T-12 34-watt lamps, magnetic ballasts and accent lighting to premium T-8 lamps, electronic ballasts and accent lighting.

Savings could vary based on the operating hours of the business.

The summary of savings is for an office building and a retail space (sales and gym). The numbers represent average savings by replacing an existing A/C unit with a high efficiency unit that qualifies for an FPL rebate and a lighting upgrade that qualifies for an FPL rebate.

<b>Office Building</b>		
<b>HVAC Upgrade</b>		
Existing A/C Unit:	10 ton, 10.3 EER (Installed between 2001 and 2004)	
New A/C Unit:	10 ton, 12.0 EER	
A/C Savings:	4.9%	
ASHRAE 2001 EER 10.3 Ltgs 1.3 Hrs24 Office	73,448	
ASHRAE 2001 EER 12.0 Ltgs 1.3 Hrs24 Office	69,879	
Savings	3,569	
Percent Savings	4.9%	
<b>Lighting Upgrade</b>		
Existing Lighting:	1.3 watts per sq ft is based on T-12 34 watt lamps and magnetic ballasts	
Proposed Lighting:	.98 watts per sq ft is based on premium T-8 lamps and electronic ballasts	
Lighting Savings:	11.3%	
ASHRAE 2001 EER 10.3 Ltgs 1.3 Hrs24 Office	73,448	
ASHRAE 2001 EER 10.3 Ltgs 0.98 Hrs24 Office	65,166	
Savings	8,282	
Percent Savings	11.3%	

<b>Retail (Sales and Gym)</b>		
<b>HVAC Upgrade</b>		
Existing A/C Unit:	10 ton, 10.3 EER (Installed between 2001 and 2004)	
New A/C Unit:	10 ton, 12.0 EER	
A/C Savings:	5.4%	
ASHRAE 2001 EER 10.3 Ltgs 1.9 Hrs24 Office	467,411	
ASHRAE 2001 EER 12.0 Ltgs 1.9 Hrs24 Office	441,950	
Savings	25,461	
Percent Savings	5.4%	
<b>Lighting Upgrade</b>		
Existing Lighting:	1.92 watts per sq ft is based on T-12 34 watt lamps with accent lighting	
Proposed Lighting:	1.68 watts per sq ft is based on premium T-8 lamps and electronic ballasts and accent lighting	
Lighting Savings:	6.7%	
ASHRAE 2001 EER 10.3 Ltgs 1.9 Hrs24 Office	467,411	
ASHRAE 2001 EER 10.3 Ltgs 1.68 Hrs24 Office	436,111	
Savings	31,300	
Percent Savings	6.7%	



Max Macon  
FPL associate

**SAVE** or more on  
**5%** cooling and  
lighting costs

## Shape up your business energy use

FPL can help you get energy fit and make your bill even lower

With a free Business Energy Evaluation from FPL, our expert will help you save energy and money. You'll get an on-site evaluation along with a customized plan on how to become more energy efficient and make your bill even lower. Just visit [FPL.com/energyfit](http://FPL.com/energyfit) to schedule your Business Energy Evaluation today.



**FPL**



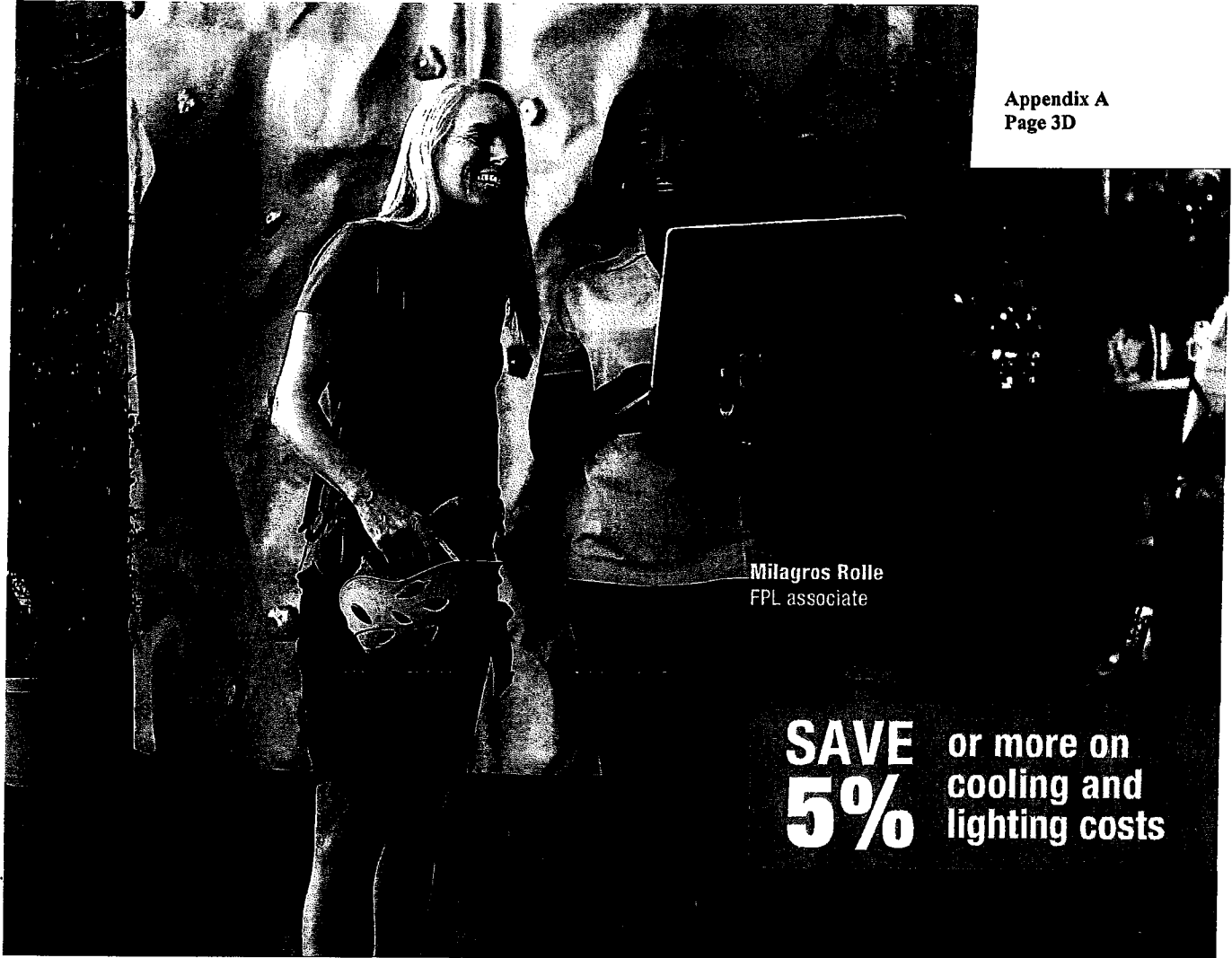
**SAVE** or more on  
**5%** cooling and  
lighting costs

## Shape up your business energy use

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With a free Business Energy Evaluation from FPL, our expert will help you save energy and money. You'll get an on-site evaluation along with a customized plan on how to become more energy efficient and make your bill even lower. Just visit [FPL.com/energyfit](http://FPL.com/energyfit) to schedule your Business Energy Evaluation today.





Milagros Rolle  
FPL associate

**SAVE** or more on  
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lighting costs

## Shape up your business energy use

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